



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



Miami-Dade / Broward County Traffic Incident Management Team Meeting

FDOT District Six

October 2, 2024

Road Ranger Updates

Crash Responder Safety Week

National TIM Responder Training

Special Events

Wrong Way Detection System

Incident Management Stats

Rapid Incident Scene Clearance (RISC)



Leland DeBooy

- Started his career in 1995
- 25 Years of 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



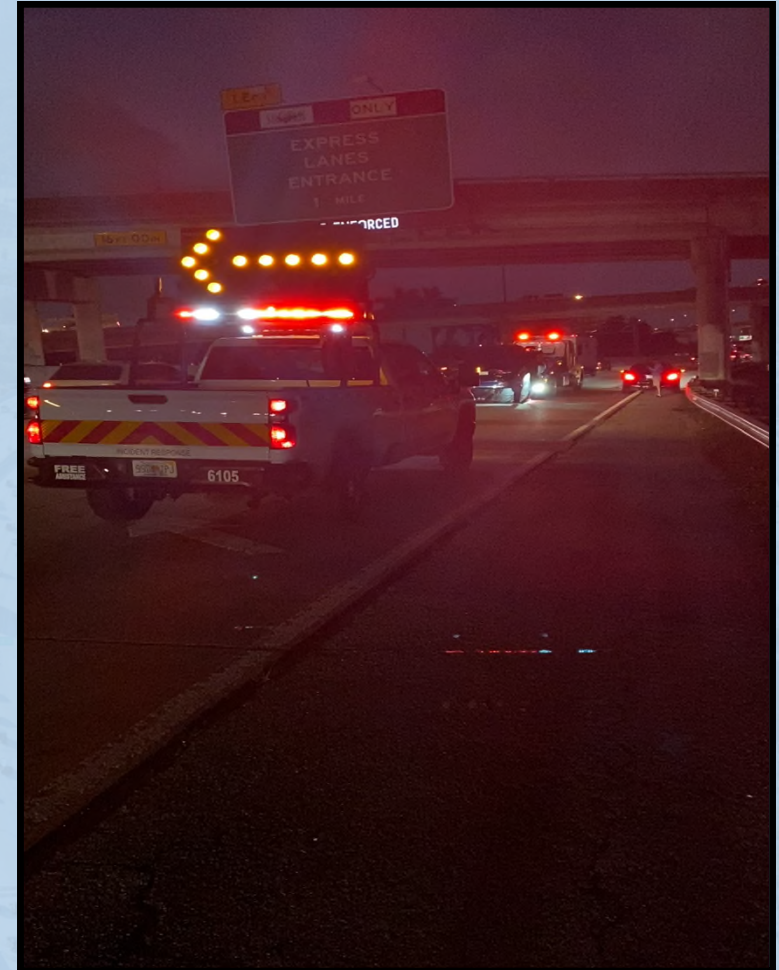
Sequential Flares

- Additional safety equipment for all Road Rangers and Incident Response Vehicles
- Provides greater visibility to motorists especially with merging traffic



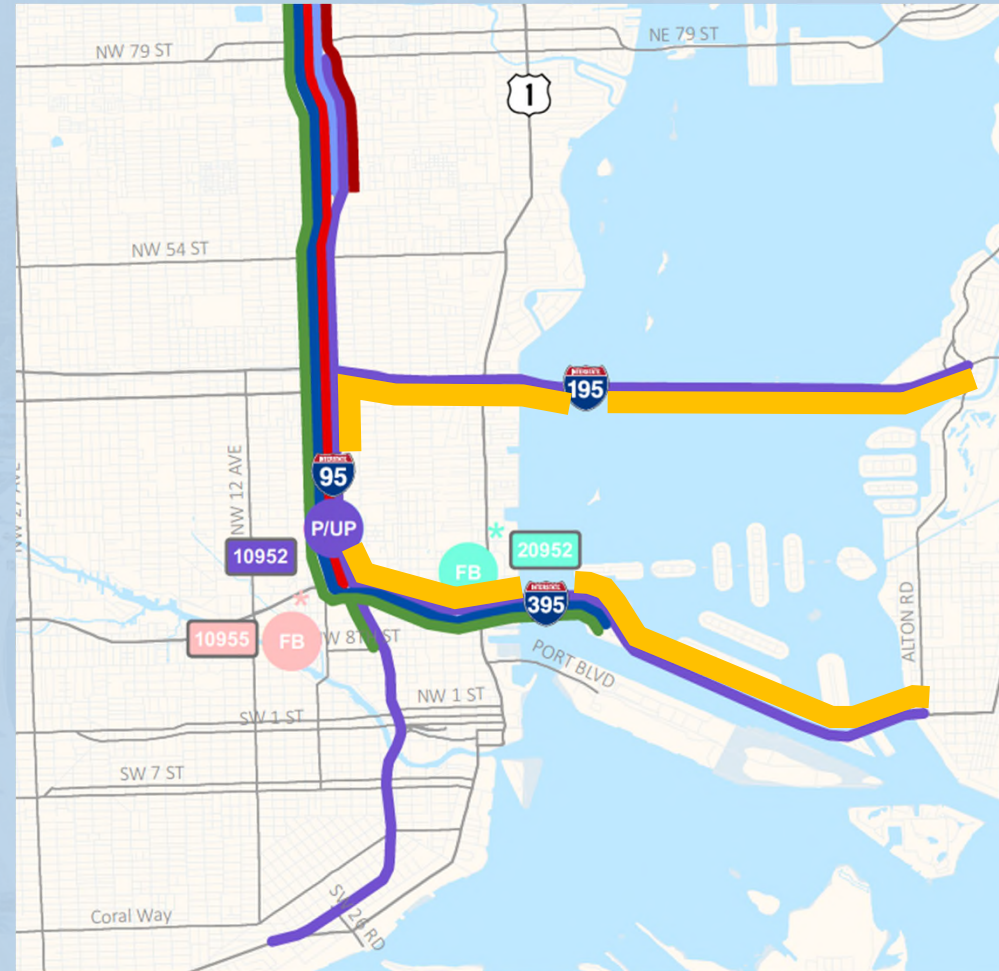
Rear-Facing Red Lights

- 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



Road Ranger Beat I-195 / I-395

- One Pickup Truck
- Patrolling Times
 - Monday through Friday
 - 5:00 AM to 9:00 PM
- Standard Pickup Truck Equipment with Gasoline
- Since February 2023
 - 3,010 assists with 4,801 activities
 - Initial improvements along I-195
- Will Conduct Evaluation Study



Road Ranger Updates

Crash Responder Safety Week

National TIM Responder Training

Special Events

Wrong Way Detection System

Incident Management Stats

Rapid Incident Scene Clearance (RISC)



November 18 through 22, 2024

- Five-Day Social Media Campaign with Videos
- CRSW-Focused Articles on SunGuide.info
- Dynamic Message Sign Messaging
- Road Rangers with CRSW Handouts
- [FHWA CRSW Campaign Toolkit](#)



Road Ranger Interviews

- FDOT Central Office conducted interviews with Road Rangers to share their daily experience
- FDOT Central Office participated in Road Ranger ride-along
- Will be used to promote safety awareness for first responders during CRSW
- Inform the public about the daily duties of Road Rangers



Social Media Campaign

- FDOT District Six uses social media for public outreach
- Safety messages and video are uploaded to share experiences
- Bring awareness about the Road Ranger and Incident Management programs



Road Ranger Updates

Crash Responder Safety Week

National TIM Responder Training

Special Events





Wrong Way Detection System

Incident Management Stats



Rapid Incident Scene Clearance (RISC)



Details

-  In-Person Training
-  Field Responder Safety Course
-  FHWA Training Certificate
-  Register on SunGuide.info

Upcoming Trainings

-  December 2024
-  March 2025

National TIM Responder Training Program Implementation Progress

- As of July 29, 2024



Train-the-Trainer Sessions

- 607 sessions with 15,253 participants
- 23% of participants have provided training



In-Person Responder Training

- 23,098 sessions with 530,014 participants



Web-Based Training (WBT)

- 188,130 Total | 115,489 NHI | 16,321 Other
- 56,320 ERSI Responder Safety Learning Network



Total Trained: 733,397

Road Ranger Updates

Crash Responder Safety Week

National TIM Responder Training

Special Events

Wrong Way Detection System

Incident Management Stats

Rapid Incident Scene Clearance (RISC)



Hard Rock Stadium

- FDOT District Six provides traffic support for special events at the Hard Rock Stadium.
 - Copa America 2024
 - University of Miami football games
 - Orange Bowl
 - Miami Dolphin football games
 - Miami Grand Prix
 - Concerts



Hard Rock Stadium

- Partner Agencies
 - Florida's Turnpike
 - Florida Highway Patrol
 - Miami-Dade Fire Rescue
 - Miami-Dade Police Department
 - Shuttle Bus Provider
- Services Provided
 - Traffic Management
 - CCTV Camera Images
 - Travel Times



Road Ranger Updates

Crash Responder Safety Week

National TIM Responder Training

Special Events

Wrong Way Detection System

Incident Management Stats

Rapid Incident Scene Clearance (RISC)



Wrong Way Detection System

Initial WWDS

Phase 1 Project Locations

Phase 2 Project Locations

Phase 3 Project Locations

Phase 4 Project Locations

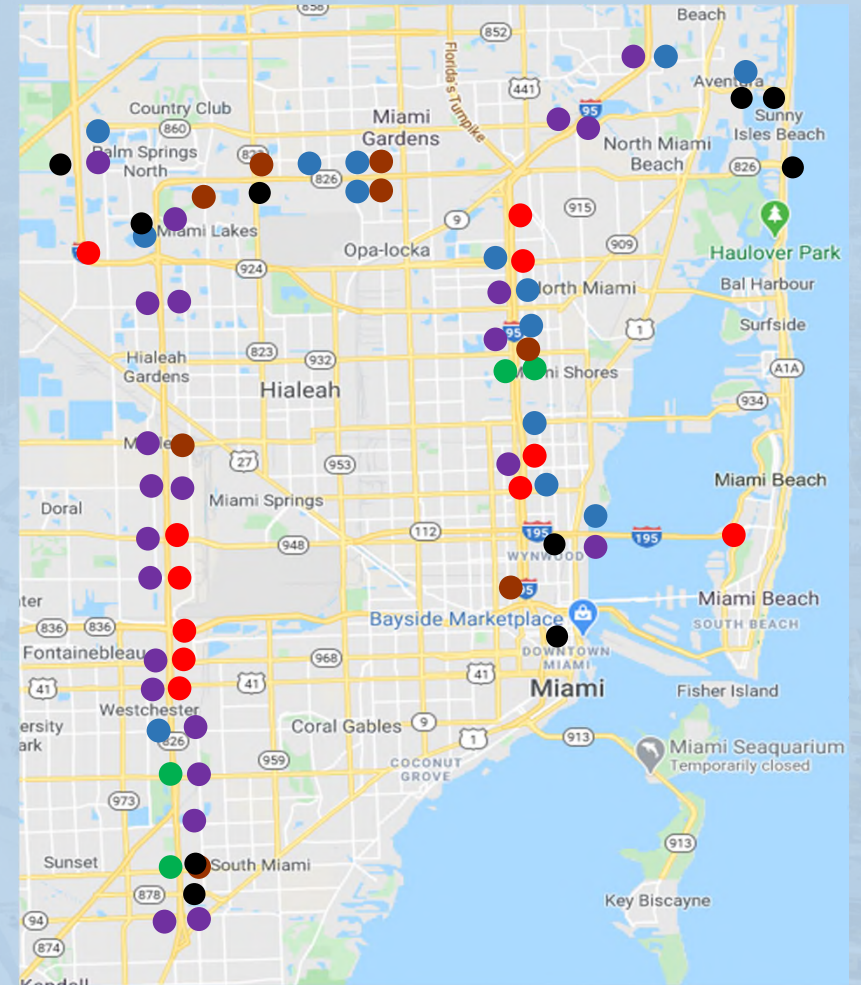
Phase 5 Project Locations

74 WWDS

Other Projects 21 WWDS

TOTAL 95 WWDS

- Complete
- Complete
- Construction
-
-
-



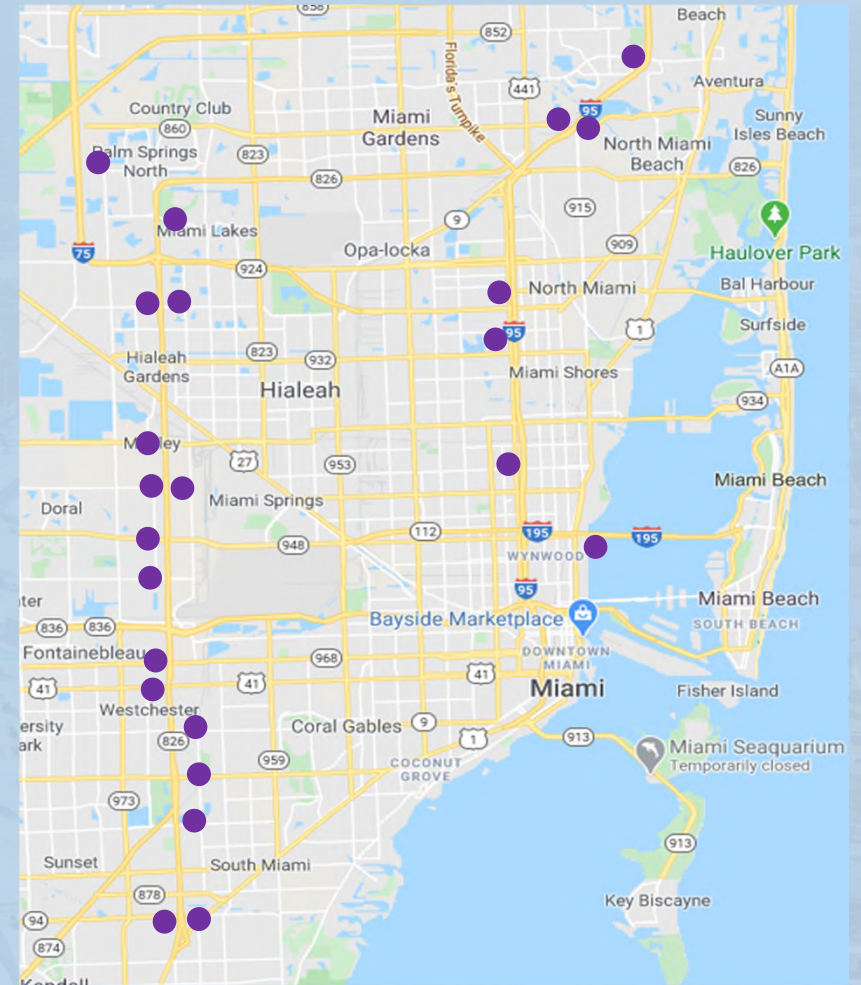
Wrong Way Detection System

Benefits

- Quick detection of wrong way drivers
- Notify motorists of a wrong way driver by utilizing Dynamic Message Signs
- TMC will notify Road Rangers and FHP

Goals

- Prevent a vehicle from entering the highway
- Vehicle self-correction
- Early detection



07-20-2024 Sat 19:36:03

Bottom to top

Top to bottom

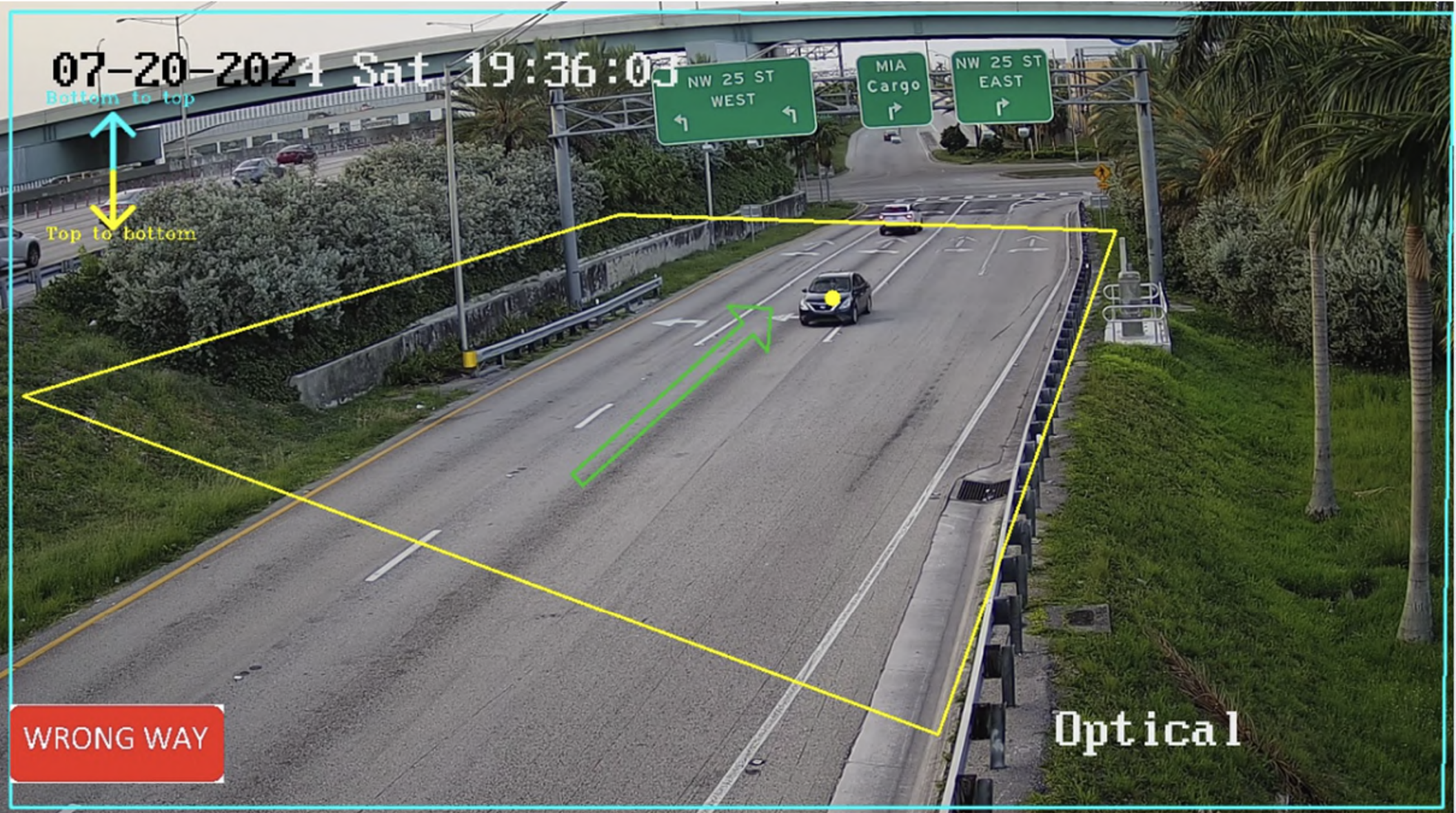
NW 25 ST WEST

MIA Cargo

NW 25 ST EAST

WRONG WAY

Optical



07-20-2024 Sat 19:36:07

Bottom to top

Top to bottom

NW 25 ST WEST

MIA Cargo

NW 25 ST EAST



WRONG WAY

Optical



2024 Oct 19:36:15

Bottom to top



Top to bottom



NO U-TURN



Confirmation

WRONG WAY



07-20-2024 Sat 19:36:18

Bottom to top



Top to bottom



NO HOV 3+
NO HOV 3+
NO HOV 3+

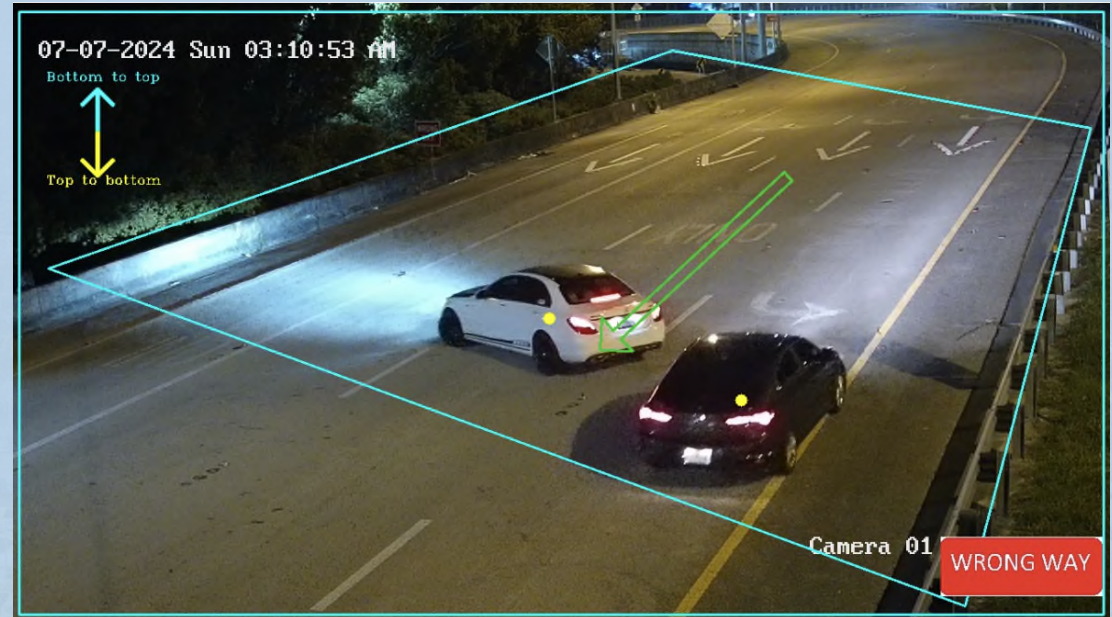
NO HOV 3+
NO HOV 3+



Confirmation
WRONG WAY

Wrong Way Detection System

- Multiple Image Captures
- Cameras Upstream from Location
- BOLO (“Be on the Lookout”) to Road Rangers and Incident Response Vehicle Operators
- FHP Notification
- Emails to FDOT
- FL511 Notification
- DMS Message

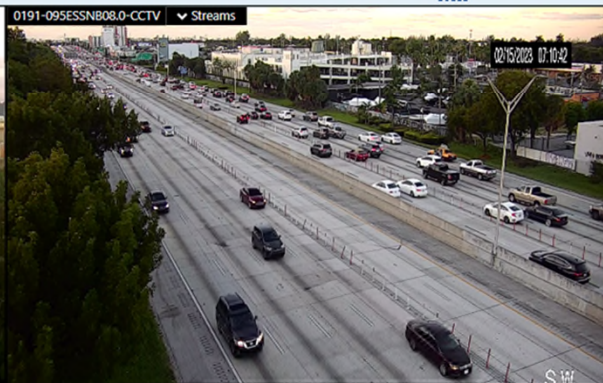


**WRONG WAY
DRIVER REPORTED
USE CAUTION**

Resolve Alarm | Create New Event | Create Secondary Event | Associate to Existing Event | Acknowledge and Take Ownership | Dismiss as False Alarm | View Event Details | Find on Map

| Detection Time | Speed | Direction | Roadway | Location Description | Notification Device | Alert Type | Associated Event |
|------------------|-------|-------------|---------|----------------------|---------------------|------------------|-------------------------|
| 02/15/2023 00:59 | | Northbou... | I-95 | I-95 NB@NW 95 ST | WWD:I-95NB@NW95ST | Wrong Way Driver | 1150798 |

7 of 8



Road Ranger Updates

Crash Responder Safety Week

National TIM Responder Training

Special Events

Wrong Way Detection System

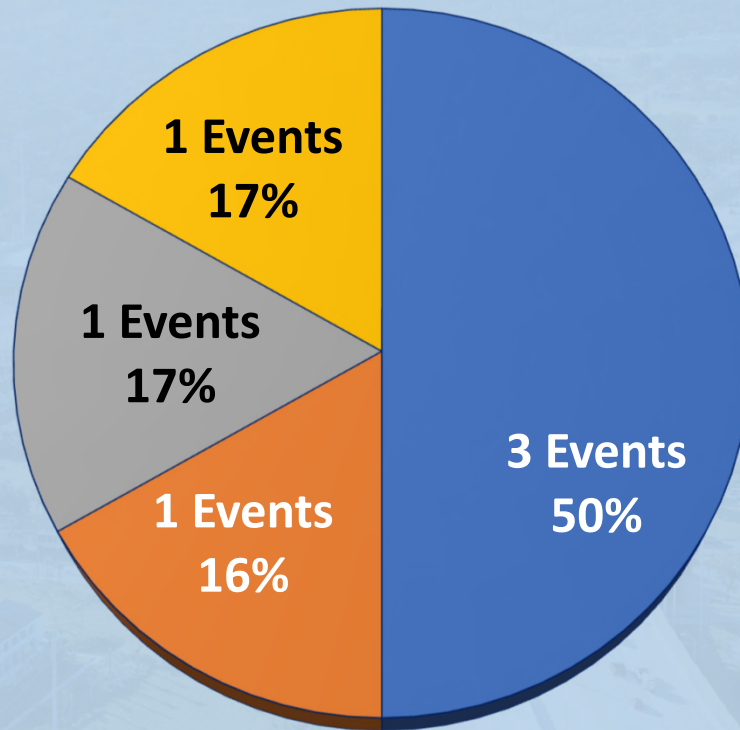
Incident Management Stats

Rapid Incident Scene Clearance (RISC)



Rapid Incident Scene Clearance (RISC)

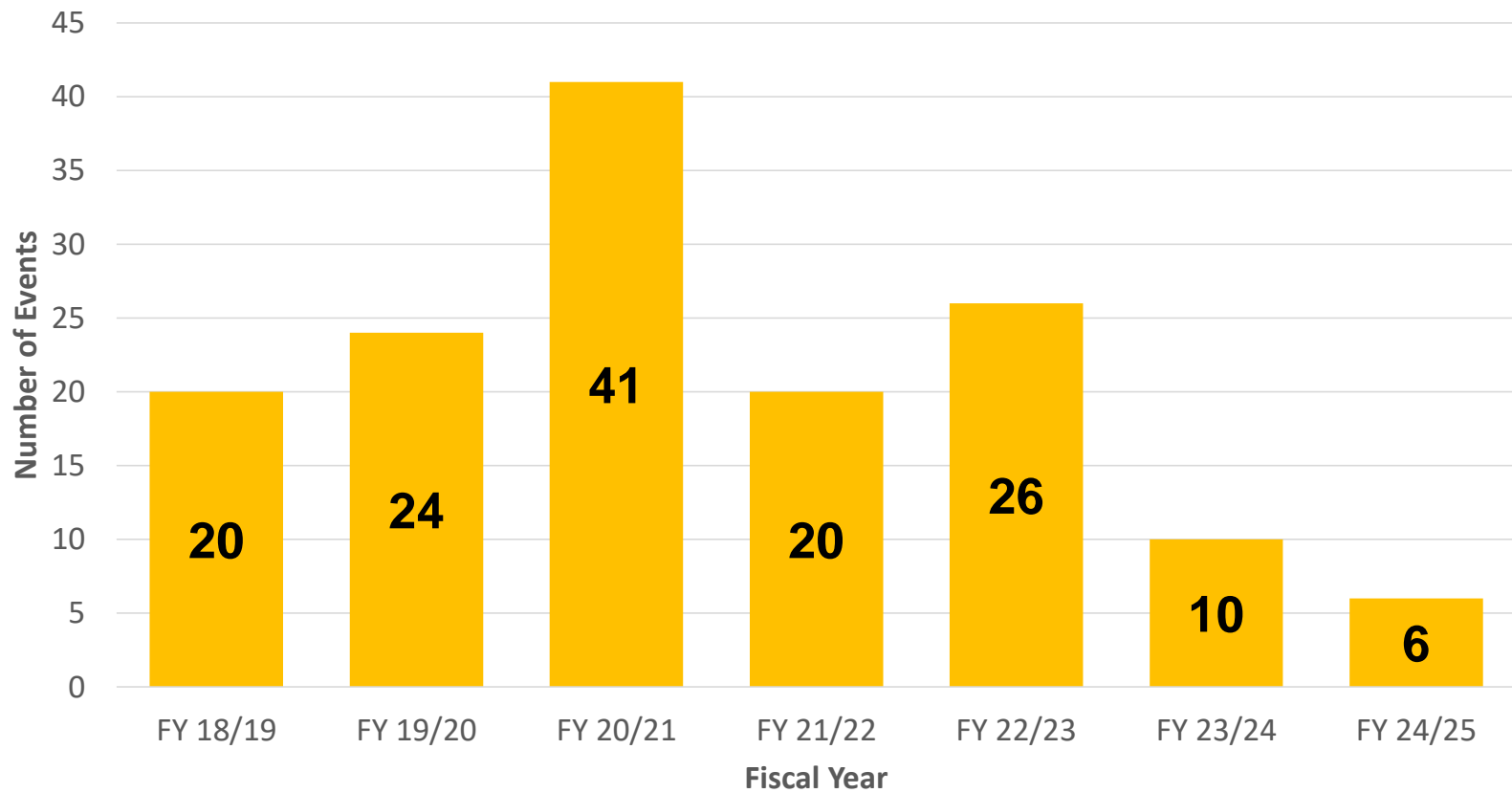
- SR 826/826 Express
- I-95/95 Express
- SR 997/Krome
- I-75/I-75 Express



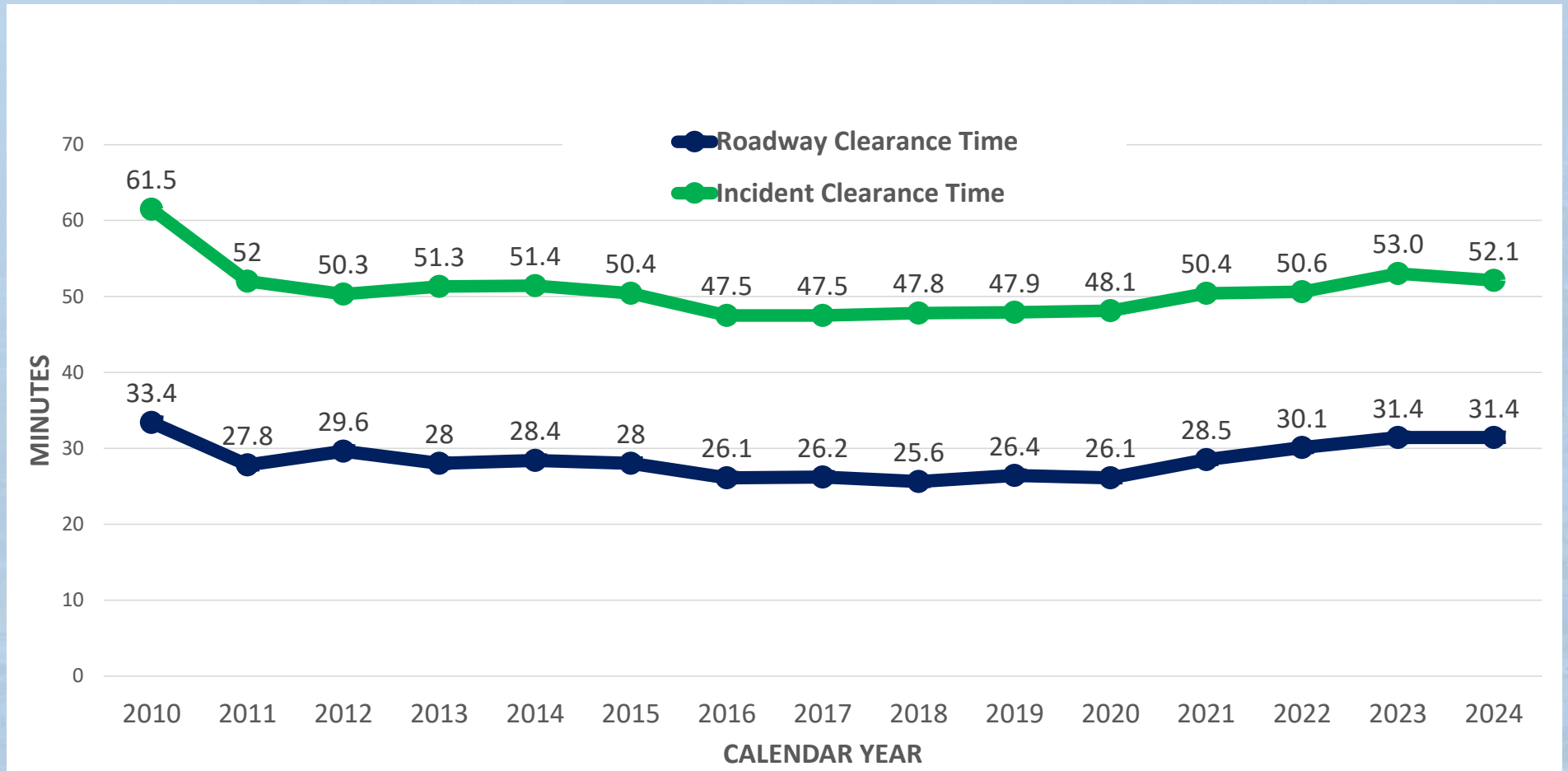
Fiscal Year 2024/2025

Incident Management Stats

District Six RISC Events



Districtwide Clearance Times



Road Ranger Updates

Crash Responder Safety Week

National TIM Responder Training

Special Events

Wrong Way Detection System

Incident Management Stats

Rapid Incident Scene Clearance (RISC)



RISC Event

- Thursday, July 18, 2024, at 05:22 PM
- Location: I-75 Southbound at Miami Gardens Drive
- Details
 - Flatbed tractor trailer wedged between bridge column and median barrier wall
 - Vehicle fire
 - Fatality
 - Potential bridge damage

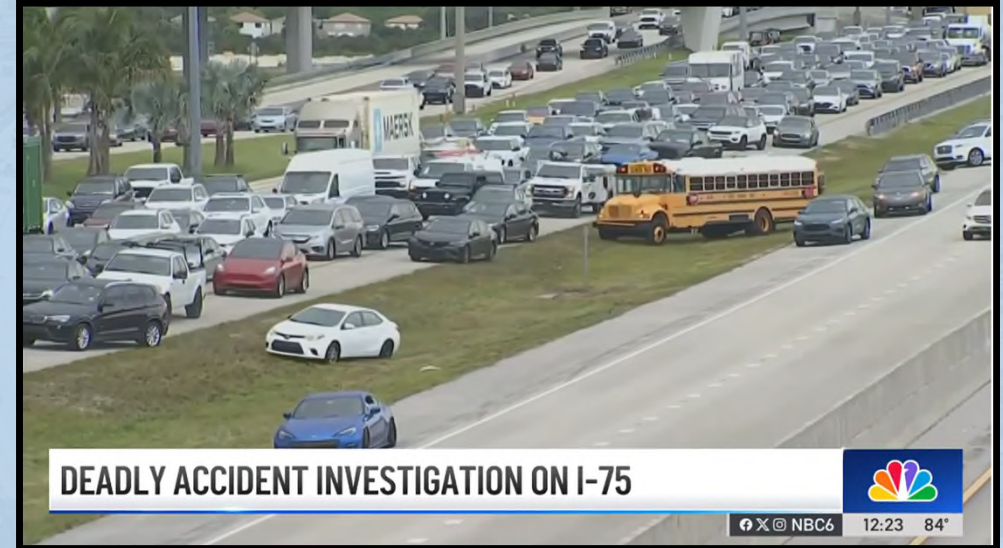






Traffic Impact

- All lanes blocked I-75 SB at Miami Gardens Drive
- I-75 SB traffic redirected to Turnpike
- 75 Express closed in Miramar
- Congestion to Pembroke Pines



07-18-2024 Thu 18:11

C 6531

E

I-75 SB

JUST NORTH OF HEFT



Vehicle Fire

- Single vehicle crash involving a flatbed tractor trailer
- The vehicle burst into flames once it crashed



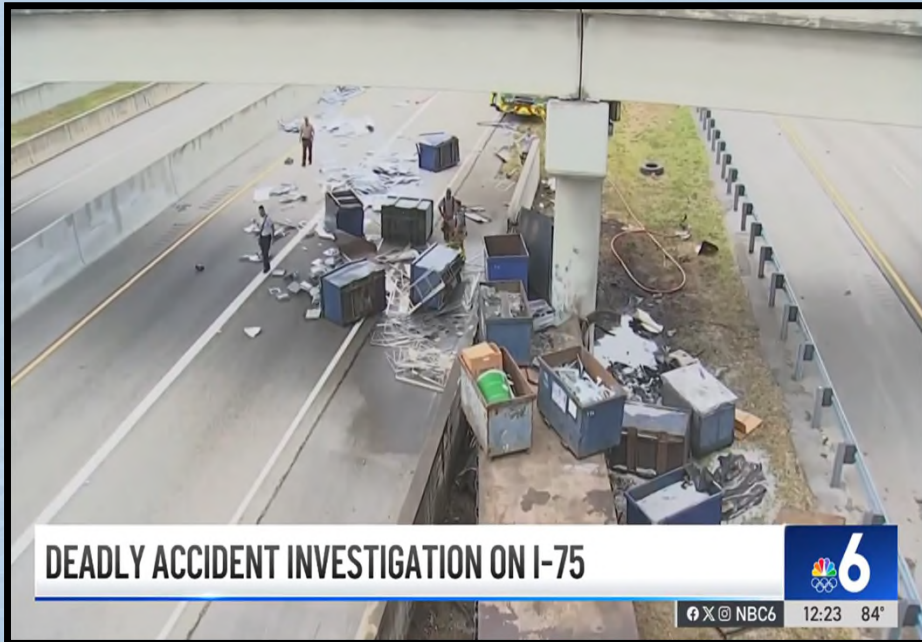
Fatality

- Driver trapped in vehicle after the crash
- Traffic Homicide Investigation (THI) conducted investigation
- Delayed start of RISC clearance



Debris on Roadway

- Truck was hauling dumpsters filled with metal material
- Dumpsters and material jettisoned forward upon impact
- Debris scattered across SB 75 Express and NB 75 Express



Structural Inspection

- Fire directly below bridge
- Potential impact damage to bridge column
- Structural inspector arrived and determined structurally sound



RISC Clearance

- RISC Vendor Kauffs Towing arrived on scene
- Vendor removed vehicle from the roadway
- Debris cleanup was conducted after the vehicle was removed



Incident Clearance / All Lanes Clear

- Lanes opened at 12:30 AM
- Total Incident Duration - 7 Hours



RISC Event

- Thursday, September 1, 2024, at 12:42 PM
- Location: I-95 Southbound, Before SR 932/ NW 103 St
- Details
 - Overturned fuel tanker with ruptured tanker
 - Spilled gasoline in the roadway
 - Prolonged road closures





Traffic Impact

- All lanes closed I-95 SB before SR-932 / NW 103 St
- Bumper to bumper congestion
- Traffic was redirected to NW 125th St



Overtaken fuel tanker

- Tropic fuel tanker with a capacity of 8,000 gallons
- Cliff Berry provided support to clean the fuel
- An influx of fuel spilled (approximately 500 gallons) onto the roadway



RISC Clearance

- Downtown Towing arrived on the scene.
- Vendor removed the tanker off the roadway.
- Fuel cleanup was conducted before tanker removal.





Incident Clearance / All Lanes Clear

- Lanes opened at 11:50 PM
- Total Incident Duration – 11 Hours
- Draining the fuel tanker and cleaning the roadway prolonged the event duration



Training Opportunity

- October 8, 9, and 10, 2024
- 9:00 AM to 3:00 PM
- Davie, Florida
- Contact for registration and information

Rebecca George

Rgeorge@cliffberryinc.com



Responding to Fuel Tank Truck Incidents
Closing the Gaps



Responding to Fuel Tank Truck Incidents
Closing the Gaps



October 8 – 10th

9:00 AM – 3:00 PM

2600 SW 71st Terrace, Davie, Florida
33314



Cliff Berry Inc. and L2 Defense's Global Preparedness Institute have partnered to offer an exclusive FREE one-day training program hosted at the Broward Fire Academy. This comprehensive program will run daily from October 8 to 10, 2024 with lunch provided on-site. The program will feature both a short PowerPoint discussions and real-life field demonstrations, providing comprehensive learning opportunities for all participants.

The program will begin with a review of managing a tank truck incident from the command post perspective and support from an EOC. Representatives from law enforcement, fire-rescue, fuel carriers, DOT, DEP, road rangers, local environmental agencies, wrecker companies, and hazmat cleanup contractors from the private sector will collaborate to discuss roles and responsibilities during such incidents. The primary objective is to enhance operational efficiency and safety protocols to effectively mitigate incidents, emphasizing the importance of a unified command approach.

Highlighting the program will be a practical demonstration featuring an overturned gasoline tank truck, providing participants with a close-up view of its components and safety features. The Cliff Berry Inc. Emergency Response Team will showcase their expertise by demonstrating the equipment and procedures necessary for safely offloading a multi-compartment aluminum DOT 406 tank trailer. Hazmat teams will actively engage alongside Cliff Berry Inc.'s Response Team, participating in fuel leak containment, trailer stabilization, atmospheric monitoring, grounding and bonding procedures, drilling operations for compartmental fuel extraction, and safe fuel transfer procedures.

Register with:

RGeorge@cliffberryinc.com

Please indicate the number of attendees from your agency and the date you plan to attend. Your response is greatly appreciated.

Thank You!

**TRANSPORTATION SYSTEMS
MANAGEMENT & OPERATIONS**
1001 NW 111th Ave, Miami, FL 33172

VISIT SUNGUIDE.INFO FOR MORE INFORMATION

