FLORIDA DEPARTMENT OF TRANSPORTATION

TSM&O DISSEMINATOR

TRANSPORTATION SYSTEMS MANAGEMENT & OPERATIONS

January - February 2024

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Connecting Disconnected Places

New SunGuide Alert Viewer for Florida Highway Patrol to Support Improved Wrong-Way Driving Response

FLORIDA DEPARTMENT OF TRANSPORTATION'S
TRAFFIC ENGINEERING AND OPERATIONS PUBLICATION

FDOT TSM&O
Transportation Systems Management & Operations

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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: teodisseminator@dot.state.fl.us with your story subject and title.

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

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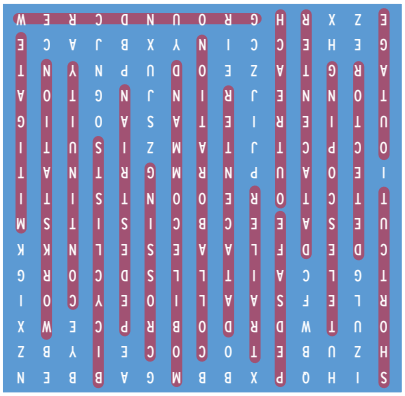
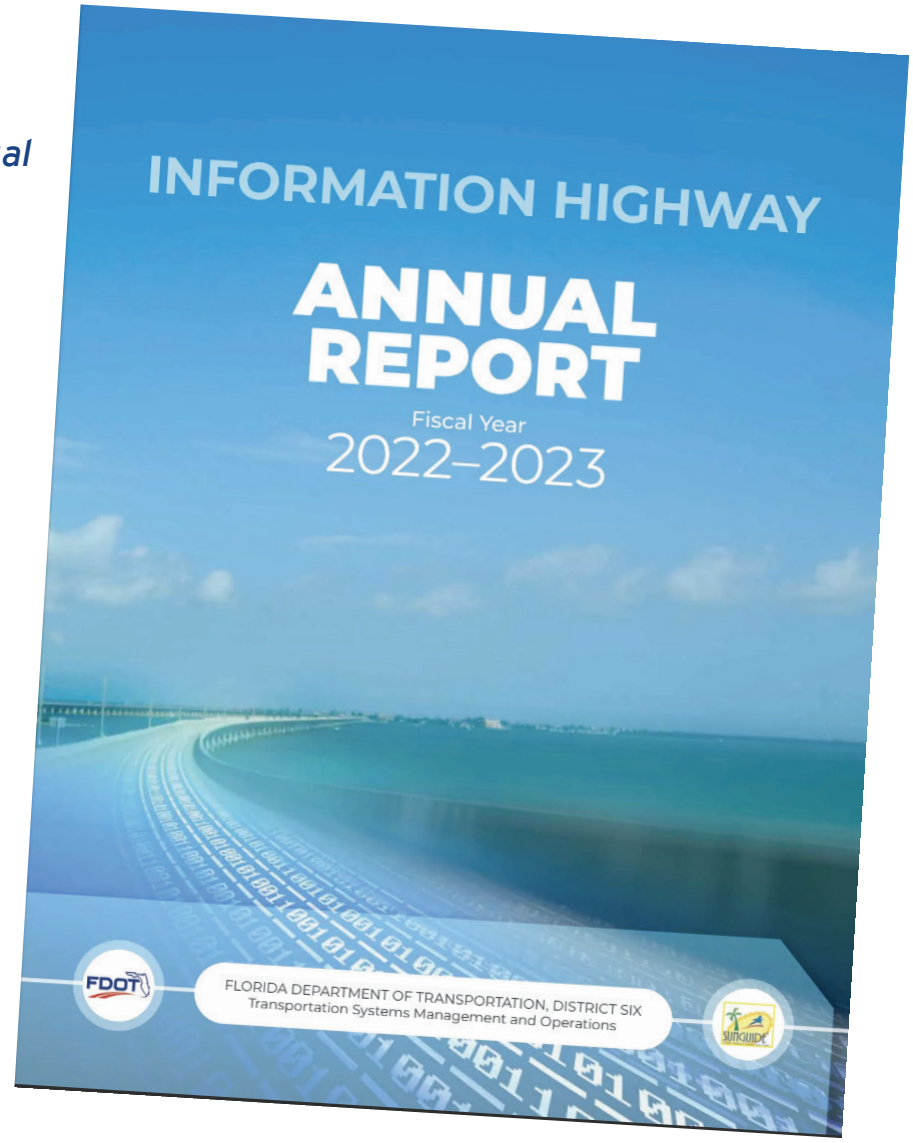


District Six Publishes Annual Report

By Javier Rodriguez, PE, TSM&O Engineer, District Six

The FDOT Transportation Systems Management and Operations (TSM&O) Office published its Annual Report for Fiscal Year 2022-2023 (covering July 1, 2022 through June 30, 2023).



The 2022-2023 annual report theme is "Information Highway". It details how District Six TSM&O office uses and manages data to disseminate information to the motoring public in southeast Florida. The information highway has become just as important as the physical highway. The report states how in recent years, data has been utilized more broadly to include mobile traffic applications and the TSM&O website, sunguide.info. It emphasizes how the sharing of data and working together with partner government agencies to provide traffic information to the public helps to keep traffic flowing.

Our Information Highway has advanced beyond fiber optic communications to include wireless, microwave, cellular, Bluetooth, and cloud-based technologies. This allows the SunGuide Transportation Management Center (STMC) to be more flexible and resilient. The report highlights several current TSM&O projects that use the Information Highway to facilitate Wrong Way Detection Systems (WWDS), Bridge Notification Systems (BNS), and the connected and automated vehicle (CAV) project, Keys COAST. It also describes how the exchange of data allowed for a quick response after a bridge was damaged by an oversized vehicle in Miami-Dade County. District Six deployed mobile cameras which allowed Florida's Turnpike and FDOT to monitor damage, ongoing repairs, and traffic flow.

The report also covers the program's primary functions: ITS Deployments, STMC Operations, Incident Management, IT/ITS Maintenance, Traveler Information, and Public Outreach. It summarizes important statistics such as total events managed, incident management activities, roadway clearance times, and operational performance metrics for different elements of the STMC. The report features a comprehensive section about the benefits yielded to the public in cost savings associated with a travel delay reduction. It shows the program's roadway clearance time of 30.6 minutes, which is 39% lower compared to the baseline average of 50 minutes in 2005.

For more interesting facts about the program and to see what's ahead for the upcoming year, check out the report here.

For additional information, please contact Alicia Torrez at Alicia.Torrez@sunguide.info.

FDOT District Five Takes the PedSafe Program Show on the Road

By Lisa McDuffie, Technical Information Officer

The Florida Department of Transportation (FDOT) District Five is taking its high-tech pedestrian safety show on the road, quite literally.

As part of a unique public-outreach strategy for the PedSafe Program, the District has purchased a mobile trailer that houses a working display of the initiative's pedestrian-crossing-safety smart technology. The traveling educational exhibit will be utilized during deployment of the PedSafe II project, which will see the installation of a PedSafe crossing device along a stretch of Orange Blossom Trail (U.S. 441) in Orlando.

The mobile exhibit will provide an opportunity for pedestrians and bicyclists to become acquainted with the PedSafe technology before it's in place and operational. The Department plans on taking the display to local public meetings and community events so people can put their hands on the actual equipment and experience how it works in real life – leading to a smoother adoption process.

The mobile exhibit trailer will allow pedestrians and bicyclists to interact and become acquainted with new PedSafe technology before it is actively deployed in FDOT District Five.

District Five also plans to coordinate with local schools and provide the exhibit as part of a safety presentation for students. The thinking behind this strategy is to harness children's enthusiasm for technology to teach them both about the PedSafe II device and about proper street-crossing safety (with the confidence they will in turn share that information and excitement at home).

When not out and about, the trailer will be parked at the PedSafe II construction site. Curious passersby's will be welcome to stop in and interact with the display.

The trailer is expected to arrive in early 2024. Fully operational equipment installed on the trailer will include:

- ***Passive Pedestrian Detector***
- ***LED Blankout Wait Countdown Sign***
- ***Pushbutton***
- ***Signal Heads***
- ***Cv2X Roadside Unit***
- ***CCTV Camera***
- ***Cabinet***

District Five will have nearly a year to conduct its mobile community-education outreach efforts, as part of the deployment of the PedSafe II technology. The technology complements a larger, in-progress Orange Blossom Trail safety initiative to reduce vehicle speeds, provide safer and more restrictive crossing locations, and concentrate crossings at signalized intersections or mid-block crossings. Improvements within the corridor include realigned bus stops, improved pavement markings, enhanced lighting, median fencing, and landscaping. Once this initiative wraps up, things will start moving on the PedSafe II deployment.

Deeper Dig - The PedSafe Program

At its heart, the PedSafe Program involves pedestrian and bicycle collision avoidance systems operated via connected vehicle technologies that can alert drivers when a pedestrian or cyclist is detected.

PedSafe is part of the ATTAIN Central Florida program and is funded by a $12-million Advanced Transportation and Congestion Management Technologies Deployment grant from the U.S. Department of Transportation Federal Highway Administration. The initial work of PedSafe focused on mitigating pedestrian-vehicle collisions near the University of Central Florida; once the PedSafe II project is completed, PedSafe III is expected to take place in Winter Park.

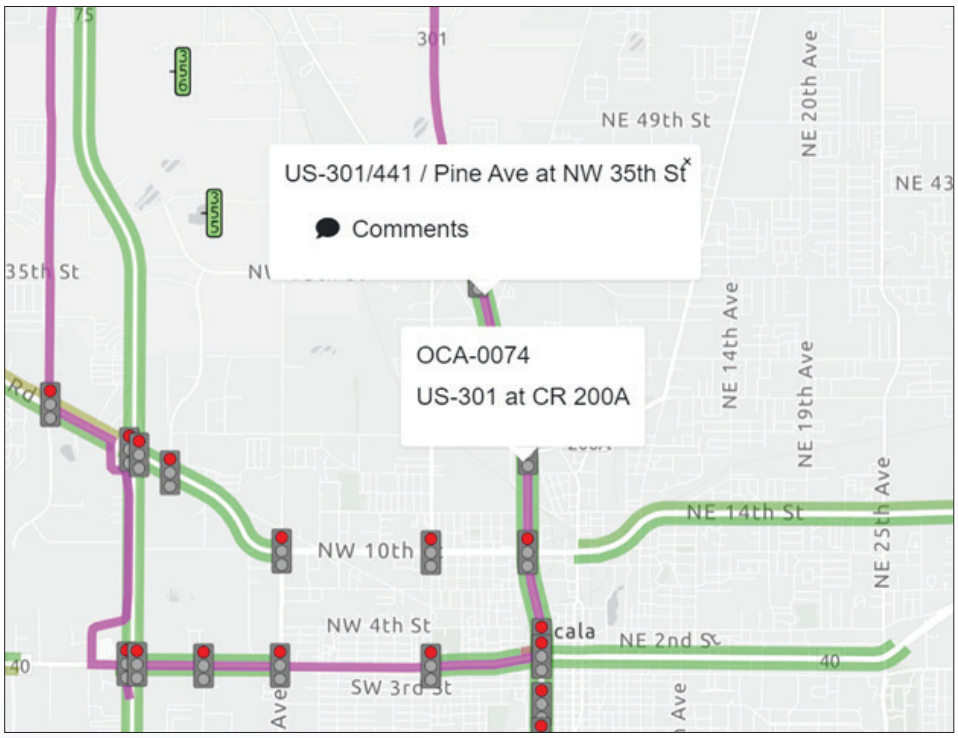
Down the line, the PedSafe Program will connect advanced signal controller capabilities, connected vehicle technology, and existing communication infrastructure to reduce pedestrian and bicycle crashes. There's even research into marrying PedSafe technology to the Florida 511 Advance Traveler Information System smart phone app (and similar apps); so users driving in unequipped vehicles can receive warnings of a pedestrian in the road.

Shortcut to Integrated Corridor Management

By AECOM, District 5 I-75 ICM Consultant Team

District 5's I-75 ICM team faced a significant challenge when it came to arterial management across their 3-county area of responsibility.

Within those 3 counties, there are 4 different controller types that have to be monitored and managed with a minimal number of staff. Rather than expecting TMC operators to keep up with 4 ATMS, the Team embarked on an effort to consolidate operations into a single platform and succeeded! **Shortcut** was developed by the I-75 ICM team bringing all signals on a connected network into a single platform. The user interface includes a map of the region with each connected signal depicted. Signal engineers can enter pre-determined diversion plans, which can then be highlighted on the map and implemented with the push of a button. **Shortcut** communicates directly with the signal controller via NTCIP protocol over a secure network connection. At any given time, users can see where congestion exists and which, if any diversion plans are implemented. This provides a significant advantage in getting ahead of major traffic issues when there is an interstate closure. The software monitors the signals for numerous alarms and will auto-generate an email to the ICM signal engineers and local agency on-call staff. Additionally, our signal engineers can enter information related to any timing changes implemented by the ICM staff, which is then rolled up into a weekly report along with a log of diversion implementations and alarms for use by our local agency partners. **Shortcut** has streamlined the arterial operations aspect of ICM, allowing the I-75 ICM team to do more with less.



For more information, please contact Lauren Pearson at Lauren.Pearson@dot.state.fl.us.

District Three TSM&O Welcomes a New Employee - Eric Wadsworth

By Amy DiRusso, District Three TSM&O Program Engineer

We welcomed Eric as the new TSM&O Manager - Arterials. Eric has been with the Department for over 23 years, having most recently filled the role of Asset Maintenance Project Manager for the District Three Maintenance Office. While in that role, he managed the District Wide Lighting Contract, Welcome Centers-Rest Areas and WIM Scales Contract, Escambia County Asset Maintenance and Okaloosa County Asset Maintenance. Prior to Project Management for the Department, he served as Master Electrician for over 16 years installing and maintaining building and roadway electrical along with HVAC and generators. Eric was also an On Call Supervisor and On Call Electrician maintaining Navigation Lights across D3, he has over 30 years of experience in electrical construction and maintenance. Eric brings extensive experience in emergency response, operations, communications and personnel management. He is licensed with the Department of Business and Professional Regulation with EC13006882 after passing Florida's Licensed Electrical Contractor Exam and Florida Business and Law Exam in 2007. In his free time, Eric enjoys spending time with his dog at the creek and trail riding on his dirt bike.

Eric can be reached at Eric.Wadsworth@dot.state.fl.us.

Break Time

S	I	H	Q	P	X	B	B	M	G	A	B	B	E	N
H	Z	U	B	E	T	O	C	O	C	E	I	Y	B	Z
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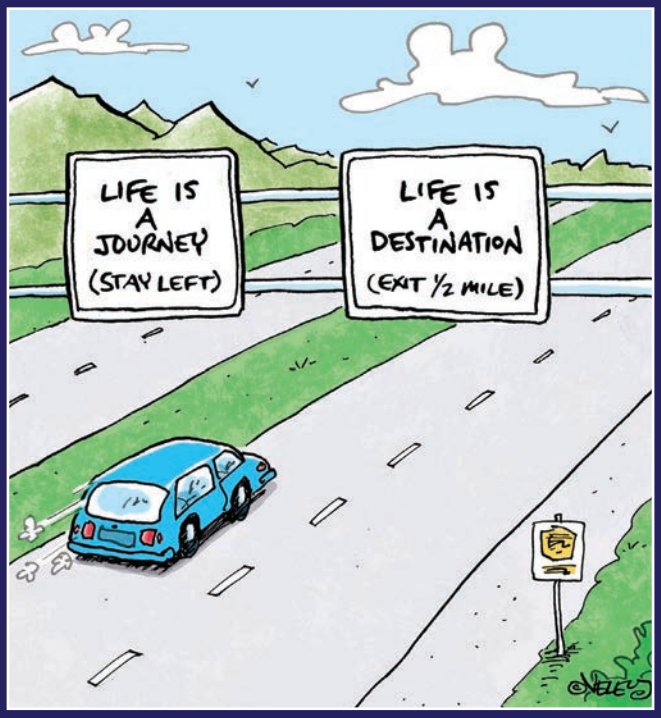
SHORTCUT
TRAILER
PEDSAFE
PEDESTRIAN
BICYCLIST
DETECTOR
CROSSING
OUTREACH
DATA CENTER
CONTINUITY
WORKSTATION
OUTAGE
MITIGATE
MOBILE COMMAND
DATACENTER
COLLABORATION
GROUND CREW
TELESCOPING



Meet the 2024 Board of Directors

By Sandy Beck and Russell Allen, ITS Florida

Officers

The Intelligent Transportation Society of Florida (ITS Florida) held its annual elections and is pleased to introduce its 2023 Board of Directors.

Mr. Rob Price, PE, Deputy Director for Lee County, is our **2024 Immediate Past President** and **Chairman of the Board**. He has previously served on the Board and then through the Officer ranks. Rob has over 20 years of experience in the transportation industry. He has served on the Local Activities Committee for several years, Management Committee and the Planning Committee for I3 Transportation Showcase 2023. ***FUN FACT:*** Rob is an avid golfer.

Mr. Jeremy Huffman, Director of Business Development, Southern Manufacturing, is our **2024 President**. He has previously served on the Board as Director-at-Large, Treasurer, and most recently as Secretary. Over the past 10 years, he has participated in many local, regional, and national ITS, ITE IMSA conferences. Jeremy served on the Member Services Committee, and is serving on the Management Committee, Transpo Planning Committee, I3 Transportation Showcase committee and is a Liaison to Florida Transportation Builders Association. ***FUN FACT:*** Jeremy enjoys roller blading.

Mr. Russell Allen, PE, Senior Project Manager with Atkins, is our **2024 Vice President**. He has previously served as a Director-at-Large, Treasurer and most recently Secretary. Russell has over 23 years of public and private sector experience in wireless communications, ITS and TSM&O. His current role at Atkins supports the Central Office, Districts Two, Three, Four, and Seven with ITS, ATMS, CAV, communications, and Work Program efforts. Russell serves on the Management Committee, Membership Committee, and Co-Chair of the Outreach Committee. ***FUN FACT:*** Russell is a 6th generation Tallahassee native and huge FSU fan.

Mr. Andrew 'Drew' Young, Associate Vice President, TransCore, is our **2024 Secretary**. He has previously served as Director-at-Large and the 2023 Treasurer. He has over 15 years of experience in the deployment, integration, and maintenance of technology-rich operations focused on ITS, including implementation and integration of ITS freeway management systems, underground fiber-optic networks, ITS and communications project management, specification development, and CEI services. Drew is the Chair of the ITS Awards and former chair of the Scholarship Subcommittee. ***FUN FACT:*** Drew is a classically trained chef.

Mr. William 'Acey' Roberts, P.E., Division Manager at Iteris, is the **2024 Treasurer**. He previously served as a Director-at-Large. He has 22 years of experience in ITS, traffic management and traffic signalization as a consultant and as the statewide ITS engineer for MS DOT from 2008 to 2016. He was a founding member of ITS America chapter, Gulf Region ITS (GRITS), serving in all leadership positions of the GRITS board. Acey serves on the Awards Committee, Outreach Committee and is ITS Florida's webmaster. ***FUN FACT:*** Acey spends way too much time tending to his tropical plants.

Dr. Nithin Argarwal, Ph.D., Director of the Florida Technology Transfer (T2) Center, will continue to serve as **Director-at-Large for 2024-2025**. Dr. Agarwal brings to all his roles over a decade of experience in the field of traffic operations, highway design and safety, technology transfer, and education, with contributions in numerous areas of the profession. He chairs the Transportation Research Board's Subcommittee on Traffic Signal Timing and is a member of the Traffic Signal Systems Committee. He is a Co-Chair of the ITS Florida's Lunch and Learn Subcommittee. ***FUN FACT:*** Dr. Argarwal has a passion for photography, capturing moments and memories through the camera lens.

Ms. Sara Calhoun, PE, President, VIBE, will continue to serve as **Director-at-Large for 2024**. She has been active in ITS Florida for many years. She has over 25 years of ITS experience in all phases of ITS from planning through construction. Sara has been an active participant in professional organizations, including ITS Florida, having previously served as an officer in the organization, the Florida Section Institute of Transportation Engineers, and the Tampa Chapter of the Florida Engineering Society (FES) for many years. She served as a Board member for the FES Tampa Chapter for several years, chairing the Scholarship Committee. Sara is a former President of ITS Florida and serves on the Membership Campaign Subcommittee and chair of the Scholarship program. ***FUN FACT:*** Sara loves rescuing dogs, and would have a house full if she could. She currently has 7 dogs of various ages and sizes.

Subhasis Ghosh is a TSM&O Section Manager at HNTB, and will serve as a **Director-At- Large for 2024-2025**. He has been practicing Intelligent Transportation Systems (ITS) in the State of Florida for the last 20 years. Subhasis will continue to serve on the ITSFL Scholarship Program Committee. He was on the planning committee for the I3 Transportation Showcase in Orlando 2023, helping the committee in event planning, setting up the agenda for the technical sessions and evaluating the abstracts for technical presentations. He will be serving on the Transpo planning committee. Subhasis has been an active member of ITS Florida for the last two years and is willing to serve in any capacity on the Board. ***FUN FACT:*** Subhasis likes to cook all types of cuisines.

Dr. Mohammed Hadi, PE, Professor at Florida International University will continue to serve as **Director-at-Large for 2024**. He has over 30 years of experience in transportation engineering (10 years in the private sector and the rest in academic and research institutions). His experience has been in ITS, TSM&O, data analytics and decision support, performance measurement, planning for operations, connected and automated vehicles, and multi-resolution transportation system modeling. Mohammed serves as a Co-Chair of the Lunch & Learn Subcommittee. ***FUN FACT:*** Dr. Hadi is a huge Miami Heat basketball fan.

Rolando Ramirez is Vice President of Traffic Operations & ITS Production at Metric Engineering and will serve as **Director-At-Large for 2024-2025**. Rolando has 19 years at Metric and mentoring several next-generation ITS engineers, he has contributed significantly to the ITS community during this calendar year as well as for the past several years. His 25 years of experience having managed over 80 ITS design projects, as well as overseeing a staff of 40 professionals, he has been instrumental in project management, project completion, project planning and more through his tenure at Metric. As an industry leader within the ITS community, he has contributed to the mission by promoting safety and efficient transportation through ITS/TSM&O solutions. He will serve on the Membership Committee. ***FUN FACT:*** Rolando enjoys attending UCF football and basketball games, including at least one football road game per year.

Mr. Rakesh Sharma, P.E., Associate Vice President at HNTB will serve ITS Florida as **Director-at-Large for 2024**. He has 19 years of experience in both public and private sectors in TSM&O and ITS. Rakesh served FDOT Central Office, District 1, District 2, District 3, District 5, Turnpike, Central Florida Expressway, and Reedy Creek Improvement District (RCID) in various roles. Rakesh serves on the Scholarship Committee and Awards Committee. ***FUN FACT:*** Rakesh is a meditation and yoga instructor.

Mr. Fred Heery, P.E., FDOT State TSM&O Program Engineer, Central Office will continue to serve ITS Florida as the **FDOT Representative for 2024**. Fred has over 30 years of experience in traffic engineering and ITS in both public and private sectors. Fred has been with FDOT since 2005. Fred plays a critical role in keeping the ITS industry up to date with FDOT's vision and mission. ***FUN FACT:*** Fred recently started playing badminton on a regular basis.

For more information on ITS Florida, please check the ITS Florida website at www.ITSFlorida.org or contact Ms. Sandy Beck, Executive Director at ITSFlorida@ITSFlorida.org.

FDOT District Four Transportation Systems Management & Operations Shuts Down Regional Transportation Management Center for 72 Hours, Maintains Operations

By Aaron Rapp, IT Special Projects Coordinator, FDOT District Four

In a testament to strategic planning and adaptability, FDOT District Four's Transportation Systems Management & Operations (TSM&O) team recently overcame a significant challenge. Approximately eight months ago, the team was notified that the Broward County Traffic Engineering building in Fort Lauderdale, the location of the District Four Regional Transportation Management Center (RTMC), required a critical UPS (Uninterruptible Power Supply) replacement and electrical maintenance bypass installation. The replacement and installation would disrupt power to the building for approximately 72 hours. This interruption could have impacted the RTMC's 24-hour operations.

Over the subsequent months, a comprehensive plan was developed involving collaboration with partner agencies from across Florida.

Thorough Planning and Testing

An in-depth plan outlined affected systems, communication plans, timelines, and procedures. A test outage before the main shutdown allowed adjustments for better execution. System configurations were adjusted to enhance business continuity not only for the maintenance window but also for the overall disaster recovery/business continuity plans for District Four TSM&O.

Relocating to the Emergency Operations Center (EOC)

To ensure uninterrupted operations, District Four transitioned to the newly renovated Emergency Operations Center (EOC) at 3400 W. Commercial Blvd, Fort Lauderdale, FL. It offered a fully functional video wall and connectivity for operators to perform their daily tasks with little to no decrease in functionality. Additional fiber connections and networking equipment were installed in the EOC to allow for data to bypass the primary datacenter. The team created a plan to have a total of 8 operators working from within the EOC for the duration of the outage, including the temporary installation of 8 operator workstations.

Tracking Tolling Operations

Continuing tolling operations during the outage required collaboration with Florida's Turnpike Enterprise. Specialized toll transaction holds were implemented to avoid customer charges. Numerous collaboration meetings ensured error-free execution.

Collaboration with District Six

Recognizing the overlap in monitoring areas between District Four and District Six, the project team maintained a data connection with the Miami-Dade County FDOT team. Leveraging existing fiber connections, they ensured data continuity between infrastructure devices, allowing District Six to stay informed about incidents near district boundaries.

Navigating the 72-Hour Outage and Operations

Before the main 72-hour outage window, notifications were sent to all affected parties throughout the state of Florida. Law enforcement, other FDOT TSM&O districts, and construction projects were all informed of the impending outage. Ensuring that partner agencies still had ways to contact the RTMC for any assistance was crucial. All operators were notified of schedule and location changes, as well as other departments that were scheduled to work during the outage. This collaborative approach played a crucial role in managing traffic and incidents efficiently.

UPS Replacement and System Restoration: A Pivotal Phase

In a pivotal phase of the project, vendors successfully executed the removal of the old UPS and the installation of the new one on Saturday, January 13th. This critical hardware upgrade set the stage for a dedicated technician to address the new UPS on Monday, January 15th. With the technical aspects firmly in place, the IT team promptly initiated the process of restoring the RTMC to full operational capacity.

In an era dominated by technological advancements, FDOT District Four TSM&O leveraged cutting-edge technology to mitigate the impact of the RTMC shutdown. The collective efforts of the team, both on-site and remotely, played a crucial role in navigating this outage successfully and reinforcing readiness for future challenges.

For more information, please contact Aaron Rapp at (954) 264-2794 or by email at: aaron.rapp@dot.state.fl.us.

Connecting Disconnected Places

David Bremer, Atkins Realis, ITS Communications GC

The Florida Department of Transportation (FDOT) Central Office Traffic Engineering and Operations Office (TEOO) is responsible for the upkeep, enhancement, and implementation of seven communications-enabled trailers. Five of these trailers are referred to as "ITS trailers" and the other two are called mobile command (MC) trailers.

ITS Trailers

Various FDOT sections have owned the ITS trailers for several years. While TEOO now maintains the seven trailers, the ITS and Emergency Management (EM) trailer were the original two trailers in the TEOO fleet.

The main ITS trailer is the "flagship" of the existing trailers. It is equipped with a telescoping tower that can reach 100 feet. It also includes a self-aligning AvL Technologies satellite receiver, a StarLink© modem, two Axis© closed-circuit television (CCTV) cameras, two Wavetronix© microwave vehicle detectors, a diesel generator, redundant cellular connectivity via AT&T FirstNet© and Verizon©, and an inverter with a battery bank for emergency operations.

The EM trailer is a box trailer with a 30-foot pneumatic mast, a self-aligning AvL satellite receiver, a StarLink modem, one Axis© CCTV camera, a gasoline generator, redundant cellular connectivity via AT&T FirstNet and Verizon, and a battery bank for emergency operations.

The third existing trailer is called the ITS Lite because it is built similar to the ITS trailer but does not include as much equipment.

The last two additions to the existing trailers are also built similar to the ITS trailer but were acquired from FDOT's SunTrax (ST) facility and are named ST 1 and ST 2. The ITS Lite, ST 1 and ST 2 have a 100-foot tower, a StarLink modem, two Axis CCTV cameras, a diesel generator, redundant cellular connectivity via AT&T FirstNet and Verizon, and an inverter with a battery bank for emergency operations.

The existing trailers have been used for a variety of needs. They have been deployed after hurricanes such as Sally and Ian. For Hurricane Ian, two trailers were deployed for observation of the reconstruction of a bridge that was washed out. They have also been deployed for emergencies, such as the building collapse in south Florida. Non-emergency deployments included communications support in rural areas where the FDOT hosted public meetings and internet streaming was unavailable due to internet availability.

Mobile Command Trailers

FDOT acquired the MC trailers in 2022, after Hurricane Ian. FDOT quickly realized the benefit of having leadership in the field, close to the "action" during an event while also providing as much functionality of working at the office as possible. The exisiting ITS trailers offered only remote observation abilities, but the MC trailers truly offer the practicality of mobile command. These trailers are large box trailers that were originally manufactured as drone centers but have been modified for use as mobile command centers. They are each equipped with two 55-inch monitors. One monitor is setup for FDOT Teams communications and the second is connected to a hardened field computer and can be used to view the Data Integration and Video Aggregation System (DIVAS), weather, or other media types as needed. Other features include a printer, docking stations with monitors, a gasoline generator, redundant cellular connectivity via AT&T FirstNet and Verizon, and a 4,000-watt inverter with a battery bank. Potential future enhancements include a pneumatic mast and a CCTV camera.

Most recently, one of the MC trailers was used at the emergency operations command center in Gainesville for Hurricane Idalia. The MC trailer excelled because it enabled local management to have daily meetings with FDOT Central Office Leadership while remaining in close proximity to ground crews and receiving up-to-the-minute information.

An MC trailer was recently used for a special project by another agency. The self-sufficiency of the trailer offered occupants the ability to work remotely with state-of-the-art technology as well as an option for resting via the use of cots inside the air-conditioned trailer.

For more information, please contact Kenneth Shiver at (850)410-5600 or by email, Kenneth.Shiver@dot.state.fl.us.

ITS Lite trailer

ITS trailer

EM trailer

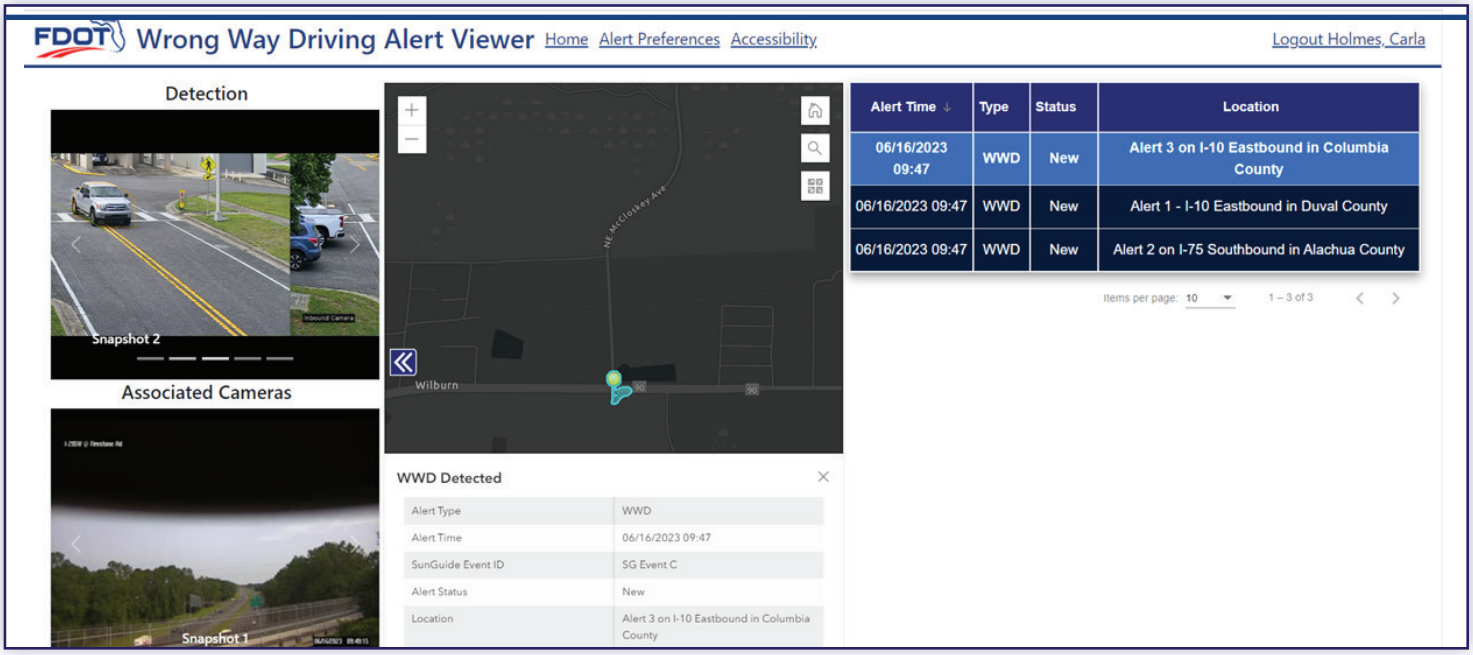
MC trailer

Monitor showing DIVAS

Hurricane Ian satellite weather map Satellite data provided by EUMETSAT

New SunGuide Alert Viewer for Florida Highway Patrol to Support Improved Wrong-Way Driving Response

By Christine Shafik, State Connected Mobility & Technologies Engineer, FDOT, and Carla W. Holmes, Gresham Smith



FDOT is adding another tool to its wrong-way driving (WWD) countermeasures toolbox – the SunGuide Alert Viewer (SAV). Detecting, verifying, and responding to WWD events quickly can reduce the number of primary and secondary crashes, and the traffic congestion, property damage, and personal injury that may stem from them. FDOT recognizes the importance of mitigating the impacts of WWD crashes, and has developed the SAV to enhance coordination with the Florida Highway Patrol (FHP) and improve WWD response.

The SAV is a web-based application that will allow FHP users to view WWD alerts from Wrong Way Vehicle Detection System (WWVDS) devices integrated into SunGuide Software. Real-time WWD alerts are presented on the SAV, along with snapshot images from the WWVDS device's integrated CCTV cameras and video from nearby CCTV cameras. While the SAV is a statewide application, users can set preferences to only receive alerts from the FHP Troop jurisdiction(s), county(ies), or roadway(s) that they select.

FHP personnel, who do not use SunGuide Software, will receive WWD alerts through the SAV at the same time as they are received by RTMC Operations through SunGuide Software, allowing faster initiation of FHP response. By providing the WWD alert via the SAV, and with the advantage of visuals of the triggering vehicle, law enforcement will have additional information on hand to provide to state troopers dispatched to locate and intercept the WWD vehicle. The SAV is useful to FHP personnel co-located in FDOT TMCs, as well as those in external facilities, as it can be accessed through the internet and displayed on video walls, workstations, laptops, or mobile devices. The application will not replace the existing coordination between FDOT RTMC operators and FHP dispatchers, but will add elements to make coordination more efficient.

The concept for the SAV was initiated by the Florida Turnpike Enterprise (FTE), who has also served as the pilot deployment. FTE is continuing to work with developers of the SAV to further enhance its benefits and manage wrong-way driving events in a more efficient manner. As SAV developers are preparing the application for statewide deployment, Central Office will be available to assist FDOT districts who are interested in sharing the application with their FHP partners to configure their SunGuide Software installations and establish FDOT and FHP user accounts.

For more information about the SunGuide Alert Viewer, contact Christine Shafik, State Connected Mobility & Technologies Engineer, at christine.shafik@dot.state.fl.us or 850-410-5615.

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