

# Monroe County Traffic Incident Management (TIM) Team Meeting

June 27, 2024

FDOT District Six

**District Six Updates**

**Hurricane Action Plan & Preparedness**

**Construction in Monroe County**

**Special Events**

**National TIM Responder Training**





## Sergio Bravo, P.E.

- Has been supporting FDOT's Transportation Systems Management and Operations (TSM&O) program for over 24 years.
- Supported control room operations and the Road Ranger program.
- Served as the project manager on ITS device replacement contracts.
- Oversees the Monroe County Traffic Signal System.





## Sabina Henriquez

- Joined FDOT District Six in January 2024.
- Oversees Operations and Maintenance of Monroe County Traffic Signal System.
- Coordinates Compensation and Crash Reimbursements.
- Responsible for Oversight and Acceptance of Construction Projects on Arterials.
- FDOT Point of Contact for the Keys COAST Pilot Project.





## Nikolas Muriel

- Started working at District Six TMC as an Operator in 2009.
- Became a TMC Supervisor and then later the Construction Coordinator.
- Worked as the Road Ranger Contract Manager.
- Oversees the Incident Management Program for District Six.





## Major Ellery Collado

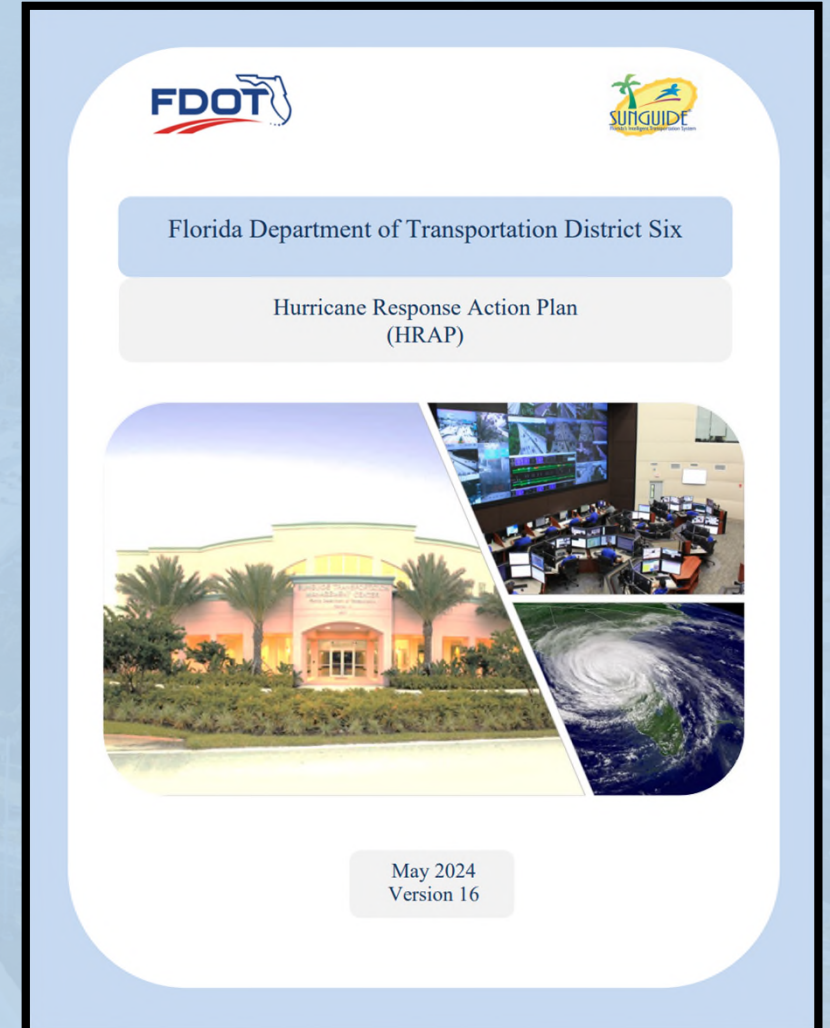
- Became Major of FHP Troop E on November 3, 2023.
- Incident Commander for Hurricane Irma's Rescue and Relief efforts in the Florida Keys in 2017.
- Served as the District Commander for Troop K West Palm and Miami Districts on Florida's Turnpike.





## Operational and Planning Strategies

- Updated Annually (May 2024)
- Policy Activities
  - Identification of TSM&O Critical Staff
  - Backup TMC Locations
- Implementation Activities
  - TMC Remote Operations
  - Procurement of Severe Weather Supplies
  - Road Ranger Staging Requirements
  - Monitoring ITS Field Equipment & Monroe County Traffic Signals





# Before the Storm

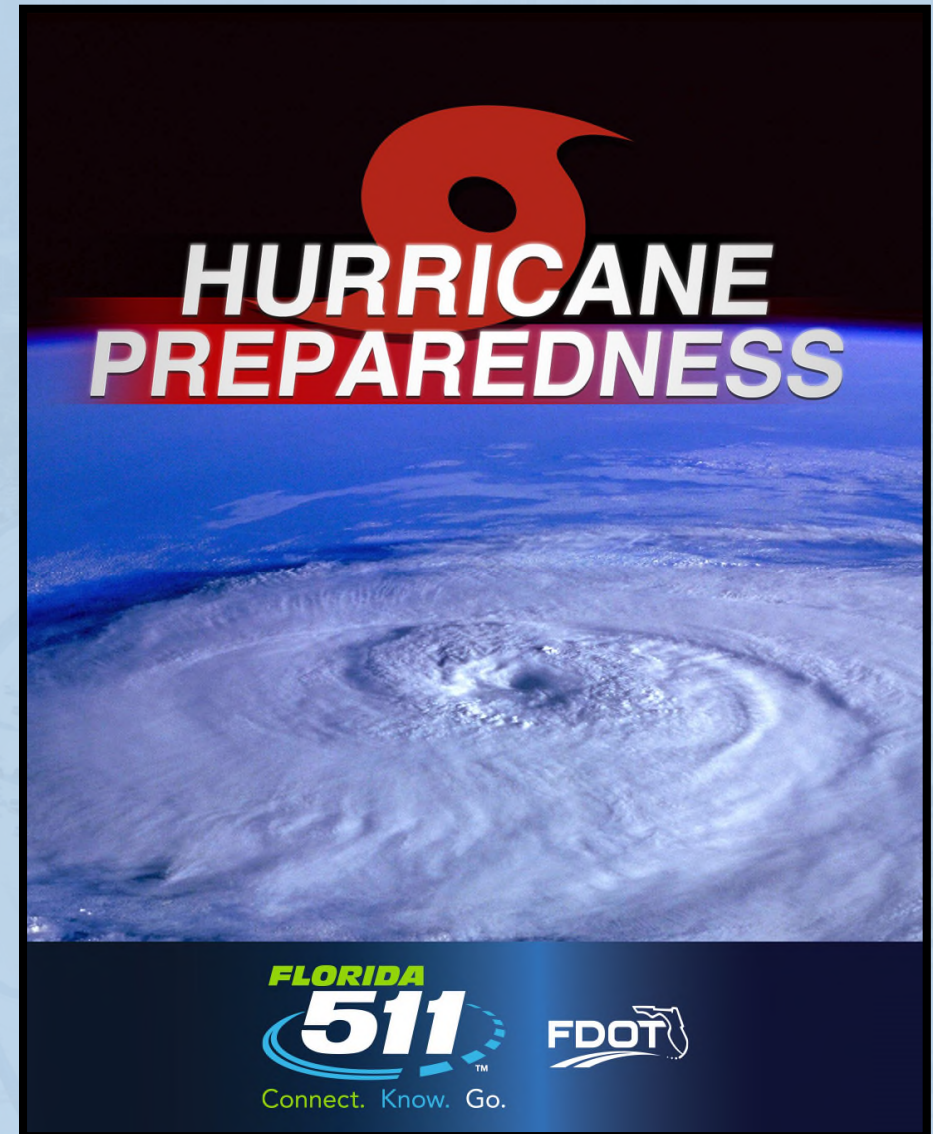
- FDOT Emergency Operations Center (EOC) and Local Law Enforcement Coordination
- Monroe County Traffic Signal System
  - Facilitate northbound evacuation
  - Implement signal timing plan favoring northbound





# Before the Storm

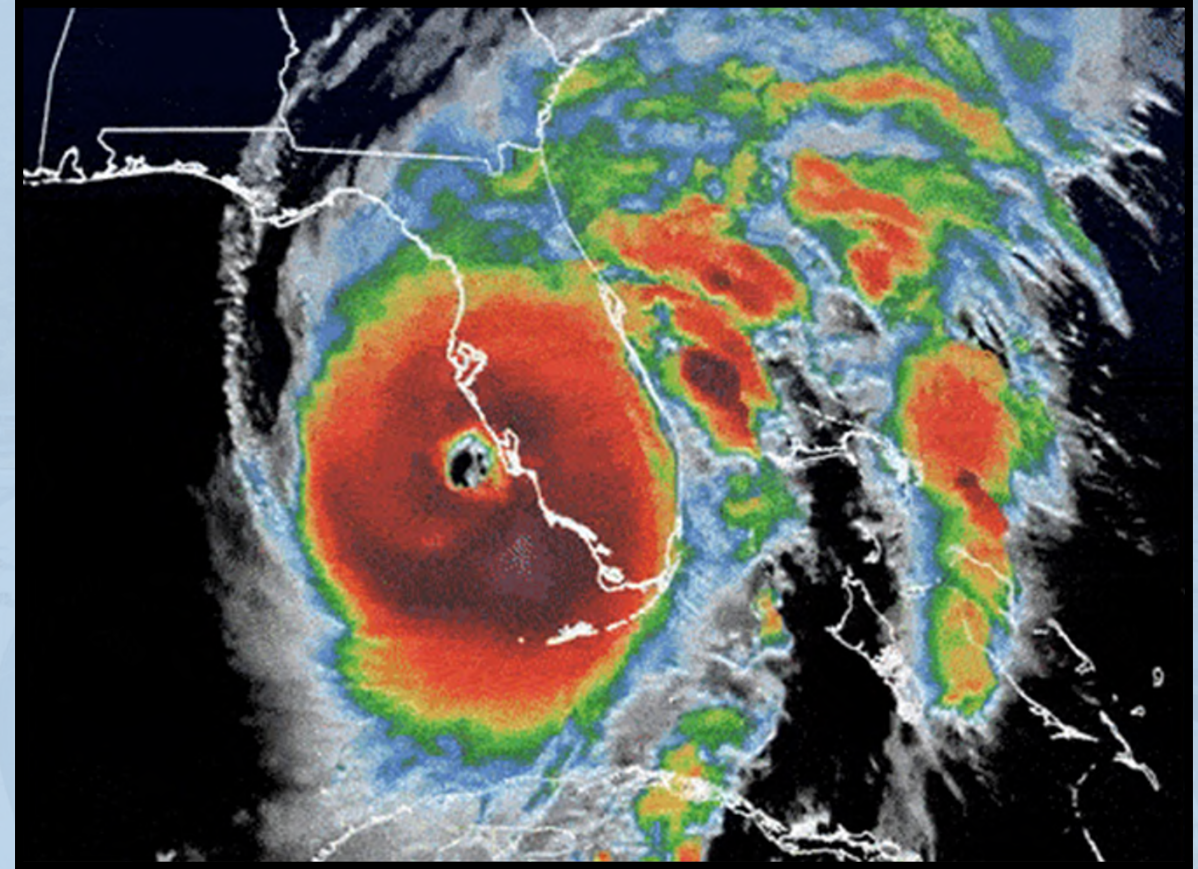
- Dissemination of Information
  - Dynamic Messages Signs (DMS)
  - Florida 511 (Website and Mobile App)
- Incident Management Support as Needed
- ITS Maintenance Contractor Coordination
  - Fuel for Backup Generators
  - Spare Parts Inventory





# During the Storm

- 35+ MPH Sustained Winds
- TMC Evacuates for Category 3 and above
- Backup Location - FTE Turkey Lake
- Hourly Updates with District Six EOC
- Checking ITS Devices and Monroe County Traffic Signal System (MCTSS)





Total Devices

2,215

Operational

2,215

Flashing / NA

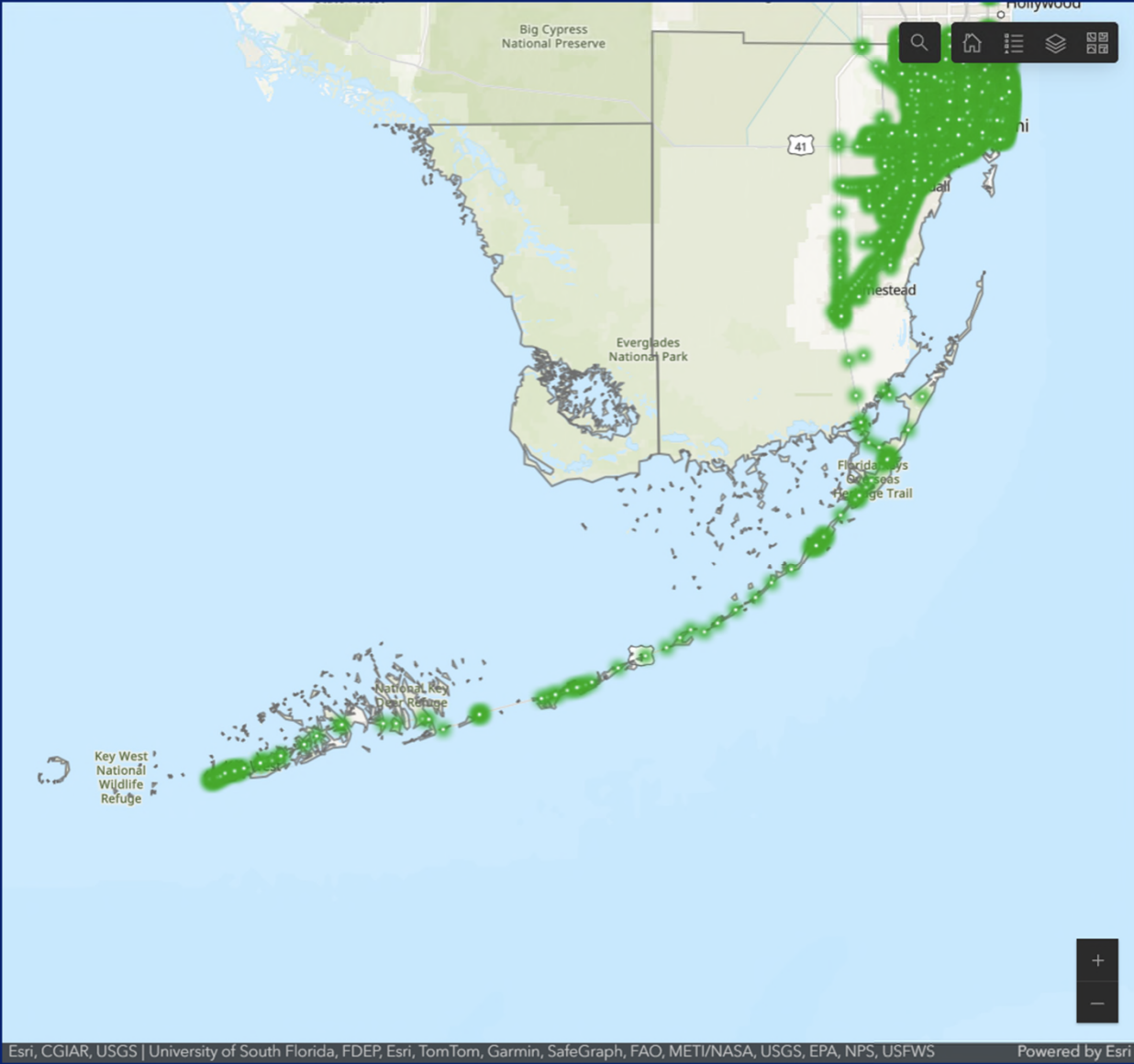
0

Not Operational

0

Not Visited

0



Device Status

Operational

% Operational

100.00%

Cabinets Flooded

0

Downed Structures

0

Generators Deployed

0

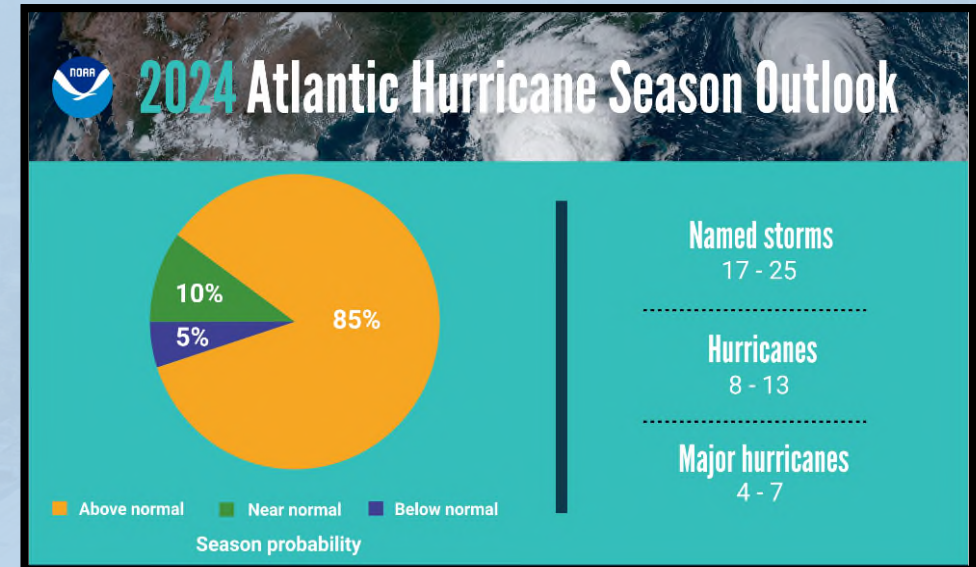
Esri, CGIAR, USGS | University of South Florida, FDEP, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS

Powered by Esri



# Hurricane Season 2024 Forecast

- The 2024 Hurricane Season is Estimated to Include:
  - 17 to 25 storms
  - 8 to 13 hurricanes
  - 4 to 7 major hurricanes (Cat 3+)
- Hurricane season is expected to be the most active on record.
- Increased influence from La Niña in the Atlantic Ocean.



| Atlantic Tropical Cyclone Names 2024 |        |        |         |
|--------------------------------------|--------|--------|---------|
| Alberto                              | Gordon | Milton | Tony    |
| Beryl                                | Helene | Nadine | Valerie |
| Chris                                | Isaac  | Oscar  | William |
| Debby                                | Joyce  | Patty  |         |
| Ernesto                              | Kirk   | Rafael |         |
| Francine                             | Leslie | Sara   |         |



## District Six Monitoring Resources

- 3 ITS Mobile Trailers
  - CCTV Camera
  - Microwave Traffic Detector
  - Cellular Communication
  - Wireless Communication
  - Solar Powered
  - Power Grid and Generator Compatible





## FDOT Central Office Resources

- 5 ITS Trailers
  - Strategically Stored throughout State
  - One in Ft. Lauderdale for Districts 4 and 6
  - CCTV Camera
  - Emergency Communications FirstNet
- 2 Mobile Command Trailers
  - Trailers Designed for Multiple People to Work
  - Access to Several Wireless Communication Networks
  - Air Conditioning
  - Stored in Tallahassee





# Construction Updates

- Scheduled Projects Set to Begin
  - US 1/Overseas Hwy From MM 108 to MM 112
  - US 1/Overseas Hwy From MM 36 to MM 38
- Completed Projects
  - Overseas Hwy Resurfacing from MM 70 to MM 80
  - Keys COAST





# Keys COAST Pilot Project

- Project Completed on June 3, 2024
- First Connected Vehicle Project in District Six
  - 59 Roadside Units (RSU)
  - 165 Onboard Units (OBU)
    - Monroe County
    - Islamorada
    - FDOT
    - Key Largo Fire Department
    - Key West Police and Fire
- Signalized Intersections
  - 40 CCTV cameras
  - Traffic detection upgraded
- Enhances Monroe County Traffic Signal System (MCTSS)



## Contact Information:

FDOT District Six TMC: 305-470-5757



## Independence Day Holiday

July 4, 2024

- Traffic Impact Expected





## Lobster Mini Season

July 24, 2024 through July 25, 2024

- Traffic Impact Expected





## Fantasy Fest 2024

Oct. 18, 2024 through Oct. 27, 2024

- Traffic Impact and Road Closures Expected

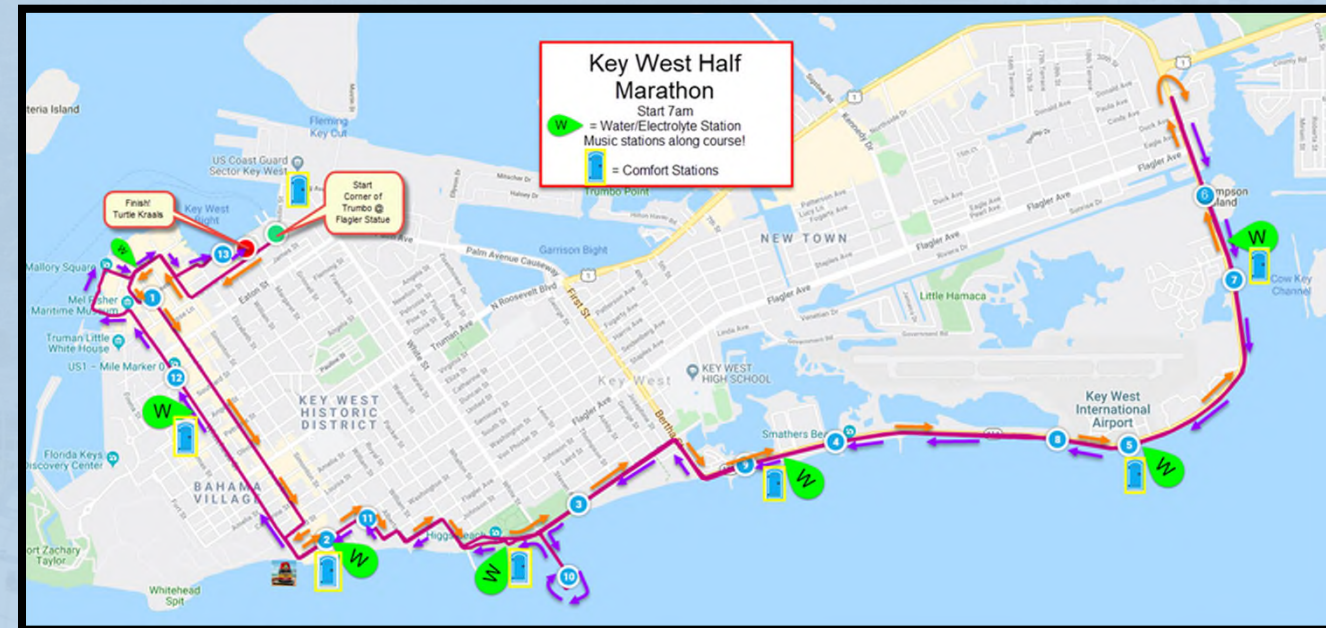




## The Southernmost Marathon & Half Marathon

October 13, 2024

- Higgs Beach Key West
- Traffic Impact and Closures Expected





## Key West Jimmy Buffet Memorial Event

September 1, 2024

- Traffic Impact and Road Closures Expected





## Training

- 🚧 In-Person Training
- 🚧 Field Responder Safety Course
- 🚧 FHWA Training Certificate
- 🚧 Register on [SunGuide.info](https://www.sunguide.info)

## Upcoming Trainings

- 🚧 September 2024
- 🚧 December 2024





# Thank You!

