



60th Edition

Sarasota-Manatee County Traffic Incident Management Team

January 2015



### The Florida Department of Transportation I-75 Satellite Traffic Management Center (TMC)



The FDOT I-75 Satellite Traffic Management Center (TMC) is located in the Manatee County Public Safety Center at 2101 47th Terrace East, Bradenton, Florida 34203. FDOT shares office space and the control room with the Sarasota and Manatee Advanced Traffic Management System, which combined, consists of a total of 12 control workstations and an amazing 27 Cube Video Wall. Along with FDOT and Manatee County the building also houses the local Emergency Communications Center (ECC) which handles 9-1-1 calls for Manatee county Emergency Medical Service and 11 local

Fire Agencies. The ECC is also the call processing center for Manatee County Sheriff's Office and the City of Bradenton Beach Police Department. FDOT began staffing operations in November, 2014 and this location operates sixteen hours per day, Monday thru Friday. Control of all monitoring is then transferred to the SWIFT SunGuide Center in Fort Myers at 10 PM on weekdays and also on weekends. The SWIFT SunGuide Center, in conjunction with the I-75 Satellite TMC, provide full traffic management services and are the hubs of real-time operations on I-75 and the supporting arterial highways throughout District 1, which also serve as the base of regional traffic management, law enforcement, and incident management. The centers relay information to the public through the FDOT 511 system and many field components (such as Dynamic Message Signs) easily allows the public to make efficient and timesaving transportation decisions.



This new location will manage the following new ITS devices and coverage area;

- 56 miles of 96-count Fiber: Roughly Mile Marker 170 to 226
- 17 Generator Sites
- 2 Communication Hubs
- 24 Dynamic Message Sign (DMS)
- 89 Closed Circuit TV (CCTV)
- 138 Microwave Vehicle Detection System (MVDS)
- 10 Highway Advisory Radio (HAR) Transmitter sites
- 20 Highway Advisory Radio (HAR) Beacon sites
- 2 Road Weather Information System (RWIS)

Article submitted by Justin Merritt, ITS Operations Specialist, District One, FDOT I-75 Satellite TMC

For more information, please contact Bill Fuller, District-One TIM Coordinator at (239) 225-1915 and/or [william.fuller@dot.state.fl.us](mailto:william.fuller@dot.state.fl.us).

### New NFPA 1091 Standard for Traffic Control Incident Management Professional Qualifications



All-new NFPA 1091: Standard for Traffic Control Incident Management Professional Qualifications helps reduce the risks to response personnel and the public through proper traffic control training. NFPA 1091 promotes safer operations with: Minimum job performance requirements (JPRs) for Traffic Control Incident Management Personnel (TCIMP), to help AHJs ensure personnel are adequately prepared to carry out the duties of the job, Explanatory Material with additional resources for anyone who responds to roadway incidents -- including fire fighters, police officers, fire police, EMS personnel, department of public works personnel, towing and recovery personnel, and transportation industry personnel. Across the country, personnel who respond to roadway incidents are subject to an increasing amount of dangerous situations due to distracted motorists. For more information, please visit the following website:

<http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=1091>

### INSIDE THIS ISSUE:

The FDOT I-75 Satellite Traffic Management Center (TMC) 1

New NFPA 1091 Standard for Traffic Control Incident Management Professional Qualifications 1

2014 Florida Automated Vehicles Summit 2

### Upcoming Events:

#### TIM Team Meeting:

Tuesday, February 10, 2015  
1:30 PM

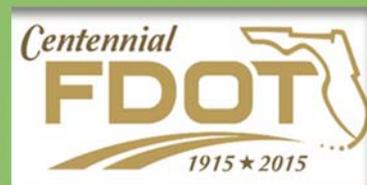
Manatee County Public Safety Center 2101 47th Terrace East  
Bradenton Florida, 34203



**2014 Florida Automated Vehicles Summit  
(Orlando-Walt Disney World)**

**2013 FAV Summit (Tampa, November 14&15, 2013)**

The Florida Department of Transportation (FDOT) organized the first annual Florida Automated Vehicles Summit (FAV Summit), in Tampa on November 14<sup>th</sup> & 15<sup>th</sup> of 2013. The event was deemed a success as over 225 professionals gathered at the Tampa Marriott Waterside Hotel to begin a public dialog with the foremost leading experts in the fields of Automated Vehicles (AV) and Connected Vehicles (CV).<sup>1</sup> Due to the careful planning, high attendance of public and private professionals, and knowledgeable guest speakers, the summit was deemed a success and the planning of a second annual FAV summit was scheduled soon afterwards.



**2014 FAV Summit (Orlando, December 15&16, 2014)**

The Automated Vehicle discourse continued at the second annual event, the 2014 FAV Summit, which was recently held in Orlando, Florida at Walt Disney World (WDW). The two day event started on December 15, 2014 at the WDW Coronado Springs Resort and ended on December 16<sup>th</sup> at the WDW Speedway.

**2014 FAV Summit (Day 1, 12/15/14)**

Day 1 started off with an astounding turnout of over 375 professionals, 50% more than the attendance of last year. Day 1 included over a dozen experts speaking throughout the day on topics ranging from AV Technologies Development, Automation as an Economic Engine, Utilizing Florida's ITS Infrastructure for AV/CV Test Beds, Vehicle to Vehicle (V2V) and Vehicle to Infrastructure (V2I) applications, Freight & Transit Applications, Maritime & Aerial Applications, and more.

While there were numerous terrific speakers knowledgably discussing both Automated Vehicle (AV) and Connected Vehicle (CV) technology throughout the day, here are just a few highlights.

Keynote speaker Jeff Brandes, the Florida State Senator of the 22<sup>nd</sup> District, helped kick off the event with a great speech which underscored his passion for the future potential of Automated Vehicles in Florida. Senator Brandes blazed the trail for the Florida House Bill 1207 (passed on April 16<sup>th</sup>, 2012) making Florida the second state in the U.S.A. to pass AV legislation.

Larry Burns, a Professor of Engineering at the University of Michigan and a former General Motors R&D Vice President, showcased immense knowledge and experience regarding the history and future of AV technologies development. Mr. Burns was a crowd favorite speaker not only because of this knowledge and expertise of AV development, but also because of his ability to keep the audience's attention with a perfect blend of comedy and great speaking skills.

FDOT's Deputy State Traffic Engineer Elizabeth Birriel also did a fantastic job not just with her presentation regarding the future of connected vehicles on Florida roadways, but also by knowledgably answering numerous questions from the audience.



**2014 FAV Summit (Day 2, 12/16/14)**

Day 2 located at the WDW Speedway included numerous live demonstrations of both AV and CV technologies. The entire Disney speedway was closed to the public for this private event. The race-track and surrounding areas were littered with six live demonstration stations, some of which included multiple demonstrations by different Universities, Research Institutes, and Vendors. 2014 FAV Summit Attendees were able to ride in vehicles that were either completely automated or outfitted with numerous CV technologies. Thanks to all the groups involved in providing the 2014 FAV attendees with hands on experience and fun: University of Central Florida, Mobileye, SW Research Institute, VEECO, Microsystems, University of Florida, Embry Riddle Aeronautical University, and the Orlando Area Automobile Dealerships who provided rides in the Tesla Model S and other Alternative fuel vehicles out-

fitted with Advanced Driver Assistance Systems (ADAS). It should also be noted that Walt Disney World and the WDW cast members all did a fantastic job hosting the summit, especially the amazing BBQ lunch at the speedway.

**2015 FAV Summit (Destination and Date TBD)**

Keep an eye out for the 2015 registration window so you can register and attend the third annual FAV Summit. Registration will likely begin around October, but the FDOT FAV website (<http://www.automatedfl.com>) can be checked all year for Event information (upcoming and previous), FAV Resources, Contact Information, and more.

Due to constantly evolving vehicle technologies and the potential for economic growth associated with the AV/CV industry, the future of Automated and Connected Vehicles is bright with potential. Florida is determined to be at the forefront of this technological revolution in an effort to lure bright minds, innovative companies, manufacturing jobs, and engineering jobs to the Sunshine State.

<sup>(1)</sup> Florida Automated Vehicles Summit. Web Page. <http://www.automatedfl.com/our-efforts/florida-automated-vehicles-summit/>

Article Submitted by Metric Engineering, Inc.. – Robert Mastascusa, P.E.

**T I M TEAM WEBSITE!**

[www.swfltim.org](http://www.swfltim.org)

*The Sarasota-Manatee County TIM Team is committed to implementing the Quick Clearance principles of Florida's Open Roads Policy through the "3 Cs" of TIM: Communication, Cooperation and Coordination, and providing the public with the best real-time Motorist Information available. Team membership draws from state, regional, and local transportation agencies, public safety providers, and other organizations and companies that service the traveling public. The Teams, sponsored by the FDOT, meet bi-monthly.*

**Mission**

*The TIM Team Program brings together all agencies involved in clearing the roadway crashes with the objective of improving detection, verification, response, and clearance times to expeditiously remove a motor vehicle crash or incident from the roadway while providing the best real-time information to motorists, resulting in a safer highway environment for both incident responders and motorists*

