



**Florida Department of Transportation District Six**  
*Transportation Systems Management & Operations*  
1001 NW 111th Ave, Miami, FL 33172  
(305) 470-5757 • SunGuide.info



# **Monroe County Traffic Incident Management (TIM) Team Meeting November 13, 2024**

**FDOT District Six**



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**TMC Updates**

**Hurricane Wrap Up**

**TIM Innovations**

**Special Events**

**Responder Training**

**Crash Responder Safety Week**

**Monroe County Traffic Signal System**



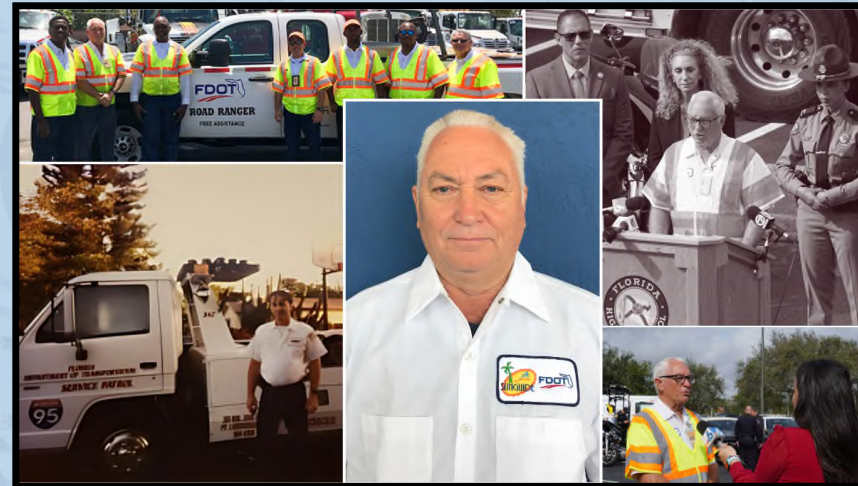
## New TMC Manager Greg Kirkpatrick

- Has supported FDOT's Transportation Systems Management and Operations (TSM&O) Program for over 12 years
- Served as an Assistant TMC Manager for 7 years and the 95 Express Program Manager for 3 years
- Promoted to TMC Manager in 2024

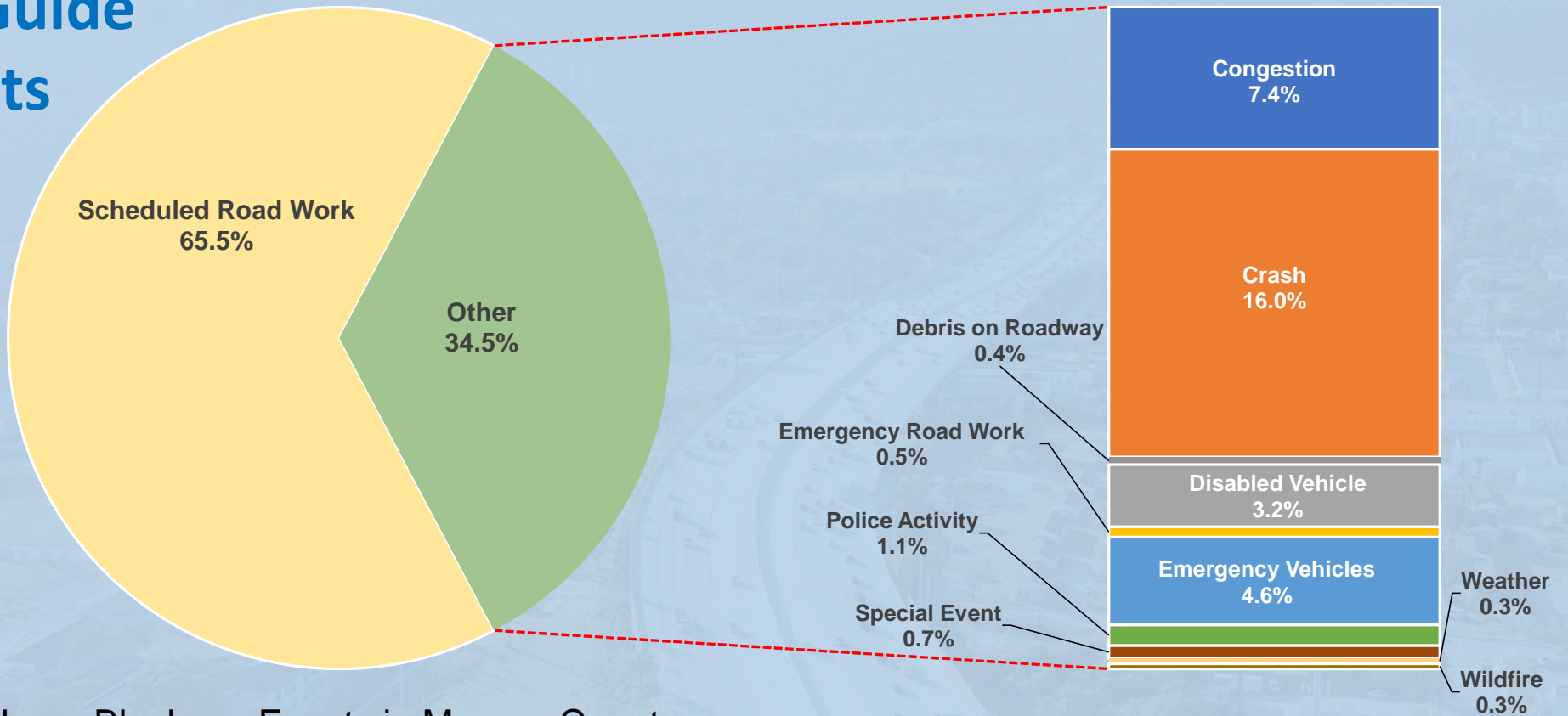


## Road Ranger Retires Leland DeBooy

- Started his Career in 1995
- 25 Years as a Road Ranger Service Patrol
- Transitioned to District Six from District Four as a Lead Road Ranger Trainer
- Mentored many Road Rangers throughout his career
- Inducted into the ITS Florida Honor Roll



## SunGuide Events



US 1 Lane Blockage Events in Monroe County  
 January through October, 2024 = 742 Events



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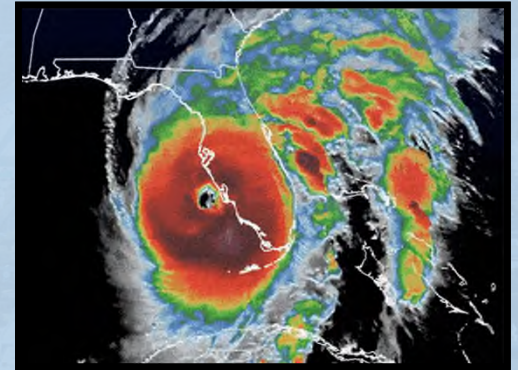
**Monroe County Traffic Signal System**



## Hurricanes Helene and Milton in District Six “Two Close Calls”

### ITS Maintenance Contractor Support

- Ensured Fuel for Backup Generators
- Prepared 10% Spare Parts for Critical Function Devices
- Sent out Service Teams to Assess Damaged Devices
- Identified a Few Damaged ITS Devices in Monroe County
- Cleaned Video Detection Camera Lenses in Key West



## District Six Monitoring Resources

### Three ITS Mobile Trailers

- CCTV Cameras
- Microwave Traffic Detectors
- Cellular Communications
- Wireless Communications
- Solar Powered
- Power Grid and Generator Compatible





## FDOT Central Office Resources

- **Five ITS Trailers**
  - Strategically stored throughout the state
  - One in Ft. Lauderdale for Districts Four and Six
  - CCTV Cameras
  - Emergency Communications (FirstNet)
- **Two Mobile Command Trailers**
  - Trailers Designed for Multiple People to Work
  - Access to Wireless Communication Networks
  - Air Conditioned
  - Stored in Tallahassee





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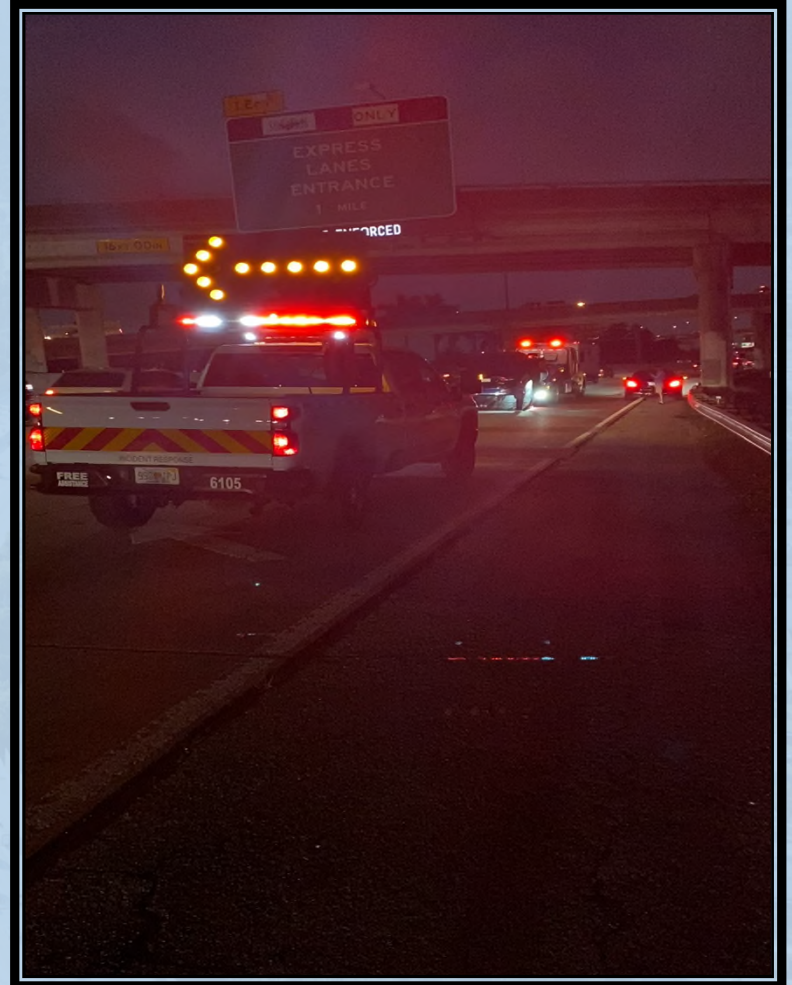
**Monroe County Traffic Signal System**



## Rear-Facing Red Lights

- All Road Ranger Vehicles and Incident Response Vehicles (IRV) Equipped with Rear-facing Red Lights
- Statewide Safety Initiative
- FDOT Research Determined Combination of Red and White Lights Work Best
- Road Rangers and IRV Feedback
  - Motorists are Noticing the Red Lights
  - Motorists are Moving Over

**COMPLETED**

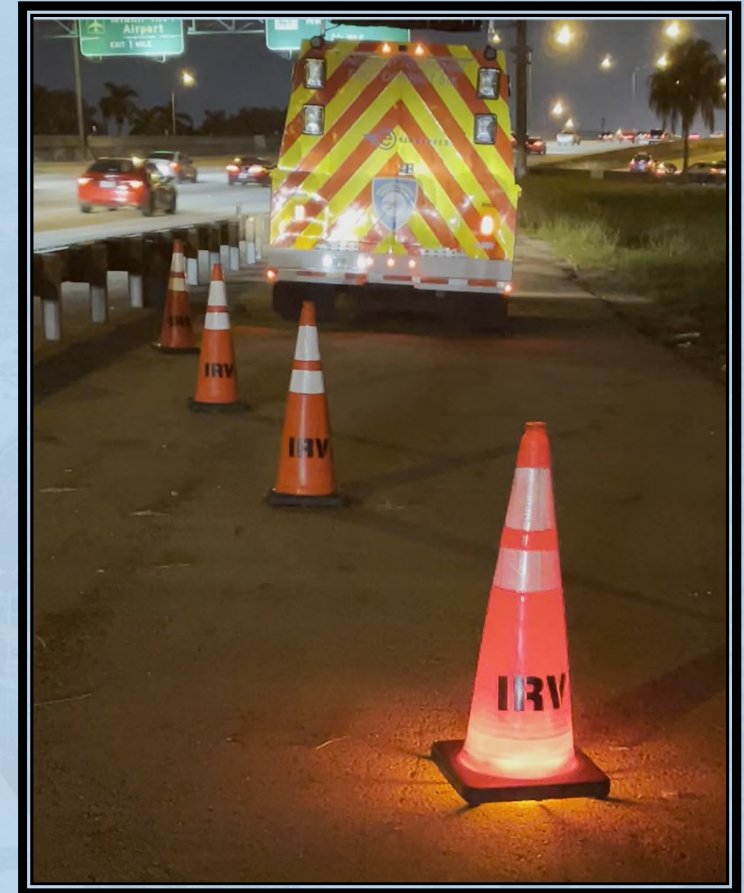


## Sequential Flares

- Additional Safety Equipment for all Road Rangers and Incident Response Vehicles
- Provides Greater Visibility to Motorists within Merging Traffic



**COMPLETED**



## Wearable Lighting

- Additional Lights to Help IRV Operators at Night
- Provides Greater Visibility to Motorists

# COMPLETED



## RISC Program - Reminder

- RISC Program Available for Monroe County
- No Participating RISC Vendor
- Potential RISC Event Nov. 4, 2024
  - Jack knifed moving van
  - Fuel leak identified
  - Northbound and southbound closed at MM 9.5





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## Notable Events

- **Key West World Championship Boat Races**  
Nov 3 – 10, 2024
- **Key Largo Bridge Run**  
April 13, 2025
- **Key Largo and Islamorada  
Food & Wine Festival**  
Jan 24 – 28, 2025
- **7 Mile Bridge Run**  
April 13, 2025





## Traffic Event Management Homestead Speedway

### Partner Agencies

- Florida's Turnpike
- Florida Highway Patrol
- City of Homestead Police
- FBI
- Homeland Security
- Fire Rescue

### Services Provided

- Traffic Management
- Dedicated Event Support





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## Details

- Register on SunGuide.info
- Quarterly Trainings
- Agency Trainings
- Train-the-Trainer Sessions

## Upcoming Trainings

- December 2024
- March 2025

### National TIM Responder Training Program Implementation Progress - As of September 23, 2024

#### Train-the-Trainer Sessions

**615** Sessions with **15,336** Participants

**23%** of Participants have Provided Training

#### In-Person Responder Training

**23,338** Sessions with **535,332** Participants

#### Web-Based Training (WBT)

**192,145** Total | **117,941** NHI | **16,321** Other

**57,883** ERSI Responder Safety Learning Network

**Total Trained: 742,813**



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## November 18 through 22, 2024

- Five-day Social Media Campaign
- FDOT Conducted Interviews with Road Rangers to Share their Daily experience
- Central Office Participated in Road Ranger Ride-alongs Districtwide
- Remind all Road Users to Slow Down, and Remain Alert when Approaching any Traffic Incident Response activity





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## System Overview

- FDOT District Six Assumed Full Operations and Maintenance of Monroe County's Traffic Signals in 2020
- Improved and Upgraded Traffic Devices, Standardizing Outdated Infrastructure
- Promote System Reliability by Training Local Partners on ITS devices
- Managed from the SunGuide TMC with Dedicated Arterial Staff



## Keys COAST Project

- Completed June 2024
- First Connected Vehicle Project in District Six
- 59 Roadside Units
- 250 On-board Units
- 40 CCTV Cameras
- Traffic Signal Detection System
  - Video Vehicle Detection System
  - Loops
- Enhances MCTSS Operation





## Project Updates

### Upcoming Construction Projects

- Emergency Signals Upgrade Project (East of Jose Marti Dr, 3rd St, 89th St and Layton City Hall)
- Project to Address Mast Arm Swaying Issues - Tarpon Basin Dr and Ocean Blvd
- New signalized intersection at US1 and North College Rd (MM 5)

### Ongoing Construction Projects

- Flashing Yellow Arrow (FYA) Implementation at US 1 and First St/Palm Av, Key West
- Installation of three new HAWK signals at A1A/ S Roosevelt Blvd, Key West



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## Project Updates



### Transit Signal Priority (TSP)

- TSP allows communications between transit vehicles and traffic signals
- Gives priority to transit vehicles through a series of signalized intersections
- Transit vehicles must have an On-Board Unit (OBU)
- District Six is working with Key West Transit
- 10 of 16 Transit Vehicles have OBUs so far

### Signal Retiming & School Zone Beacons

- Retiming of all MCTSS signals along US 1 completed
- School zone beacons and traffic signals correctly scheduled for the new school year
- Changes to the operational schedule of these devices are coordinated with MCSO



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***This Thanksgiving,  
remember to give thanks  
for your seat belt.***

**BUCKLE UP.**



**Thank You!  
Questions?**