



Florida Department of Transportation District Six

Transportation Systems Management & Operations

1001 NW 111th Ave, Miami, FL 33172

(305) 470-5757 • SunGuide.info



**WELCOME TO THE
MIAMI-DADE/BROWARD
TRAFFIC INCIDENT MANAGEMENT TEAM
MEETING**

OCTOBER 6, 2021

ITEM	DESCRIPTION
1.	Purpose of the Meeting [5 Minutes]
	<p>This meeting serves as a platform for our TIM partners to highlight and discuss ongoing initiatives, activities, or events affecting the surface transportation system in southeast Florida. It also provides an opportunity to coordinate and share information regarding department related projects and incident management.</p>
2.	TIM Agency Updates [85 Minutes]
	<p>FDOT District Six</p> <p>FDOT District Four</p> <p>Florida's Turnpike Enterprise</p> <p>Miami-Dade Expressway Authority (MDX)</p> <p>Port of Miami Tunnel</p>
3.	Project Updates [20 Minutes]
	<p>I-395/SR 836/I-95 Signature Bridge Project</p> <p>Golden Glades Multimodal Transportation Facility</p>
4.	Open Discussion [10 Minutes]
5.	Adjournment



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FDOT District Six Update

Miami-Dade/Broward TIM Team Meeting
October 6, 2021

Hosted by FDOT District Six

- August 27, 2021
- Raise Awareness of the Move Over Law and Safety of Our Responders
- Media Coverage
 - CBS Channel 4
 - NBC Channel 6
 - WSVN Channel 7
 - ABC Channel 10
 - Telemundo Channel 51









Educational/Enforcement Detail

- Florida Highway Patrol - Troop E
- City of Miami Gardens PD
- City of North Miami PD
- City of North Bay Village PD
- Town of Medley PD
- City of Miami PD
- Miami-Dade County PD
- City of Coral Gables PD
- City of South Miami PD



Florida's Move Over Law

- May 1, 2002
- Emergency Vehicles
- Sanitation Vehicles
- Utility Service Vehicles
- Wreckers



Amendment Effective July 1, 2021

- Maintenance Vehicles
- Construction Vehicles



Traffic Impact

- Started July 13, 2021
- Complete Highway Closures
- Responder Coordination
 - FHP Troopers
 - Fire Rescue
 - Miami-Dade & Local PD
 - MDX
 - Road Rangers
 - DBI Services
 - IRV Operators



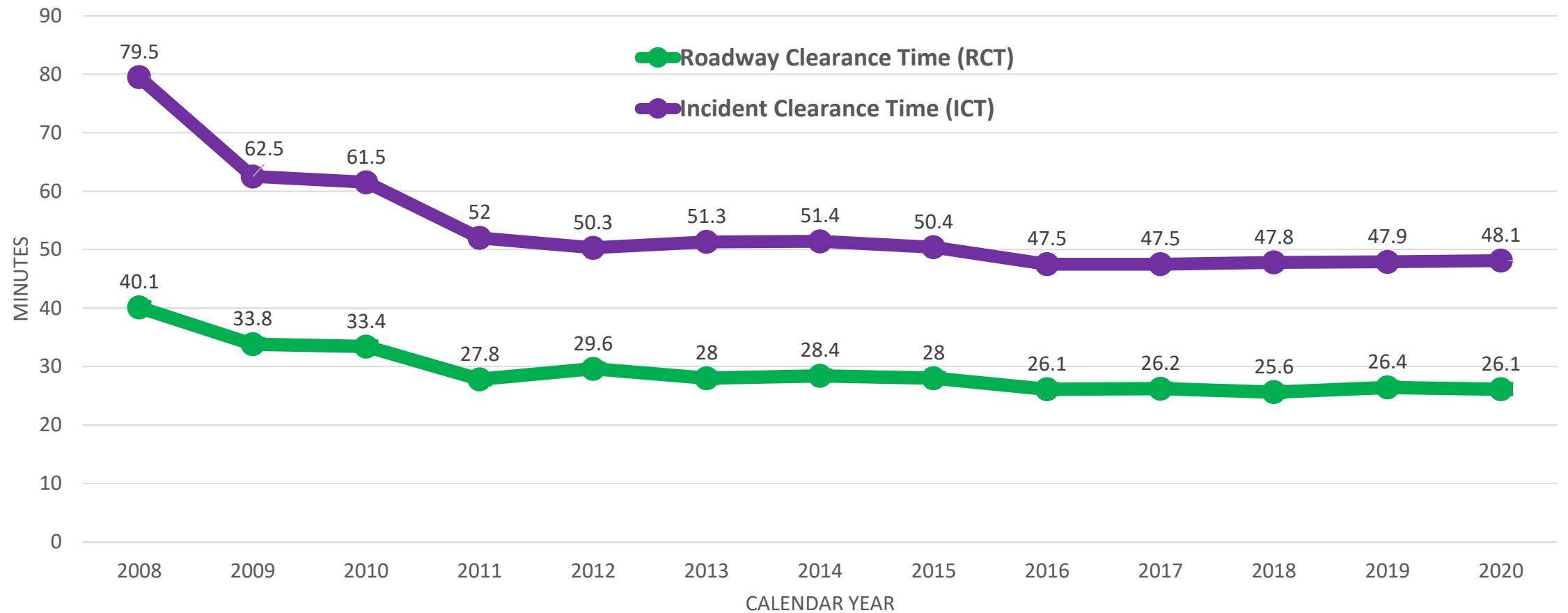
SR 826 SB at SW 24 Street



W 49 Street at W 16 Avenue



DISTRICTWIDE CLEARANCE TIMES



Impacts to Traffic

- Closures & Congestion
- Back-of-Queue Crashes
- Infrastructure Damage

Issues

- Illegal and Dangerous
- Short Duration

What Can We Do?

- Task Force
- Monitor Social Media
- Involve the Public
 - TIM Team Campaign
 - Newsletter



Back-of-Queue Major Crash

- April 6, 2021 at 12:55 AM
- SR 826 EB Before NW 27 AV
- Full Closure
- 11 Vehicles
- 1 Motorist Transported



Louis Berger Services

- New Contractor
- Effective August 1, 2021

Key Personnel

Chris Warren

- Regional Project Manager

Arlhey Carmenate

- Area Operations Manager

Manuel Gonzalez

- Area Operations Manager



Golden Glades Multimodal Transportation Facility

- Incident Management Area
- Retail Space
- Ridesharing Accommodations
- Electrical Vehicle Charging Stations



I-395/SR 836/I-95 Design-Build Project

- Anticipated Completion - Fall 2024
- Lane Closures & Full Closures
- Coordination with FHP, IRV and RR



Hard Rock Stadium

Major Closures Impacting Traffic and Neighboring TMCs

- Rolling Loud Music Festival
- Dolphins Games
- University of Miami Games
- Miami Open

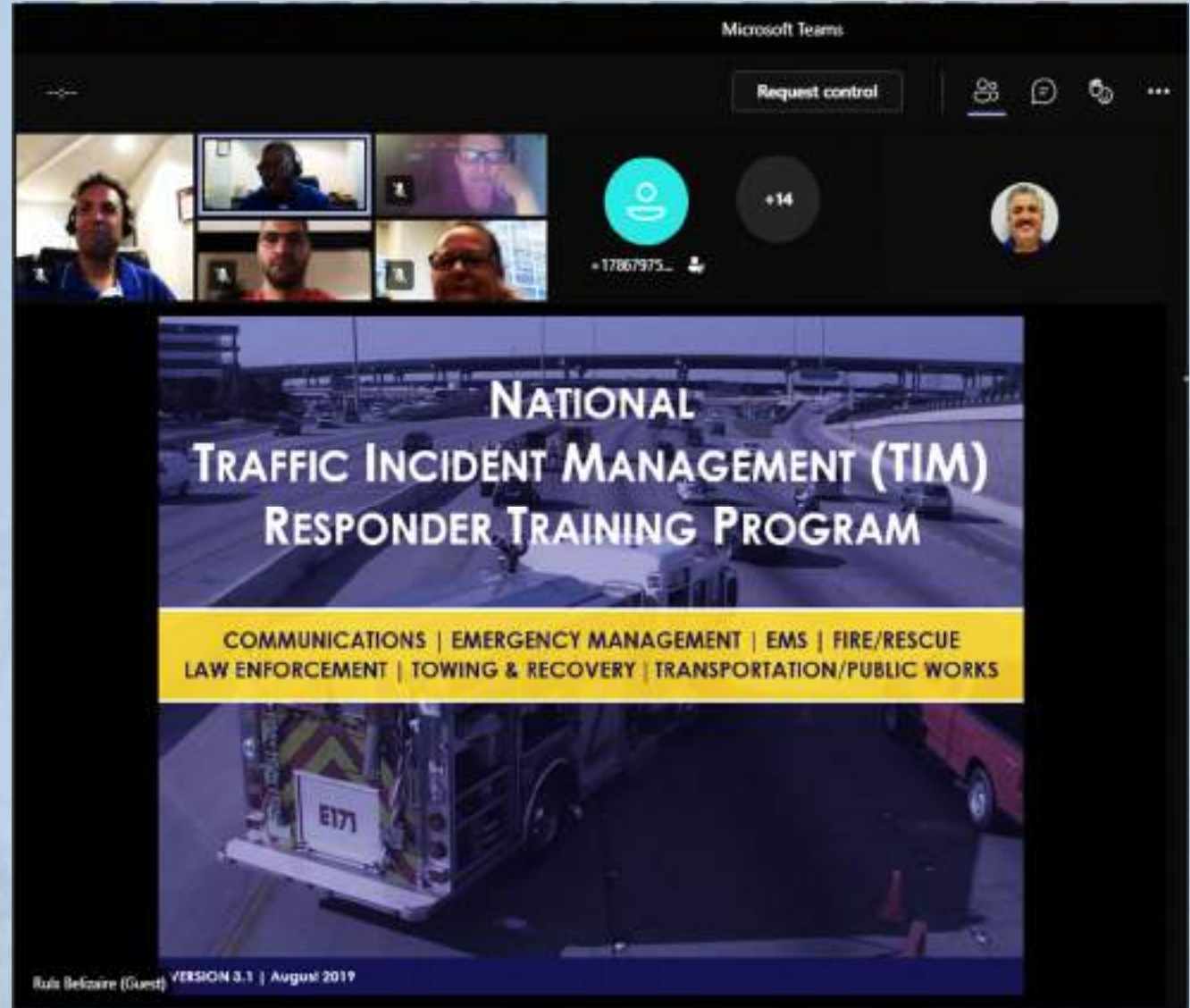


Updates

- 🚧 Additional Certified Trainers
- 🚧 Register on SunGuide.info

Upcoming Trainings

- 🚧 December 8, 2021
- 🚧 March 2022
- 🚧 June 2022



Microsoft Teams

Request control

+14

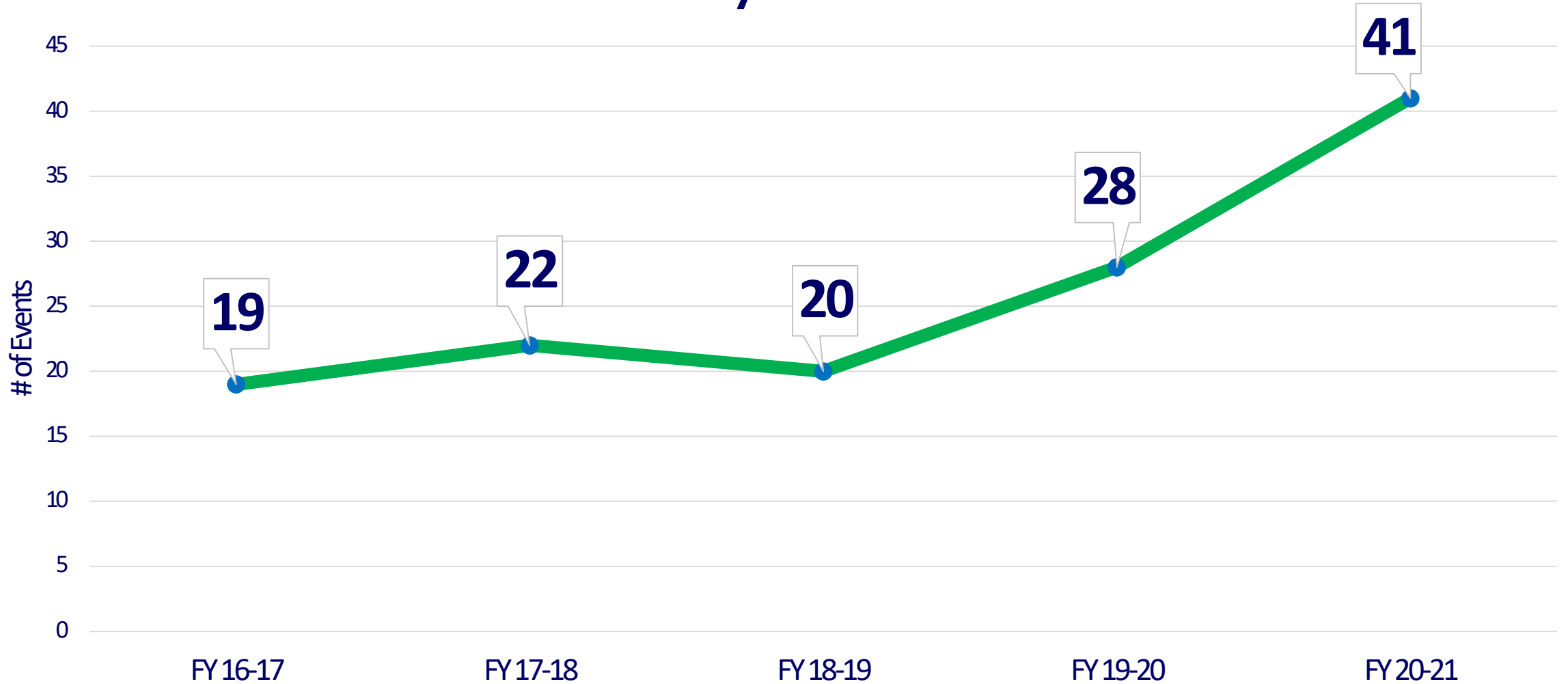
+17867975...

**NATIONAL
TRAFFIC INCIDENT MANAGEMENT (TIM)
RESPONDER TRAINING PROGRAM**

COMMUNICATIONS | EMERGENCY MANAGEMENT | EMS | FIRE/RESCUE
LAW ENFORCEMENT | TOWING & RECOVERY | TRANSPORTATION/PUBLIC WORKS

Ruis Belcaine (Guest) VERSION 3.1 | August 2019

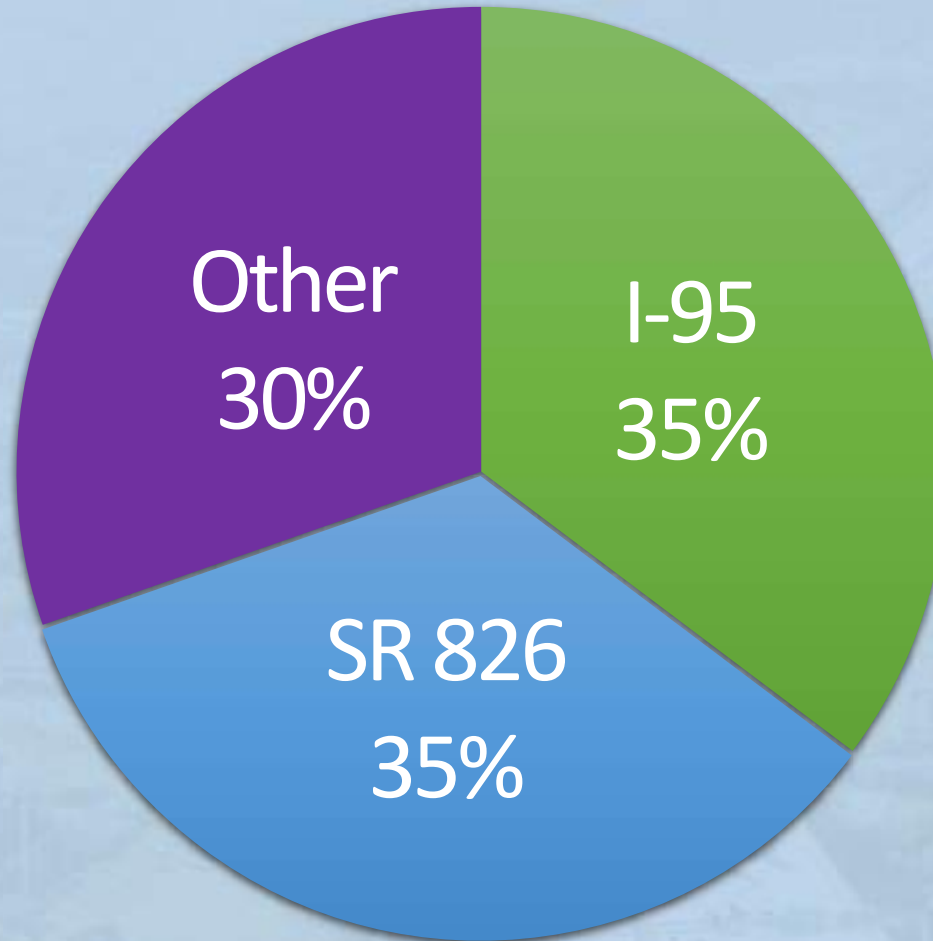
Events by Fiscal Year



All Events by Roadway

Other

- I-75
- I-195
- I-395/MacArthur
- Monroe County
- US 27
- SR 997/Krome Avenue
- 95 Express
- 826 Express
- 75 Express



I-395 Westbound Before I-95

- May 3, 2021
- Boat Fell from Trailer
- Heavy Congestion
- Motorist Departed



Golden Glades Interchange

- August 24, 2021
- Split Scene Crash
 - 95 Express NB Ramp to Flyover
 - SR 9 Ramp to SR 826/Turnpike
 - Chevy SUV vs. Subaru SUV

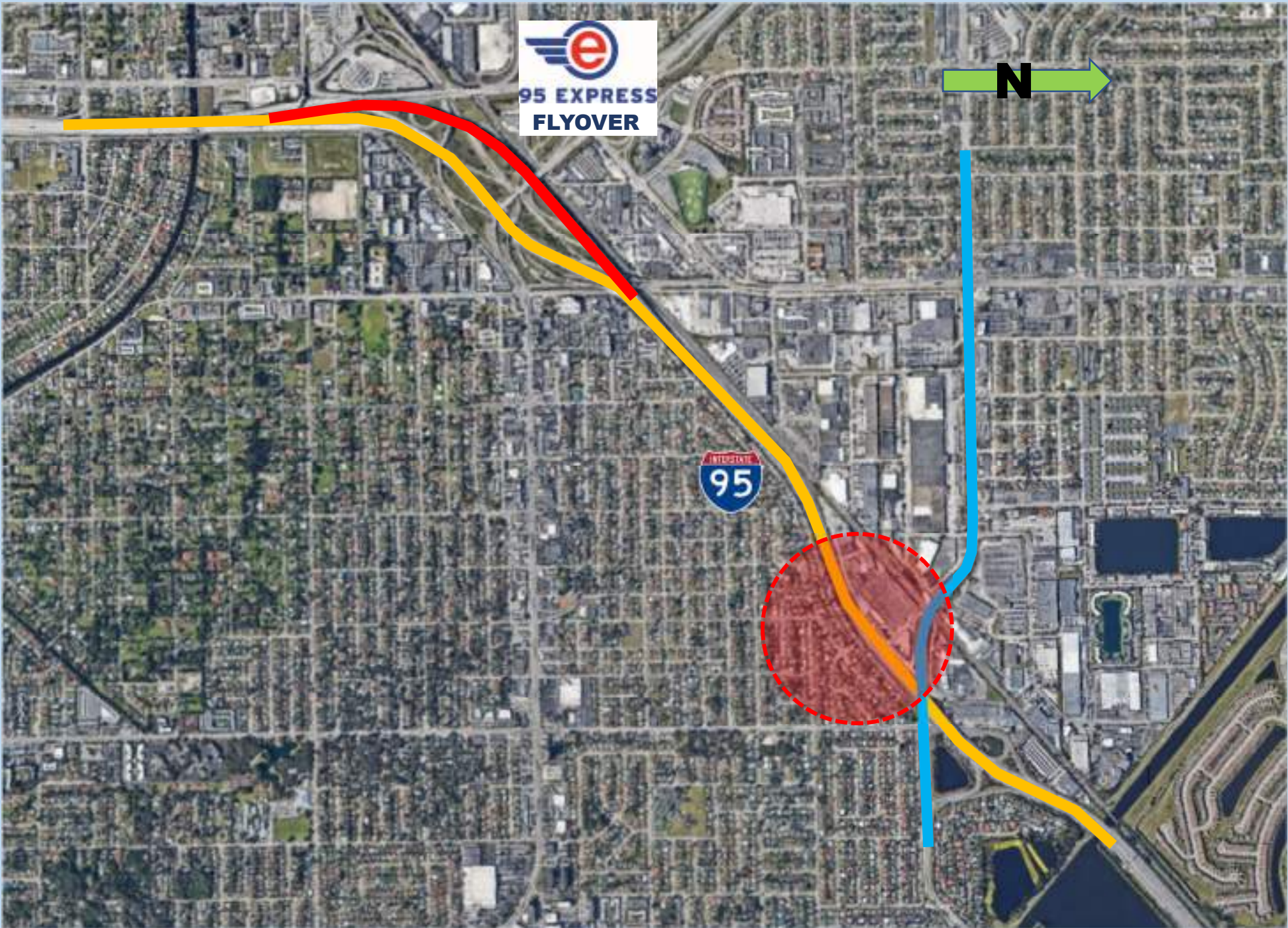


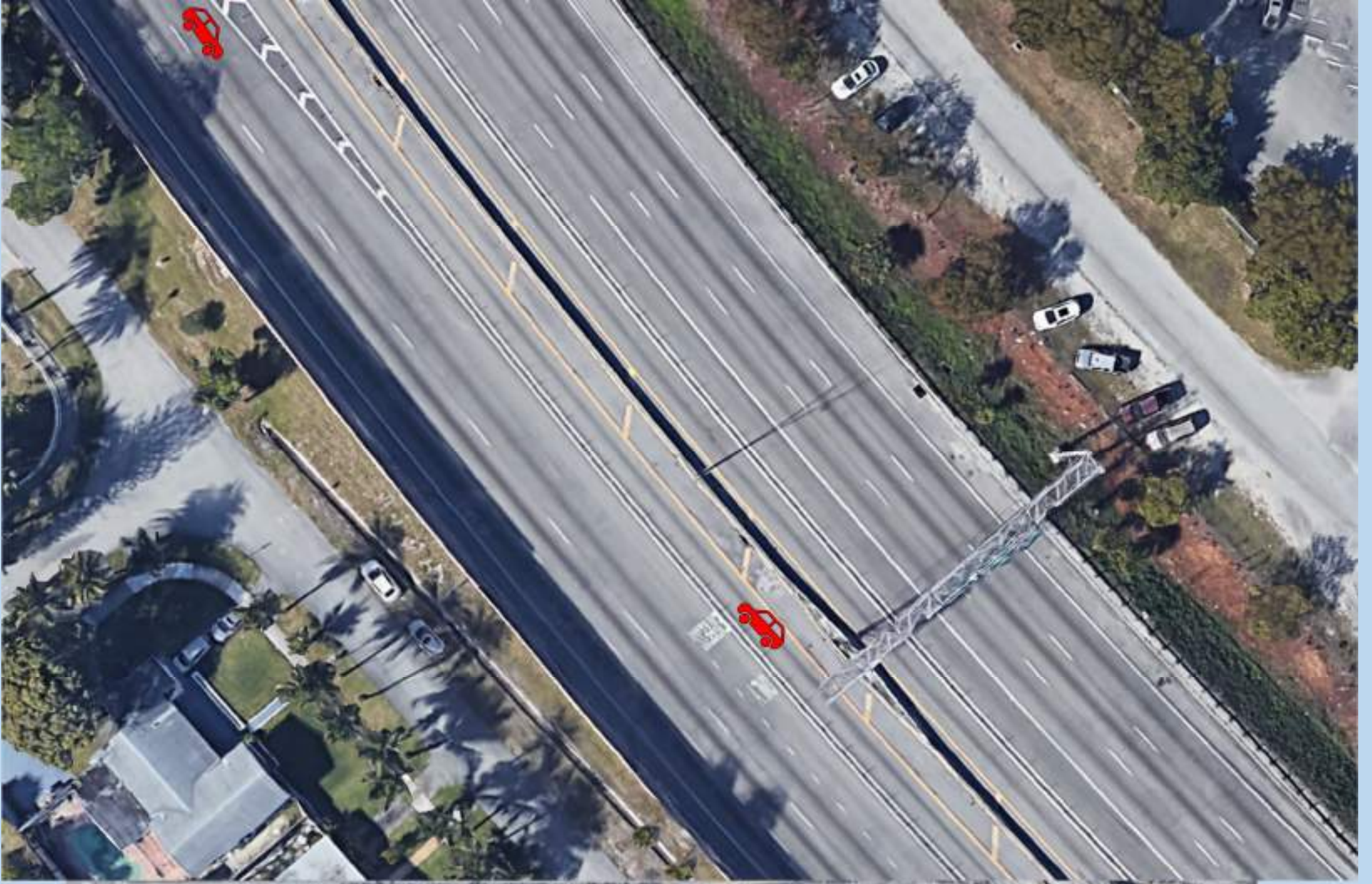


**95 EXPRESS
FLYOVER**



95







National Teen Driver Safety



**NO KEYS UNTIL
YOU KNOW
THE
RULES**

**NO CELL PHONES
WHILE DRIVING**

NO PASSENGERS

NO SPEEDING

NO ALCOHOL

NO DROWSY DRIVING

ALWAYS BUCKLE UP

**LEARN THE 6 RULES
FOR THE ROAD**

NHTSA





Florida Department of Transportation – District Four
SMART SunGuide Regional Transportation Management Center
2300 West Commercial Boulevard, Fort Lauderdale, Florida 33309
Telephone (954) 847-2785 / Fax (954) 847-2683





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Transportation Management Center (TMC)



Traffic Incident Management (TIM)



Rapid Incident Scene Clearance (RISC) Program



Road Rangers / Severe Incident Response Vehicle (SIRV)



D4 TMC EVENTS FY 2020



Target Goals

Incident Clearance:
57 Minutes

Roadway Clearance:
33 Minutes

Open Roads:
30 Minutes

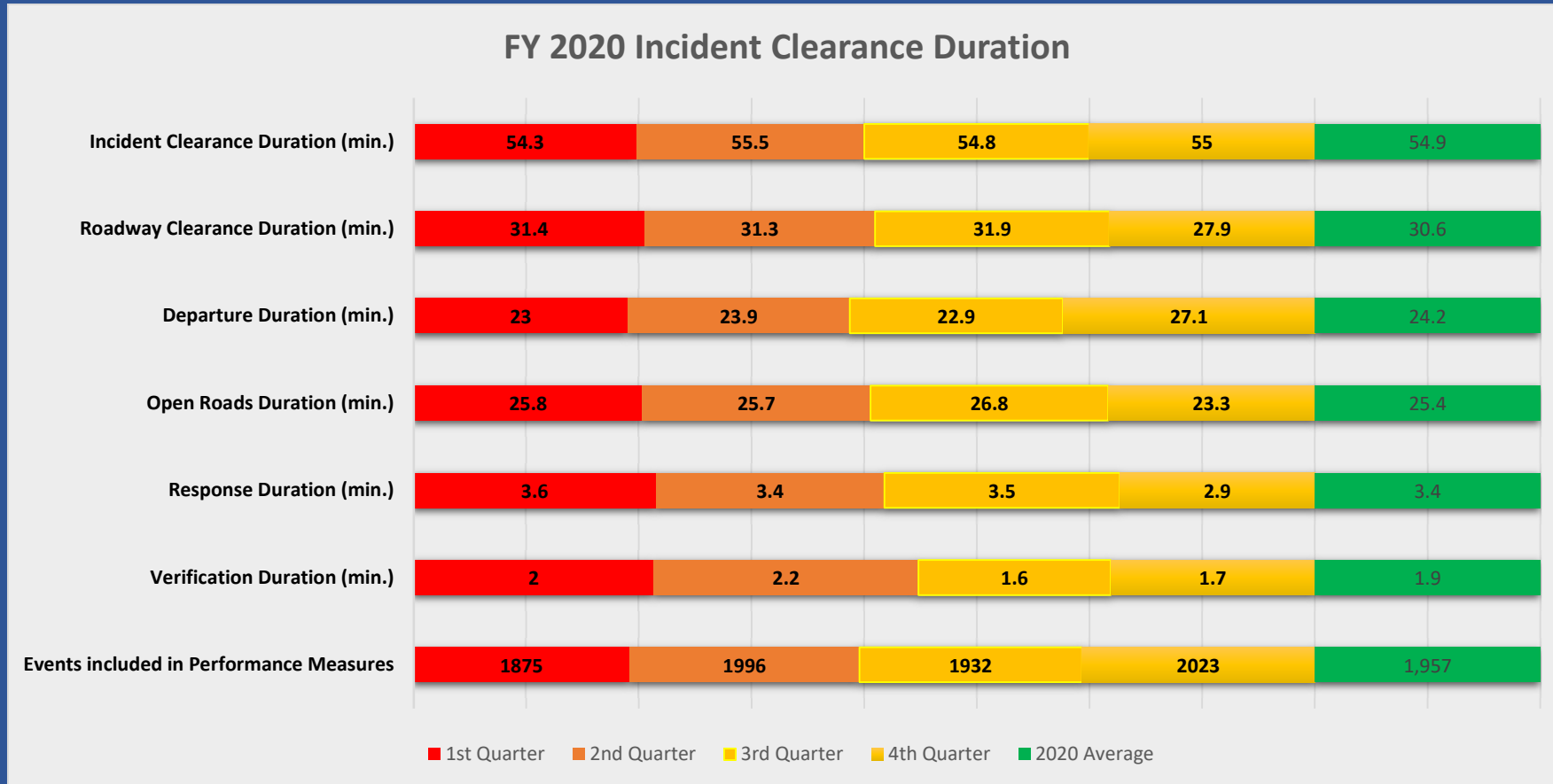
FY 2020 Performance

Incident Clearance:
54.9 Minutes

Roadway Clearance:
30.5 Minutes

Open Roads:
25.4 Minutes

Events 7,826





D4 TMC EVENTS FY 2021



Target Goals

Incident Clearance:
57 Minutes

Roadway Clearance:
33 Minutes

Open Roads:
30 Minutes

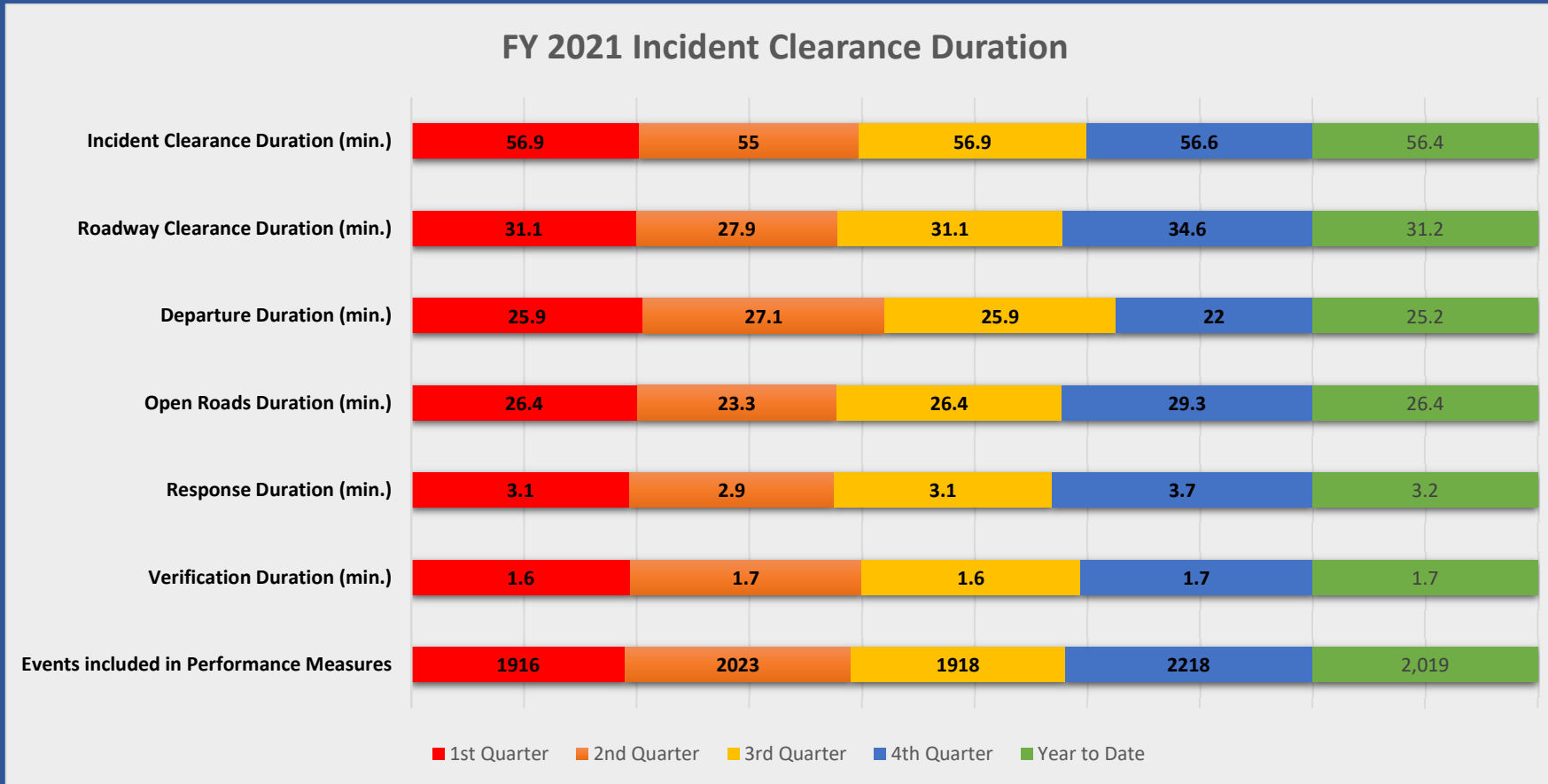
FY 2021 Performance

Incident Clearance:
55.5 Minutes

Roadway Clearance:
32.4 Minutes

Open Roads:
27.7 Minutes

Events 8,075





D4 TMC EVENTS FY 2022



Target Goals

Incident Clearance:
57 Minutes

Roadway Clearance:
33 Minutes

Open Roads:
30 Minutes

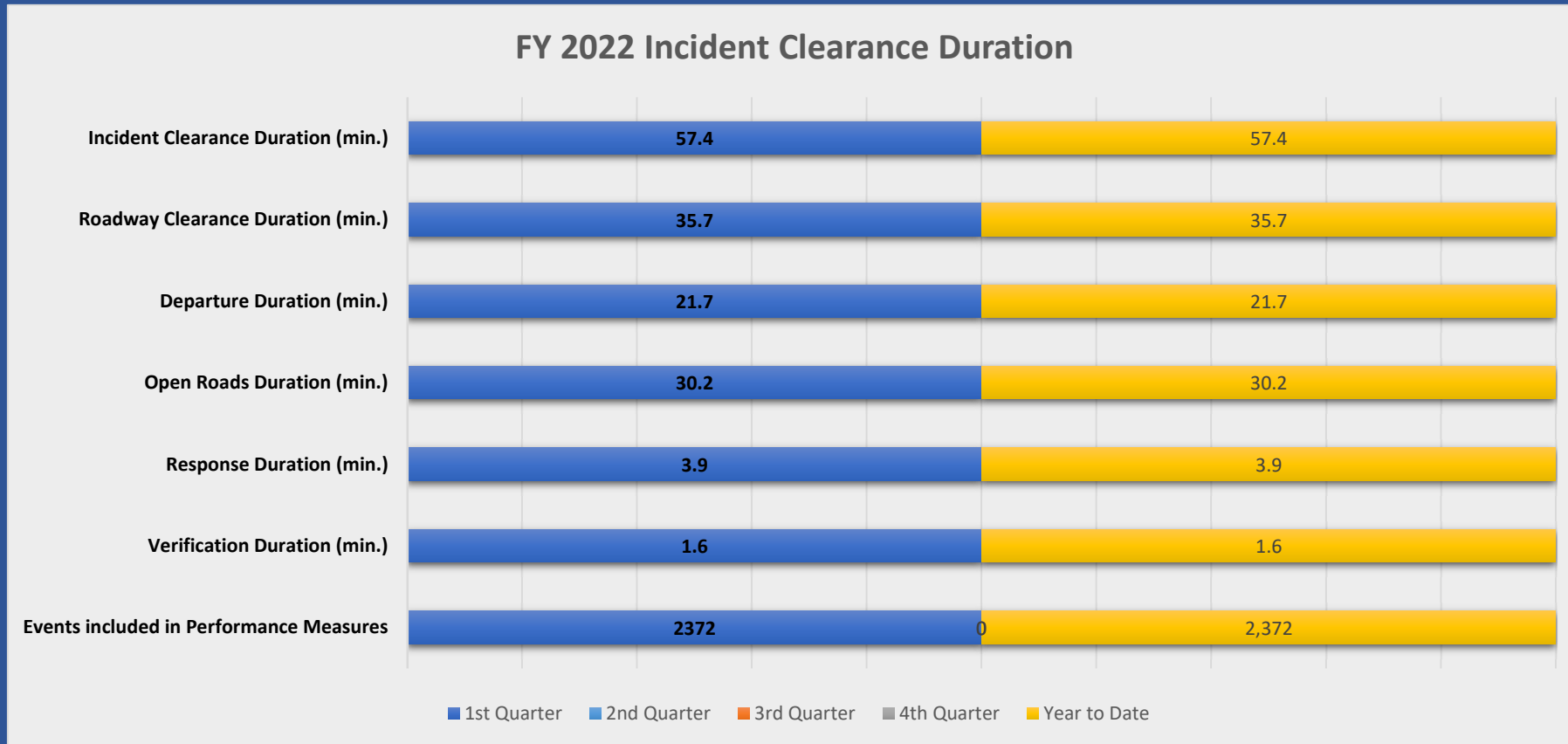
2021 1st
Quarter
Performance

Incident Clearance:
57.4 Minutes

Roadway Clearance:
35.7 Minutes

Open Roads:
30 Minutes

2372 Events





TMC Events FY 2022



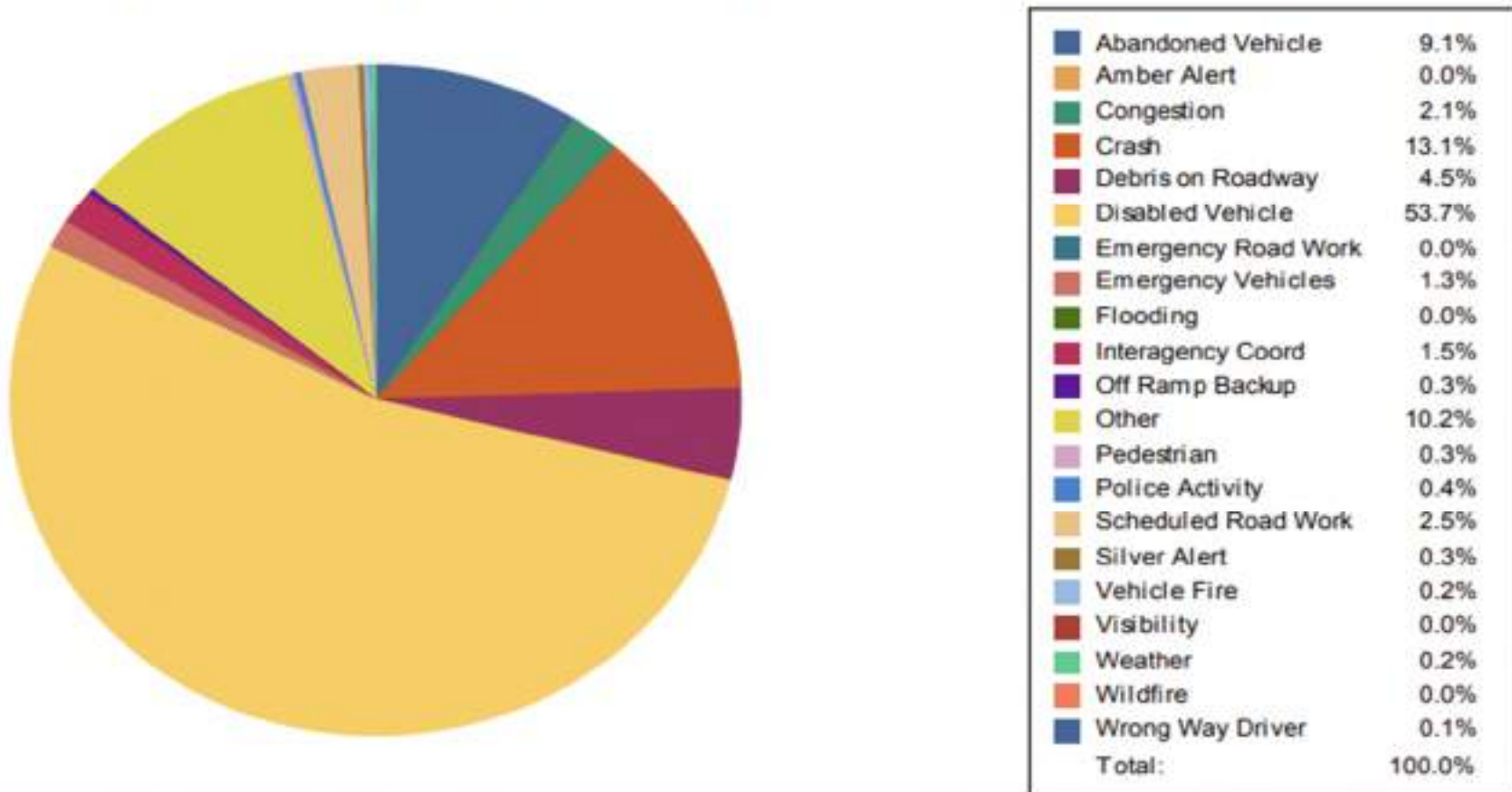
1st Quarter
2022
July
Events:
8663

August
Events:
8631

March
Events:
8041

1st Quarter
Total
Events:
25,335

Percentage of event types for all events in current quarter



Upcoming TIM Events

District Four TIM Trainings

- D4- TIM Training Treasure Coast Ops October 19, 2021
- D4- 2021 TIM Self-Assessment October/November



- D4- Broward TIM Meeting October 20, 2021
- D4- Palm Beach TIM Meeting November 2, 2021
- National Crash Responder Week November 7-13, 2021





TIM Updates



- ❑ Move Over Law Presentations at District CTST Meetings, Town Halls, and MPO Meetings
- ❑ Distracted Driving Presentation at District CTST Meetings



MOVE OVER! LIVES DEPEND ON IT



The "Move Over Law" Requires Motorists To Move Over When A Patrol Car, Fire Truck, Emergency Vehicle, Tow Truck, Sanitation Or Utility Vehicle Is Stopped On The Side Of The Road With Its Lights Flashing. If Such Movement Cannot Be Safely Accomplished, Motorists Shall Slow Down To A Speed 20 Mph Below The Posted Speed Limit.

DISTRACTED DRIVING

<https://www.nhtsa.gov/campaign/distracted-driving>

Distracted Driving Is Dangerous, Claiming 3,142 Lives In 2019. NHTSA Leads The National Effort To Save Lives By Preventing This Dangerous Behavior. Get The Facts, Get Involved, And Help Us Keep America's Roads Safe.



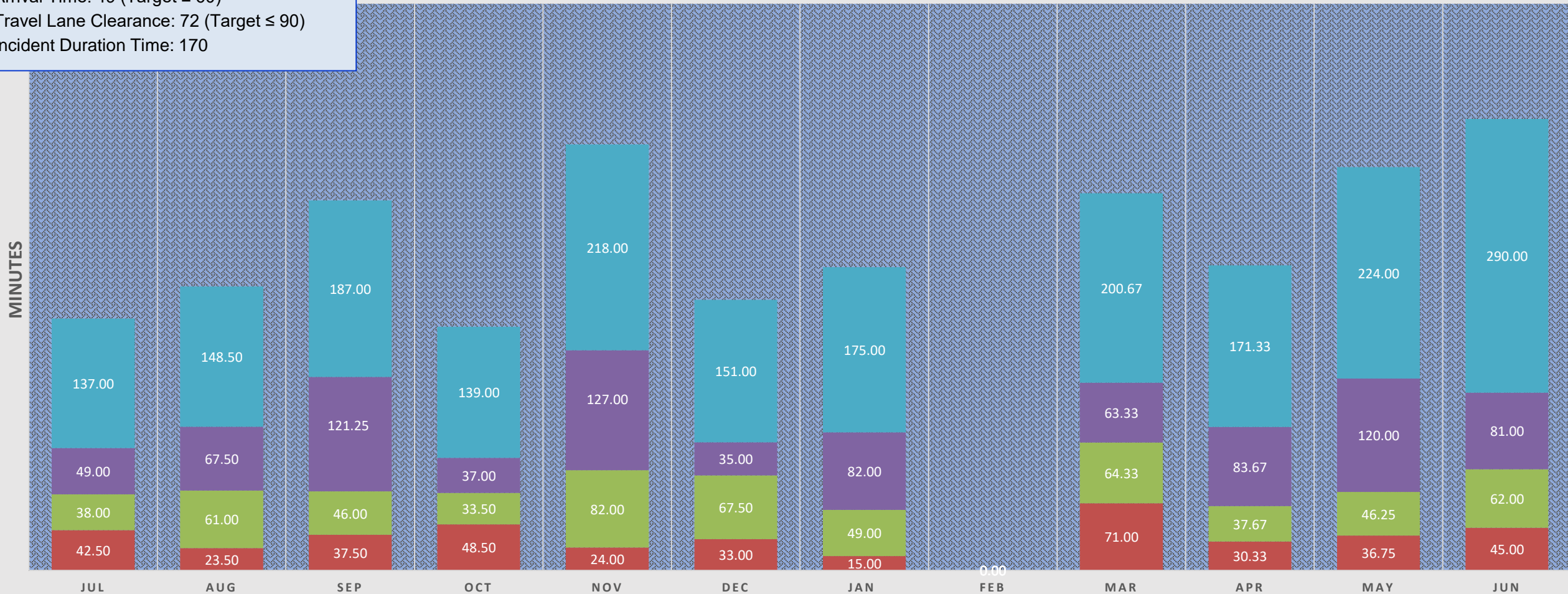


RISC Events



Averages (min)
 Activation Time: 34
 Arrival Time: 49 (Target ≤ 60)
 Travel Lane Clearance: 72 (Target ≤ 90)
 Incident Duration Time: 170

FY 2020 RISC EVENTS



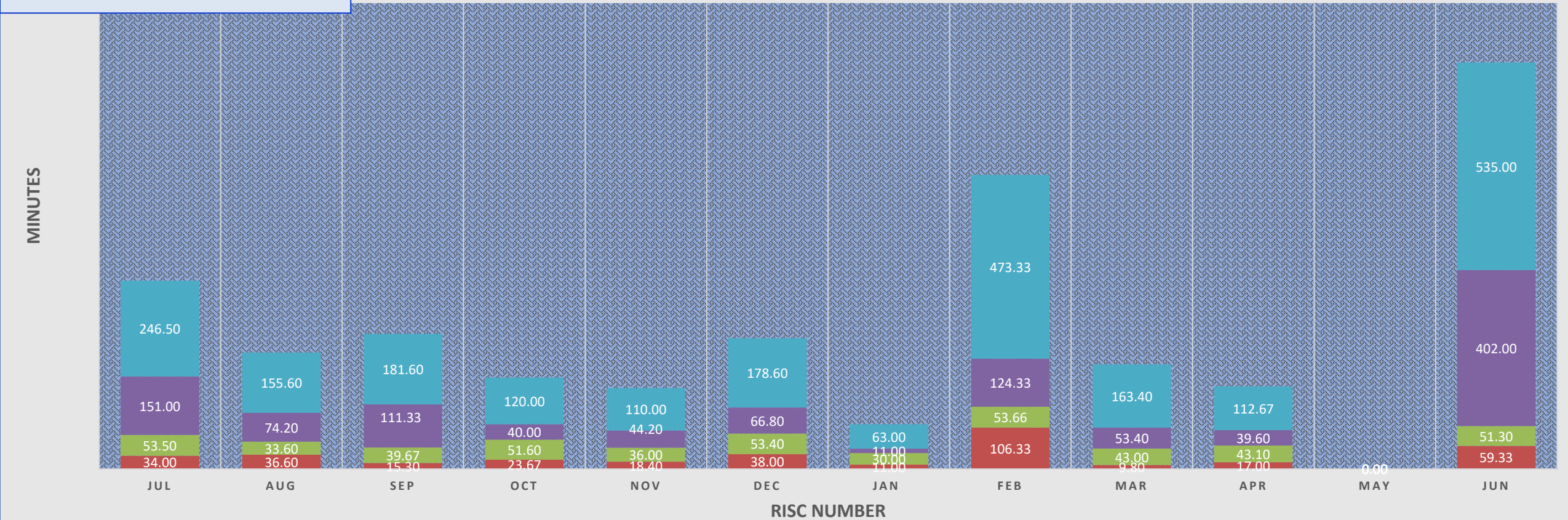


RISC Events



Averages (min)
 Activation Time: 31
 Arrival Time: 41 (Target ≤ 60)
 Travel Lane Clearance: 93 (Target ≤ 90)
 Incident Duration Time: 195

FY 2021 RISC EVENTS



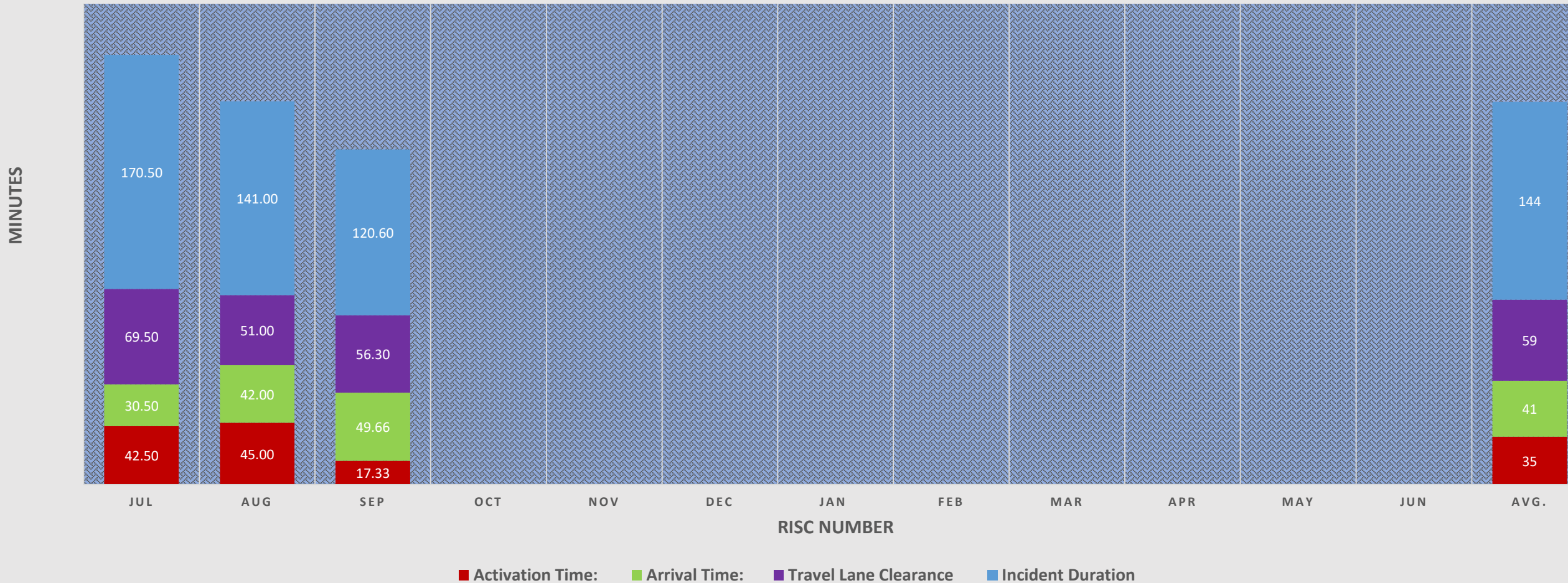


RISC Events



Averages (min)
 Activation Time: 35
 Arrival Time: 41 (Target ≤ 60)
 Travel Lane Clearance: 59 (Target ≤ 90)
 Incident Duration Time: 144

FY 2022 RISC EVENTS





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2300 West Commercial Boulevard, Fort Lauderdale, Florida 33309
Telephone (954) 847-2785 / Fax (954) 847-2683



Rapid Incident Scene Clearance

Activations	FY 21 – 41	FY 22 – 8
Activation Delay:	31	35
Average response:	41	41
Notice to Proceed:	34	12
Average roadway clearance:	93	59
Average incident clearance:	195	144

FY 21 Locations

Broward: 21

Palm Beach: 10

Treasure Coast: 10

FY 22 Locations

Broward: 3

Palm Beach: 2

Treasure Coast: 3



RISC EVENT



Incident Details

- Jackknifed Tractor Trailer
- Saddle Tank Ruptured 125 gallons of Diesel Fuel spilled
- I-95 NB Before 45th Street
- Activated - 8/16/2021, 8:52 PM
- Road Open - 8/1/2021, 10:48 PM
- Cleared - 8/17/2021, 6:37 AM



Responders

Sheehan's Towing, Louis Berger, FHP, WPB Fire and EMS, FDOT, SIRV, RR and Cliff Berry



RISC EVENT



Lessons Learned

- Saddle Tank Rupture Cleanup Caused A Big Delay In Opening Lanes
- Diesel Spill Was Sprayed With Foam And Water Spreading Spill In About 150 Yards Across Five Lanes Of Traffic
- Confusion existed about reporting guidelines vs. cleanup guidelines (25 gallons is the reportable spill quantity not cleanup quantity)
- Dispatch for Cliff Berry sent cleanup crew from St. Lucie Not Ft. Lauderdale





RISC EVENT



Tie Lessons Learned to Future Performance

- Use Of Unified Command At The Onset For Initiating Cleanup Would Have Prevented A Lengthy Cleanup
- In Situations Involving Spilled Vehicle Fluids On A Roadway From Commercial Vehicles And Private Vehicles, The Preferred Clean-up Method Is To Soak Up As Much Fluid As Possible Using Absorbent Materials.
- Once Water Was Used The Environmental Cleanup Company Should Have Been Notified Immediately Instead Of Trying To Cleanup With RISC Vendor And FDOT Asset Maintenance Vendor





RISC EVENT



High Notes

- Great Job Of Initiating RISC Right Away By FHP
- RISC Vendor Quickly Cleared Vehicles And Crash Debris
- Super Job Of Working To Get Two Lanes Open And Then Progressively Opening Lanes Instead Of Clearing The Whole Scene
- Unified Command Was Used By Responders Throughout The Event

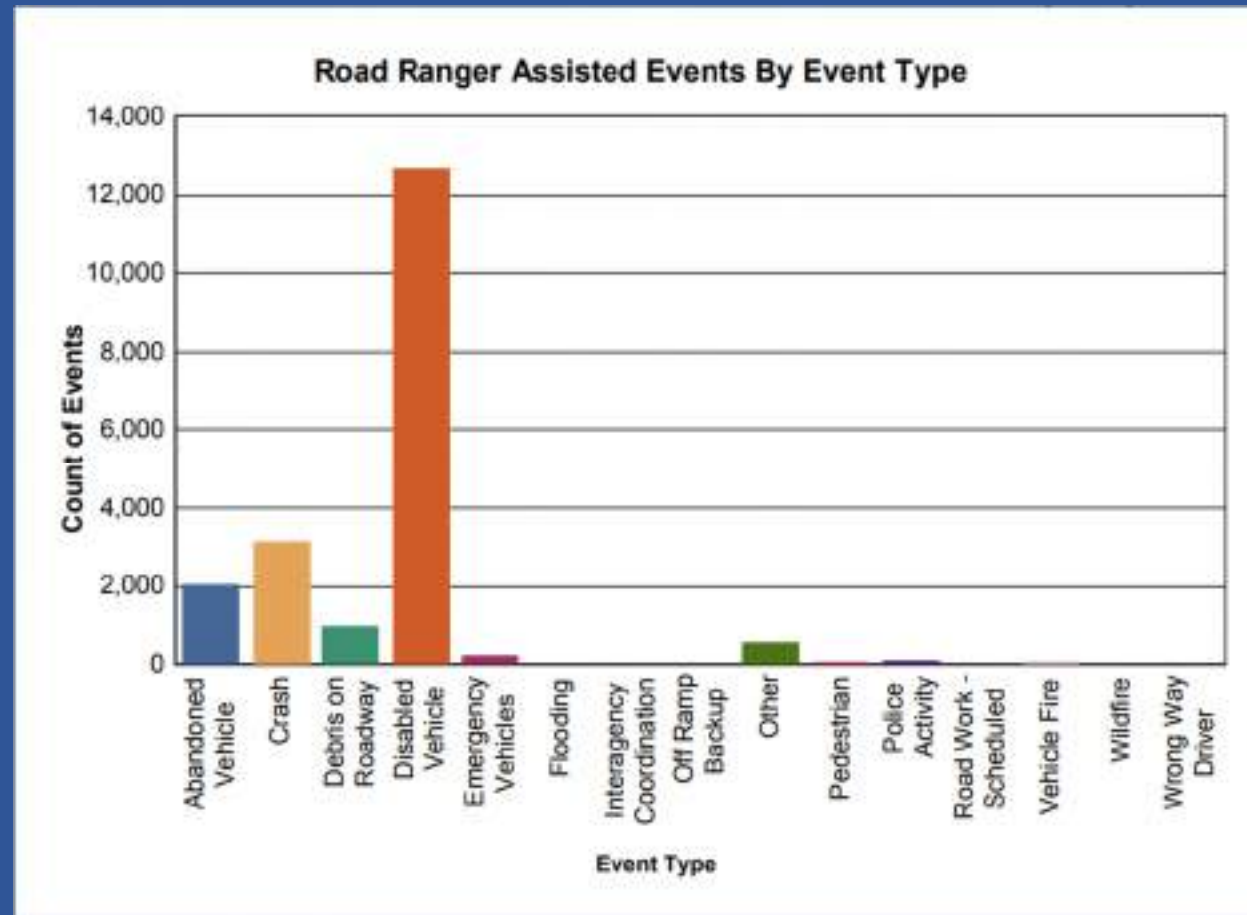




ROAD RANGER



Road Ranger Assists July-Sep 2021
Total: 21,821
Total Responses: 19,829
Total Activities: 25,854
Assisted on 90.9 % of Events



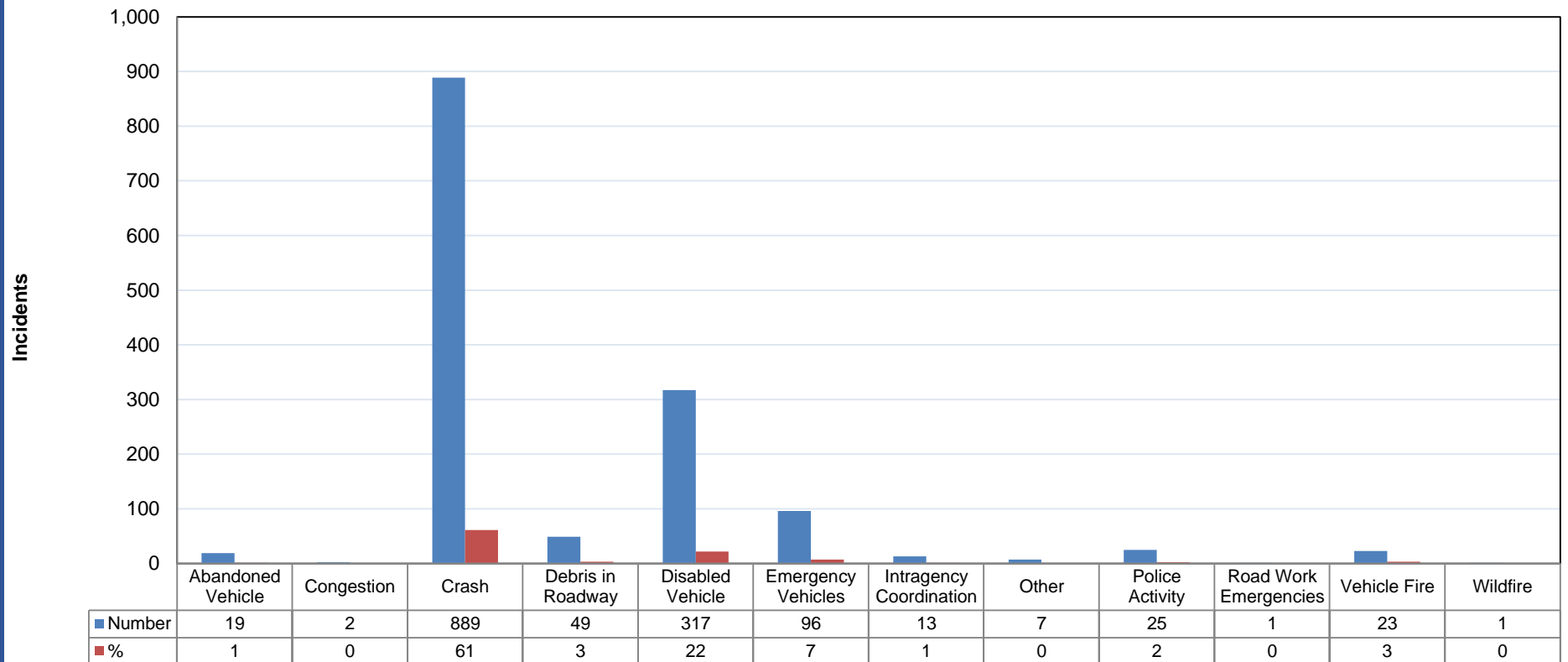


SIRV ASSISTS



SIRV Assists Jul-Sep 2021
 Total Events: 1442
 Total Responses: 1778

SIRV Assisted Events by Event Type





District 4 95 Express Construction Update

D4/D6 Joint TIM Meeting
October 6, 2021



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Contact Information:

D4 TSM&O Incident Management Program

Manager Joudy

Office Phone (954) 847-2789

E-mail Joudy.mendez@dot.state.fl.us

D4 TIM Coordinator Tim Stanberry

Office Phone (954) 847-2634

Mobile Phone (618) 960-7731

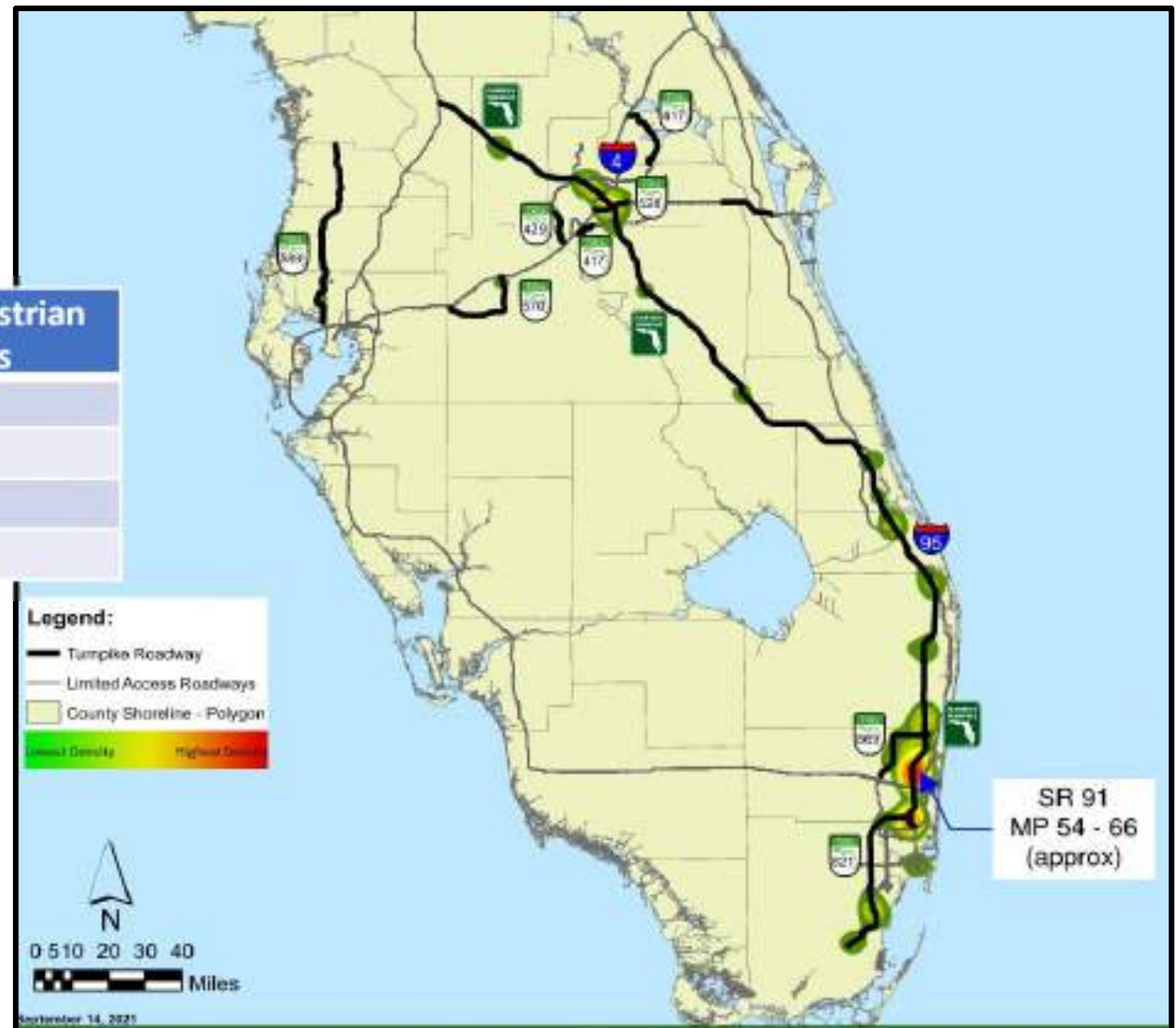
E-mail timothy.stanberry@dot.state.fl.us



Miami-Dade / Broward TIM Meeting
October 6, 2021

Pedestrian-Involved Crashes

Year	Number of Pedestrian Fatal Crashes
2019	4
2020	4
2021	7
Total	15



Legend:

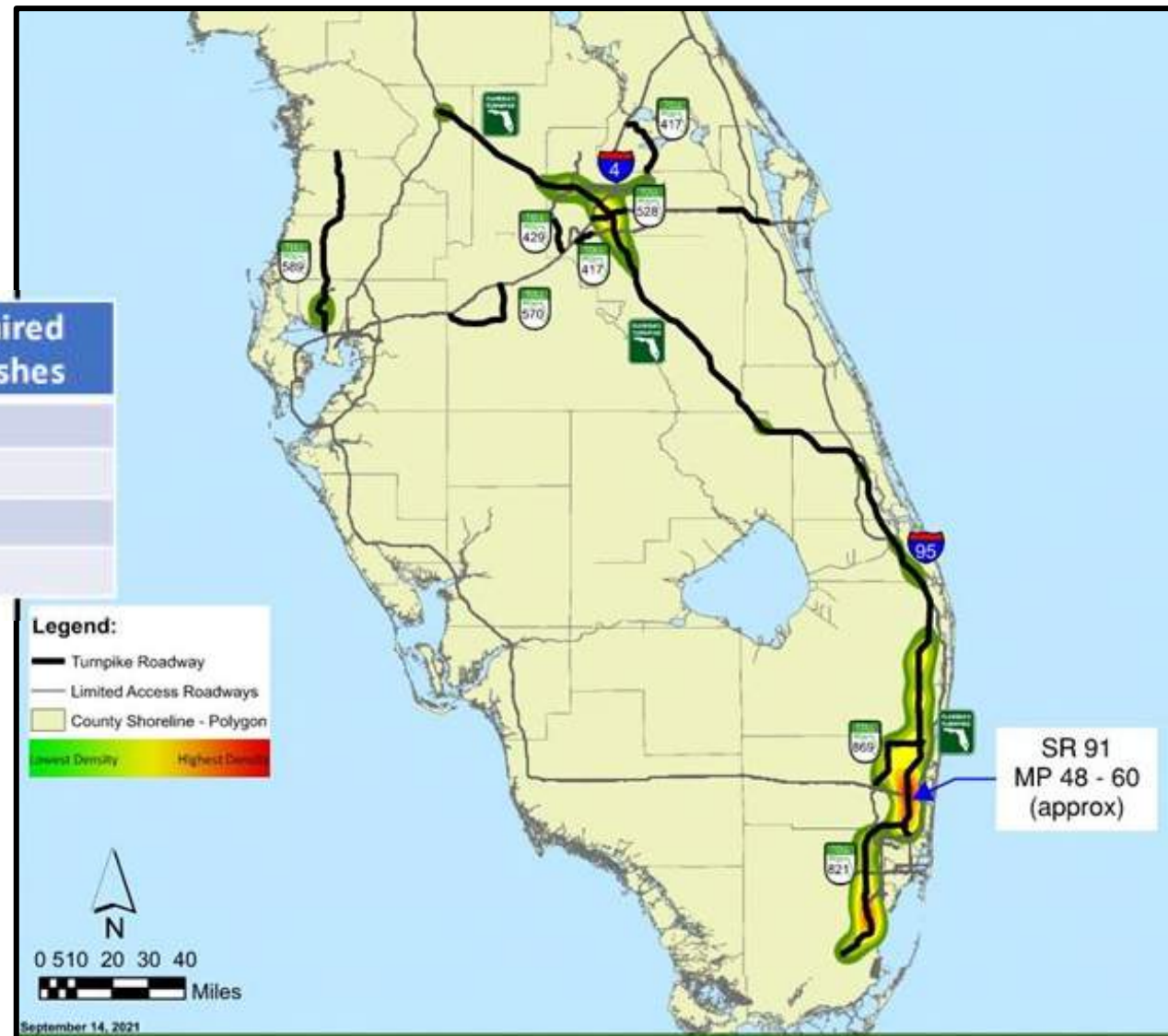
- Turnpike Roadway
- Limited Access Roadways
- County Shoreline - Polygon
- Lowest Density
- Highest Density

N
0 5 10 20 30 40
Miles

1. Crash data collected from September 1, 2016 to August 31, 2021 (5 years) for pedestrians and bicyclists crashes.
2. Crash data subject to change based on availability of data from Signal Four Analytics.

Impaired Driving Crashes

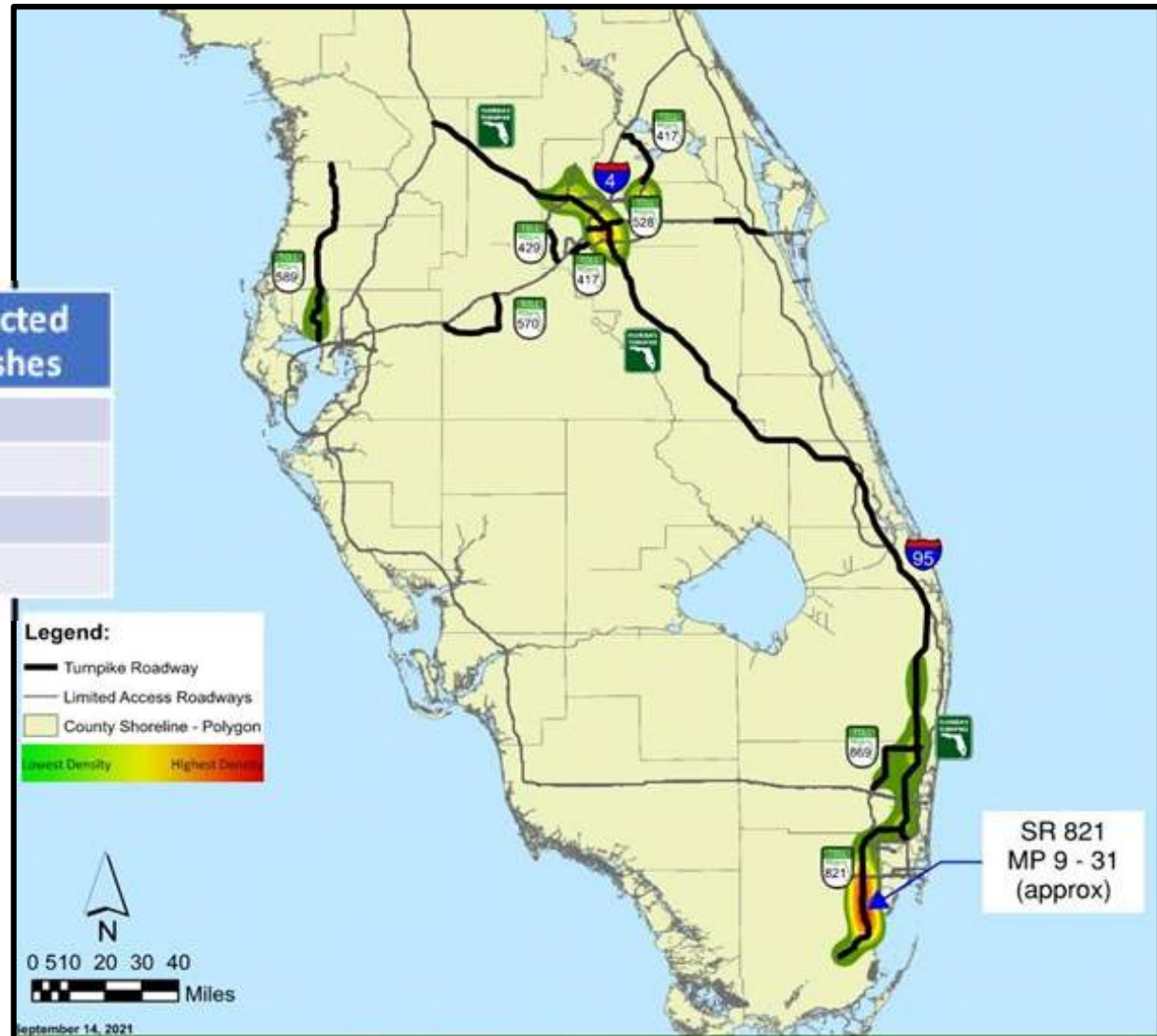
Year	Number of Impaired Driving Fatal Crashes
2019	2
2020	3
2021	1
Total	6



1. Crash data collected from September 1, 2016 to August 31, 2021 (5 years) for impaired driving crashes.
2. Crash data subject to change based on availability of data from Signal Four Analytics.

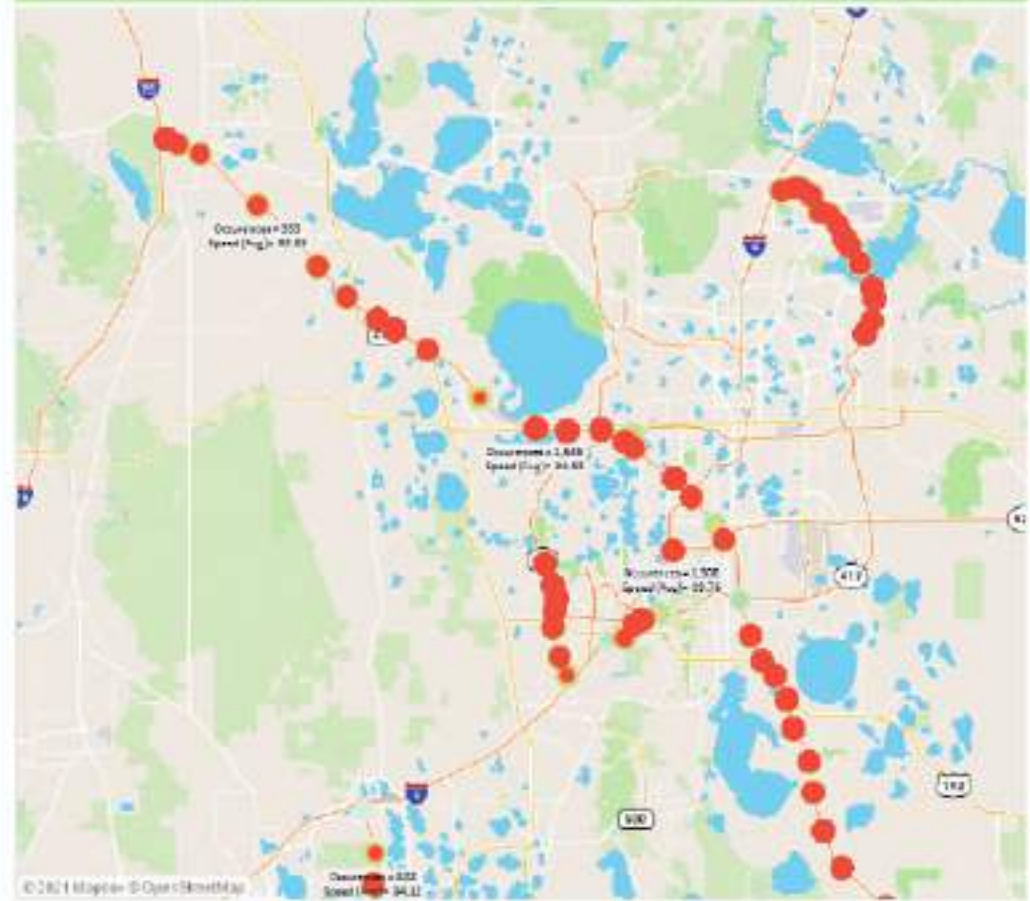
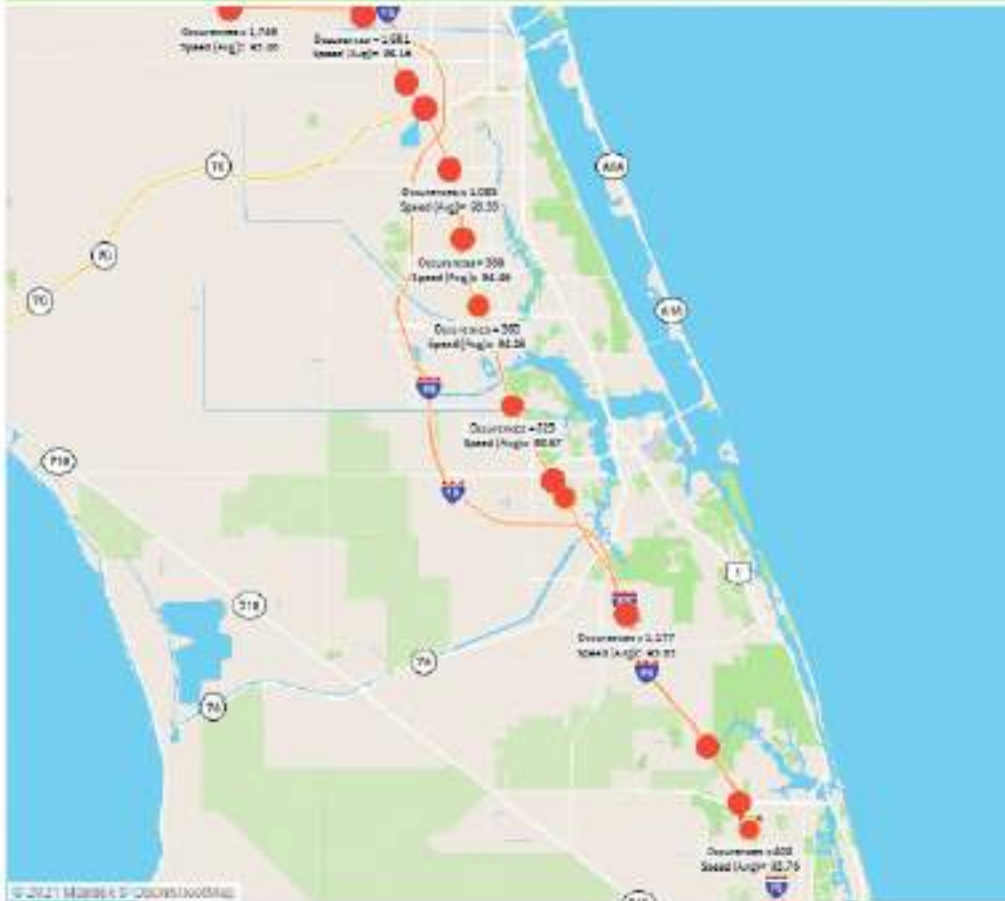
Distracted Driving Crashes

Year	Number of Distracted Driving Fatal Crashes
2019	0
2020	7
2021	1
Total	8



1. Crash data collected from September 1, 2016 to August 31, 2021 (5 years) for distracted driving crashes.
2. Crash data subject to change based on availability of data from Signal Four Analytics.

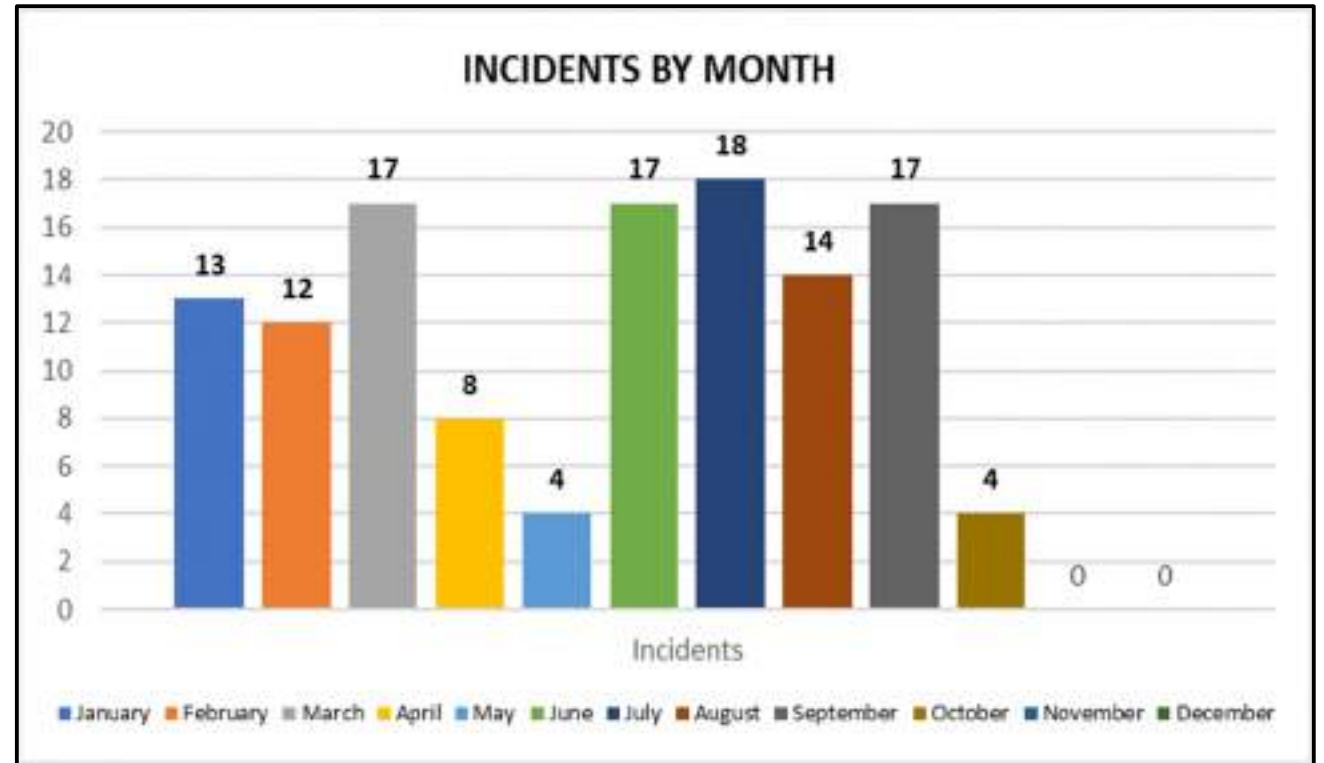
Speed Data Summary from Tableau Workbook



2021 RISC Trend Analysis (Year-to-Date)

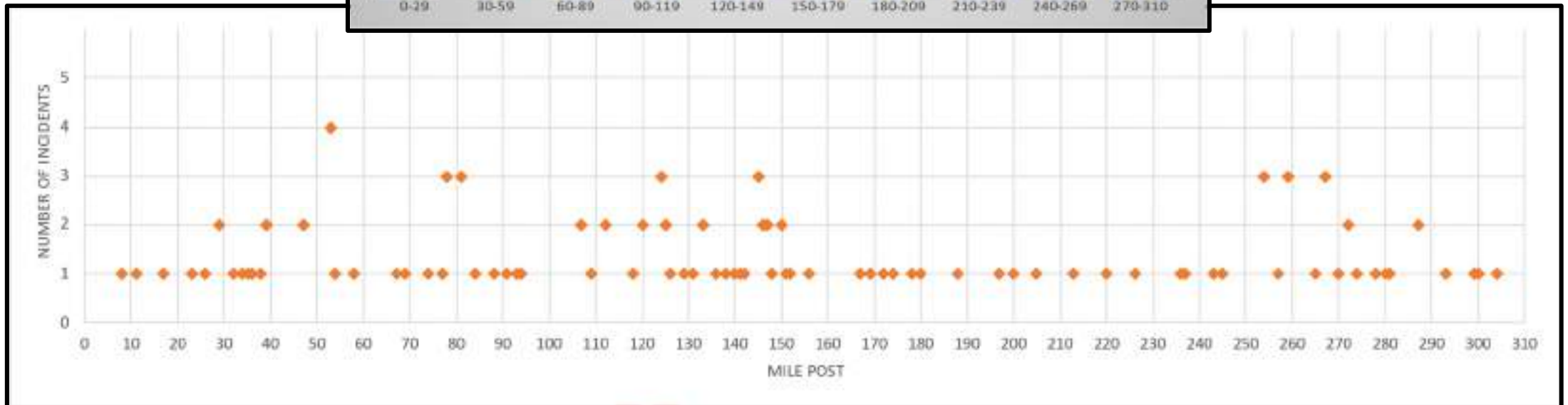
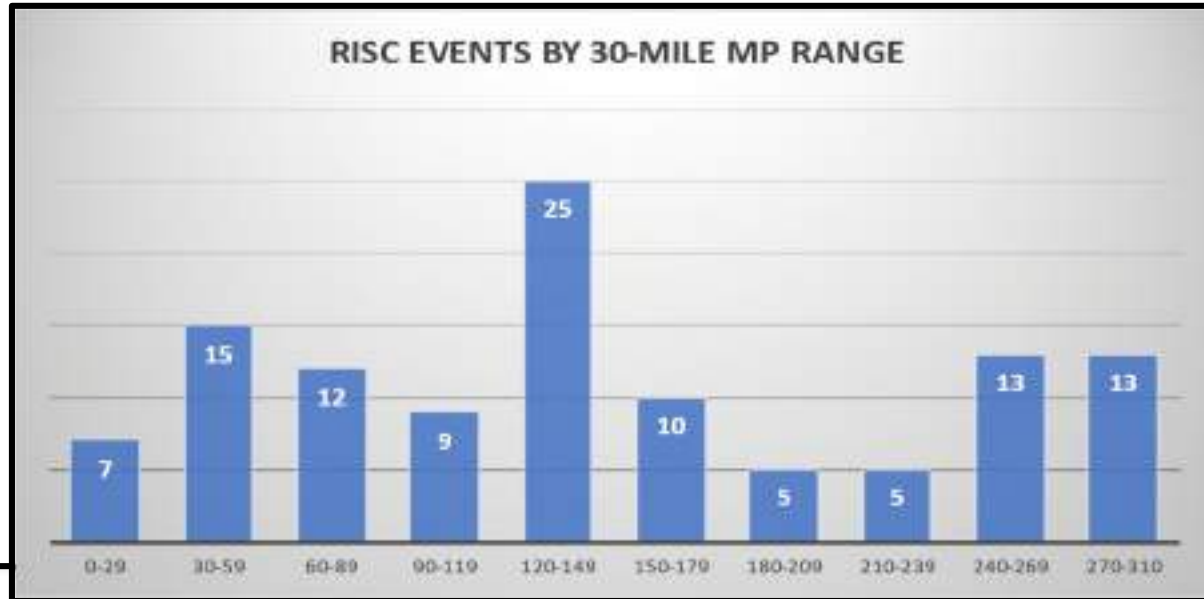
Year-to-Date

- 124 Events Year-To-Date
- 2021 is maintaining trend of 2020
- 30-mile segment of MP 120-149 has highest number of events
- 70% of events have taken place in clear weather
- 78% have involved commercial vehicles
- 77% have involved an in-state driver

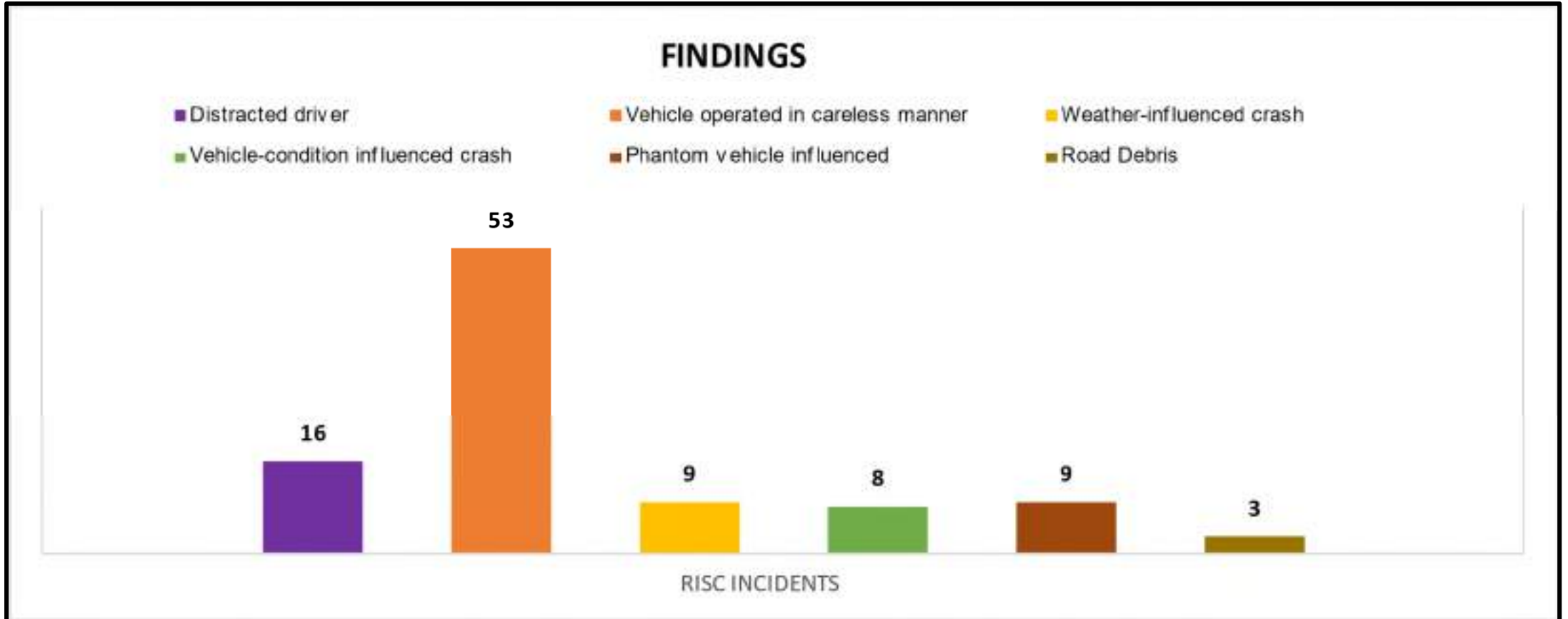


2021 RISC Trend Analysis (Year-to-Date)

RISC Events by 30-Mile Range



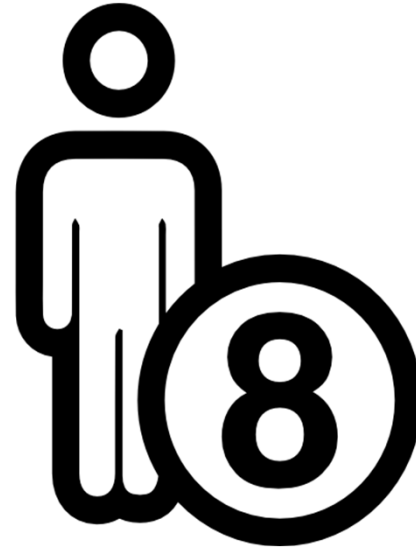
2021 RISC Trend Analysis (January – September)



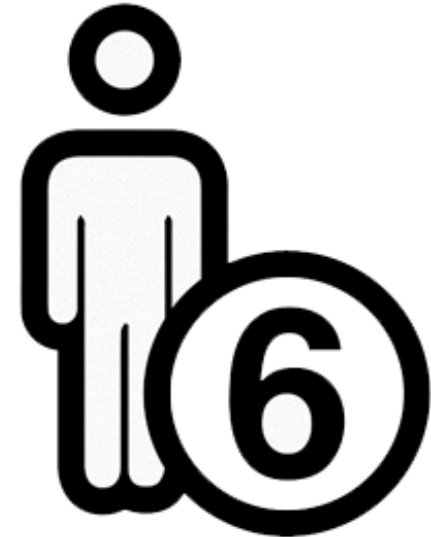
2021 Disabled / Abandoned Vehicle Crashes



Year-to-Date Events



Fatalities



Injuries

Turnpike partnering with UCF for a study focused on disabled vehicles and their impact on crash activity

- 18-month duration
- National best practices, survey of other State DOT and Toll Agencies regarding their DAV procedures

Shoulder Safety PSA Campaigns

- Turnpike developed PSA video with guidance from FHP
- On TPK gas pumps, social media, shared with response partners
- DMS messaging

ROADWAY SHOULDER
FOR EMERGENCY
STOPPING ONLY

FENDER BENDER
MOVE VEHICLES
FROM TRAVEL LANE





Responder Safety

ANNOUNCING THE NEW NAME FOR NTIRAW

CRASH RESPONDER SAFETY WEEK (CRSW)

*MONDAY, NOV 8 – SUNDAY, NOV 14,
2021*



Responder Safety

- Nationally, **49** struck-by responder fatalities year-to-date
- Florida leads all states with **SIX** of those fatalities
- Among those:
 - **Four** tow operators (includes one mobile mechanic)
 - **One** Road Ranger
 - **One** LEO (stop sticks)
- **15** Turnpike Road Ranger trucks hit year-to-date



Responder Safety



Within 12-day span:

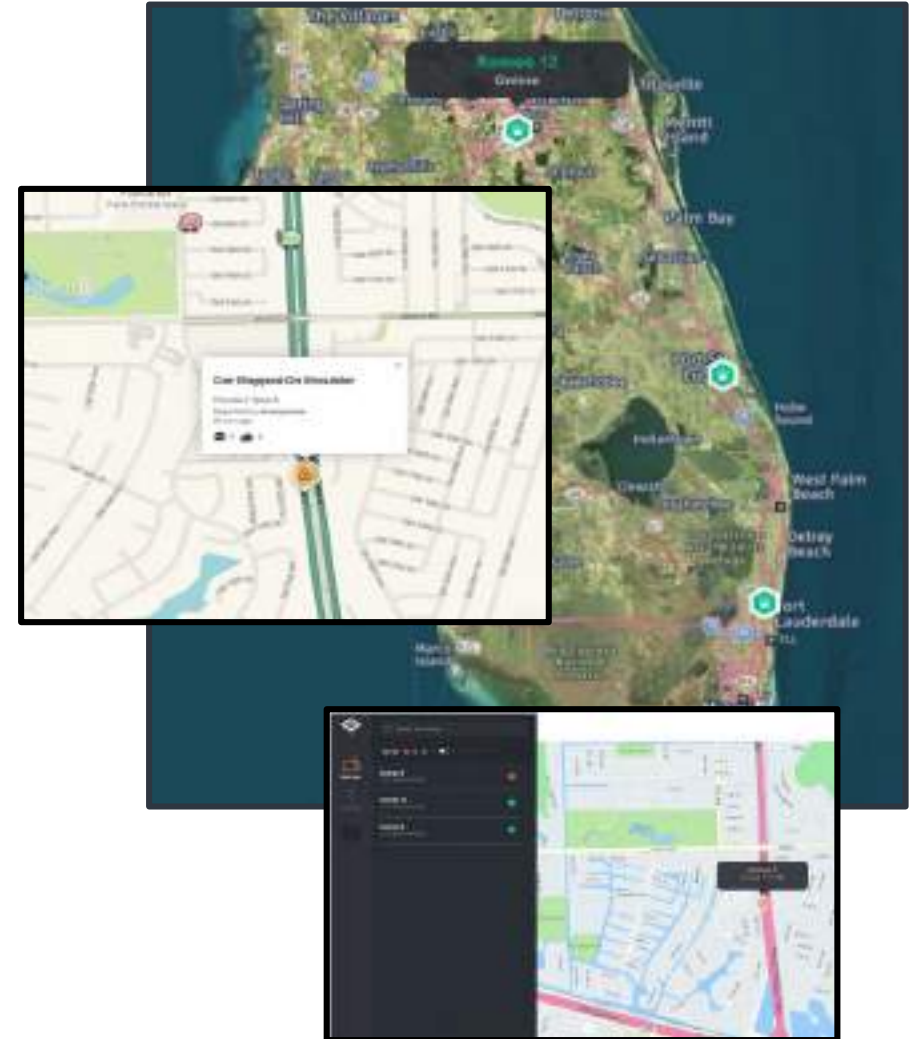
- August 27, Car Store tow operator struck on TPK Mainline. Suffered fatal injury
- August 28, FHP cruiser hit by Tesla on I-4. Trooper not injured
- September 4, Tri-County Towing flatbed sideswiped on Turnpike Mainline. Driver struck by truck debris but not injured
- September 7, two FHP cruisers struck by semi truck. One Trooper injured.

HAAS Alert Expansion for Road Rangers

- Three-vehicle pilot began in May 2020
- Provides automated alert to WAZE when Road Rangers engage their lights
- Averaged over 10K drivers alerted per month from just three vehicles used in pilot

Next Steps

- Installation in all Road Ranger trucks underway (80 percent complete)
- Maintenance fleet under consideration



Service Plaza DMS to Support Incident Response Plans



- Cantilever signs installed on entrance ramps to service plazas
- Used to support incident awareness and emergency operations
 - Message content determined in real-time, based on needs
 - Incident response messaging at plazas:
 - Within 10 miles for a shoulder blocking event
 - Within 25 miles for any lane blocking event including exit ramp closures on the Mainline

Questions?



Michael Washburn

Incident Management Program Manager
Florida's Turnpike Enterprise

954-934-1621

Michael.Washburn@dot.state.fl.us



Semi-Annual Miami-Dade/Broward TIM Team Meeting

October 2021



PortMiami Tunnel
Operations and Maintenance
1235 Port Boulevard, Miami, FL 33132
(305) 341-6615 · [Facebook](#) | [Instagram](#) | [Twitter](#) | [Website](#)



Traffic and Operations Summary

Project Initiatives and Hurricane Preparedness

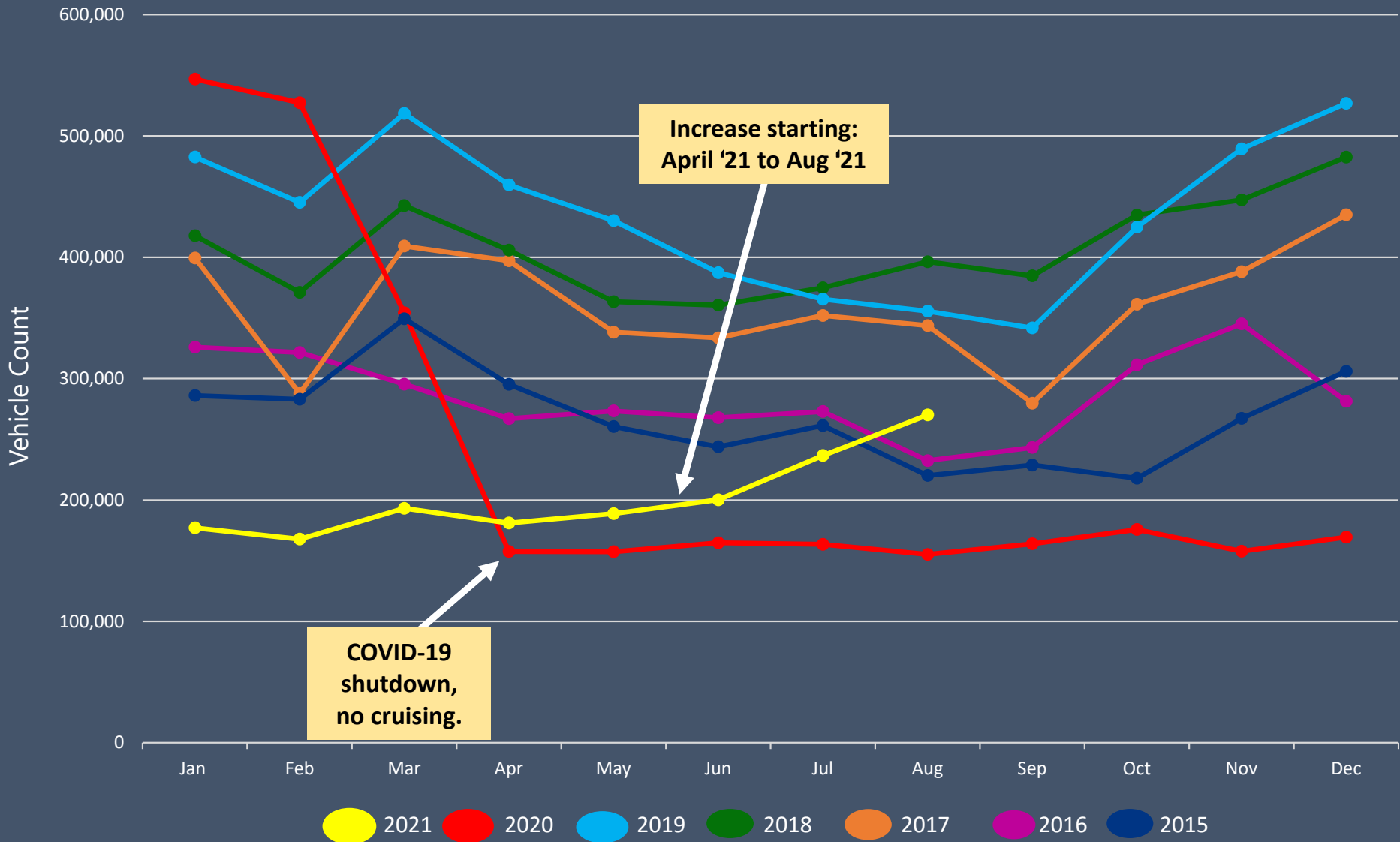
Incident Management



Dynamic Message Sign (DMS) Before Tunnel Entrance

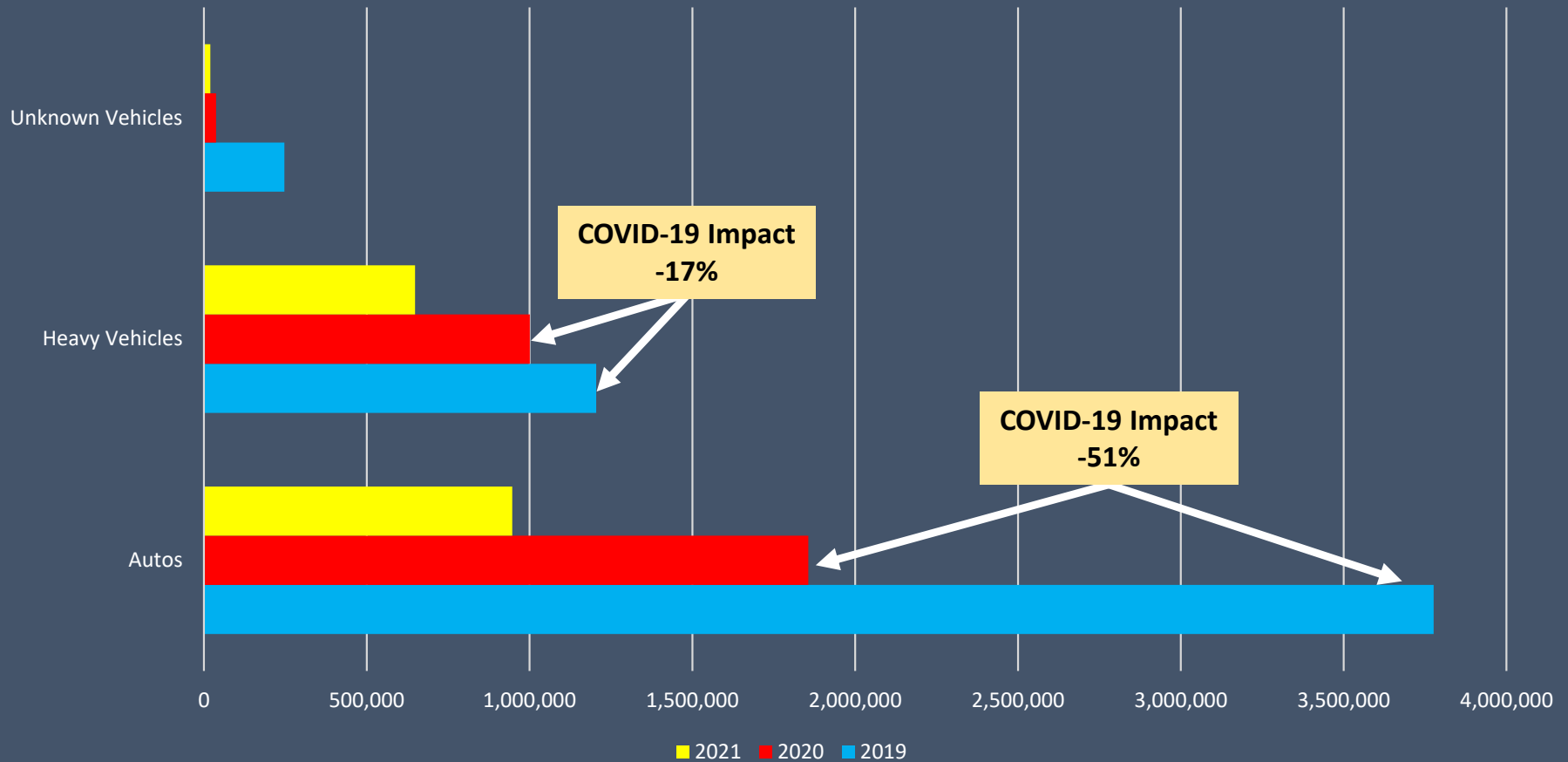
July 1st, 2021, twenty-four (24) hour traffic resumed excluding scheduled maintenance closures.

Traffic Volume Per Year



Traffic Data By Category

Vehicle Count By Category



Project Indicators

FY 2015 - Aug 2021

- Total Managed Incidents** **5,913**
- **Stationary Vehicles** **2,299 (39%)**
 - **Vehicle Crashes** **221 (4%)**
 - **Wrong Way** **100 (2%)**
 - **Fatalities** **0 (0%)**
 - **Other** **3,293 (56%)**

3rd Party Scheduled	10%	Port PD Checkpoint	9%	Quick Clear	8%
External Incidents	7%	Debris	6%	Other	10%



Maintenance Closure

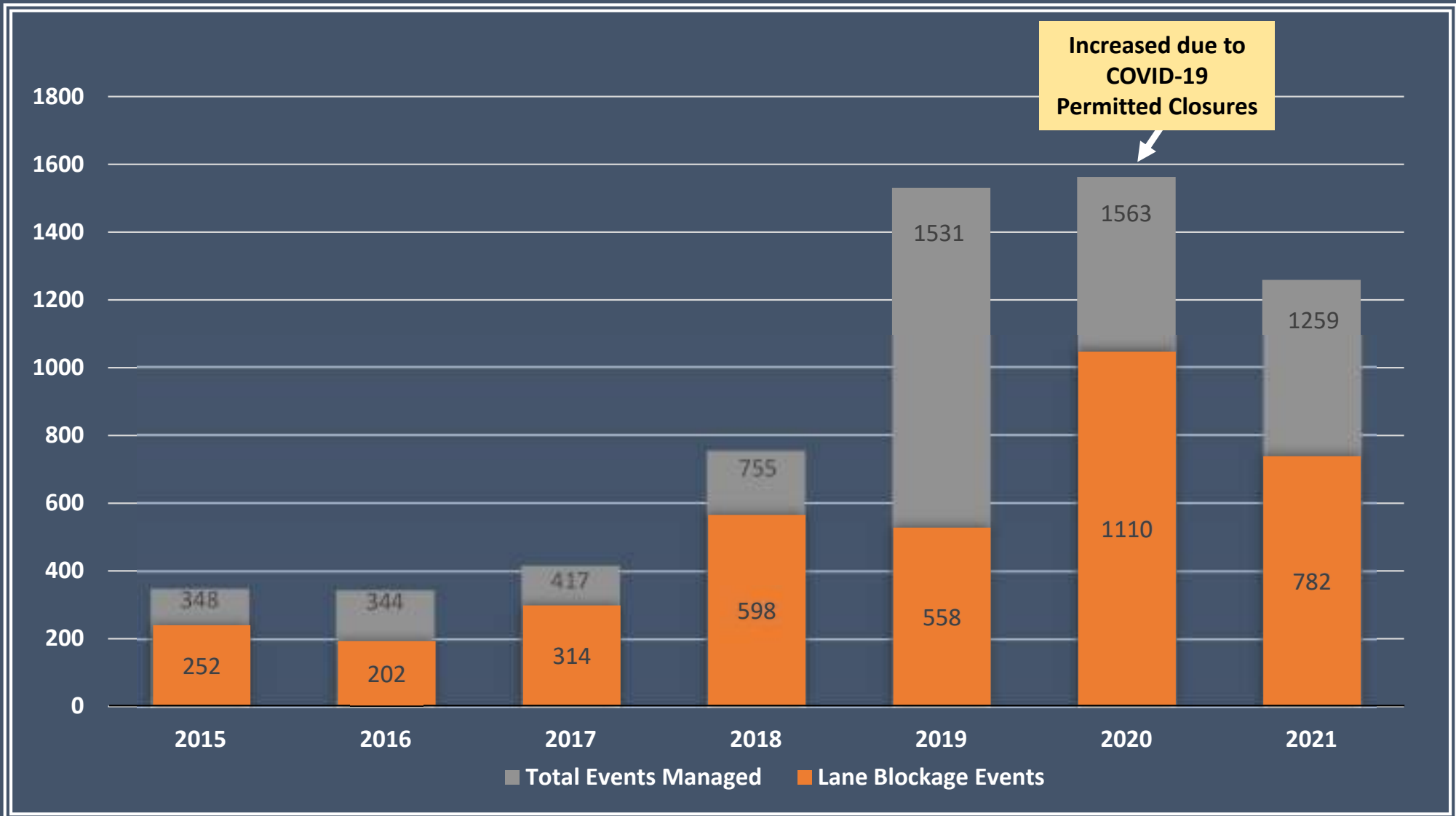


Vehicle Accident



Debris

Managed Incidents Per Year





Performance Summary



	avg. Detection Time (8 mins req.)	avg. Arrival Time (10 mins req.)	avg. Restoration Time (25 – 240 mins req.)	avg. Notification Time (60 mins req.)
2021	1:39	4:30	10:49	12:51
2020	1:35	4:22	12:07	12:41
2019	2:20	5:14	15:51	21:06
2018	4:33	6:40	17:25	16:15
2017	3:52	5:36	20:34	19:36

Year-over-year percentage changes:

- 2021 vs 2020: +4% (Detection), +3% (Arrival), -11% (Restoration), +1% (Notification)
- 2020 vs 2019: -32% (Detection), -17% (Arrival), -24% (Restoration), -40% (Notification)
- 2019 vs 2018: -49% (Detection), -22% (Arrival), -9% (Restoration), +30% (Notification)
- 2018 vs 2017: +18% (Detection), +19% (Arrival), -15% (Restoration), -17% (Notification)

Project Initiatives and Hurricane Preparedness

Arrow Board integration with iCone

- Real-time data to traffic feeds
- Up-to-date information such as roadwork, incident location and direction.



Arrow Board



iCone



Waze application

April 2021



Project Initiatives



Wrong Way Analysis

- D6 Statistics
- Front-To-Front Collisions

WRONG WAY INCIDENT CRASHES DISTRICT 6	
DESC	QTY
TOTAL	391
2017	203
2018	130
2019	34
2020	16
2021	8
MIAMI-DADE	380
FRONT TO FRONT COLLISION	139
NON-FATAL INJURIES	267
SERIOUS INJURIES	61
FATAL	19

Source:
 FDOT State Safety Office Geographic Information System
 Uniform Traffic Crash Report Manual

WRONG WAY FRONT-TO-FRONT COLLISIONS STATE ROADS-DISTRICT 6	
DESC	QTY
INCIDENTS IN STATE ROADS	231
NON FATAL INJURIES	159
SERIOUS INJURIES	42
FATAL	14

Source:
 FDOT State Safety Office Geographic Information System
 Uniform Traffic Crash Report Manual

May 2021

Wrong Way Analysis Cont'd

- Led flashing lights w/ radar on wrong way signs at the dodge u-wall
- Delineator poles in apexes for avoiding physical U-turns



Delineator poles
EB Apex

Wrong Way Signs
Normal



Wrong Way Signs
Activated

May 2021

Wrong Way Analysis Cont'd

- Exit sign at custom border patrol does not indicate exit to city
- Lack of devices and visible markings, driver might merge onto contraflow lane



WB Port Boulevard



Port Exit to Secondary CBP Checkpoint

May 2021

Pit-Lit Sunflower Cone Lamp

- Designed for short duration deployments
- Used atop any standard traffic cones



Pit-Lit Sunflower Cone Lamp



WB Tunnel - Port Blvd Entrance

June 2021

Smart Sequential Road Flares

- No fire danger
- No toxic or harmful fumes
- Rapid Deployment System (RDS) automatically turns flare on.



Testing



Deployment



Crush Strength

September 2021

Project Initiatives

Upgraded Tow Truck

- New Vehicle Design
- Air brakes
- Incorporated FL MOVE OVER law



Incident Response Vehicle



Move Over Law Incident Response Vehicle Display

September 2021

Pre-Season Preparedness

- Gate operation exercise
- Response plan refresher
- SunGuide Transportation Management Center (TMC) District VI Visit



Wire Rope Lubrication



Flood Gate Closing Inspection



Flood Gate Closed

May 2021

Incident Management

Prohibited Vehicle

Motorized Toys

- ATVs Incident



Watson Island Eastbound Entrance



Dodge Island Eastbound Exit

April 2021

Secondary Incident

- Single Vehicle Crash vs Arrow Board



EB I-395 Beyond Biscayne Blvd



FDOT Road Ranger Response

June 2021

Wrong Way Incident

- Vehicle enters opposite direction



Enters EB Tunnel Exit



Near Head-on Collision



Turns Around

July 2021

Main Gate Incident

- Hit and run crash



Watson Island Main Gate

September 2021



PortMiami Tunnel



Contact

Concessionnaire:

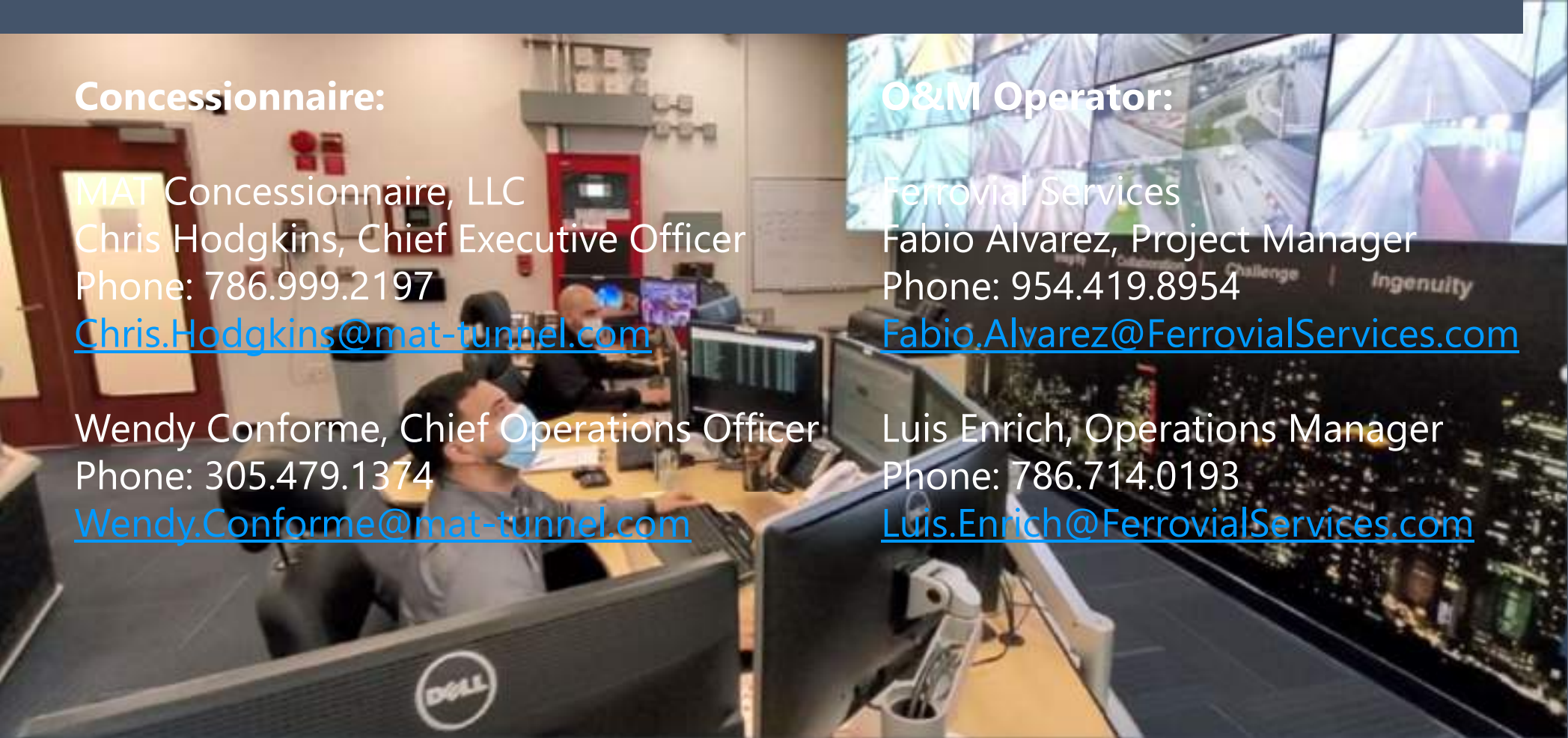
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TIM Meeting

Miami-Dade County Expressway Authority

October 6,2021

AGENDA

- ❑ SunGuide Statistics
 - ❑ Road Ranger Statistics
 - ❑ Fatality Statistics
 - ❑ Wrong-way Driver
 - ❑ Project Updates
- 

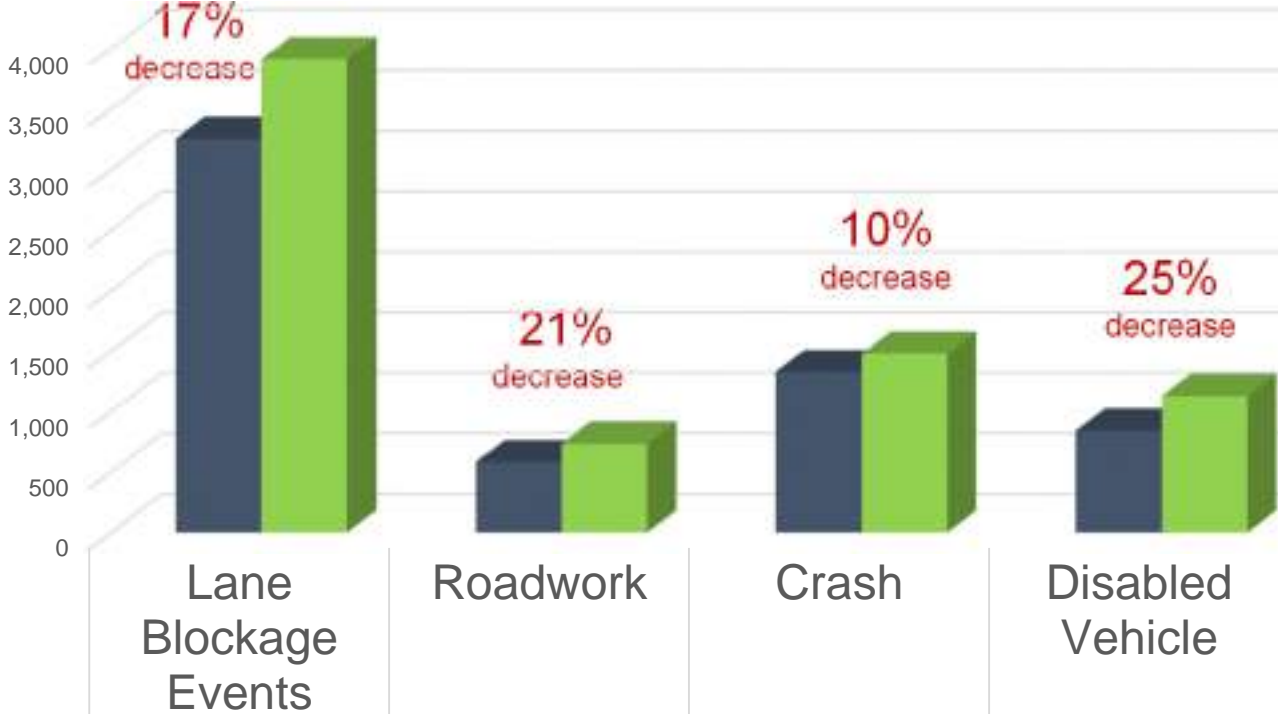
SunGuide Events

■ April 2021 – September 2021

■ October 2020 – March 2021

1% increase
9,266

9,200



■ APR 2021 - SEPT 2021	3,255	582	1,328	842
■ OCT 2020 - MAR 2021	3,913	736	1,479	1,129

Road Ranger Events

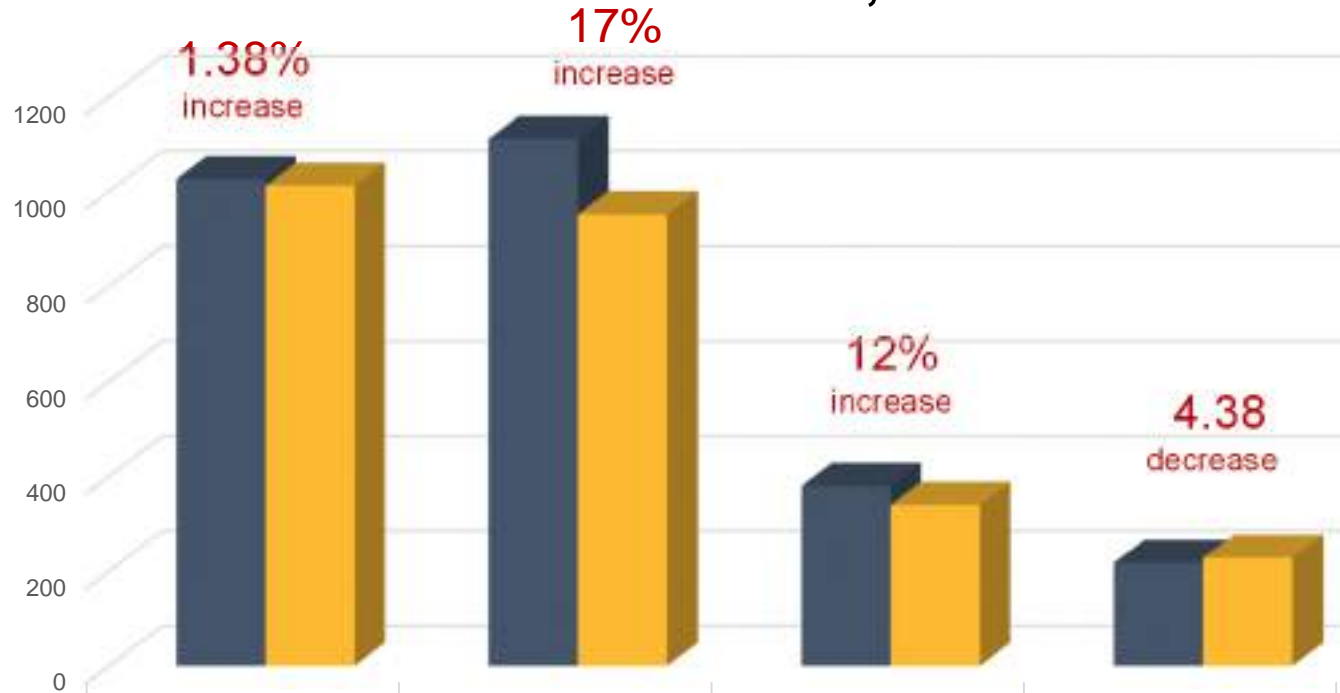
■ April 2021 – September 2021

■ October 2020 – March 2021

35%
increase

9,930

7,359



■ APR 2021 - SEPT 2021

■ OCT 2020 - MAR 2021

Flat Tire

1026

1012

Assist FHP

1111

952

Gas

379

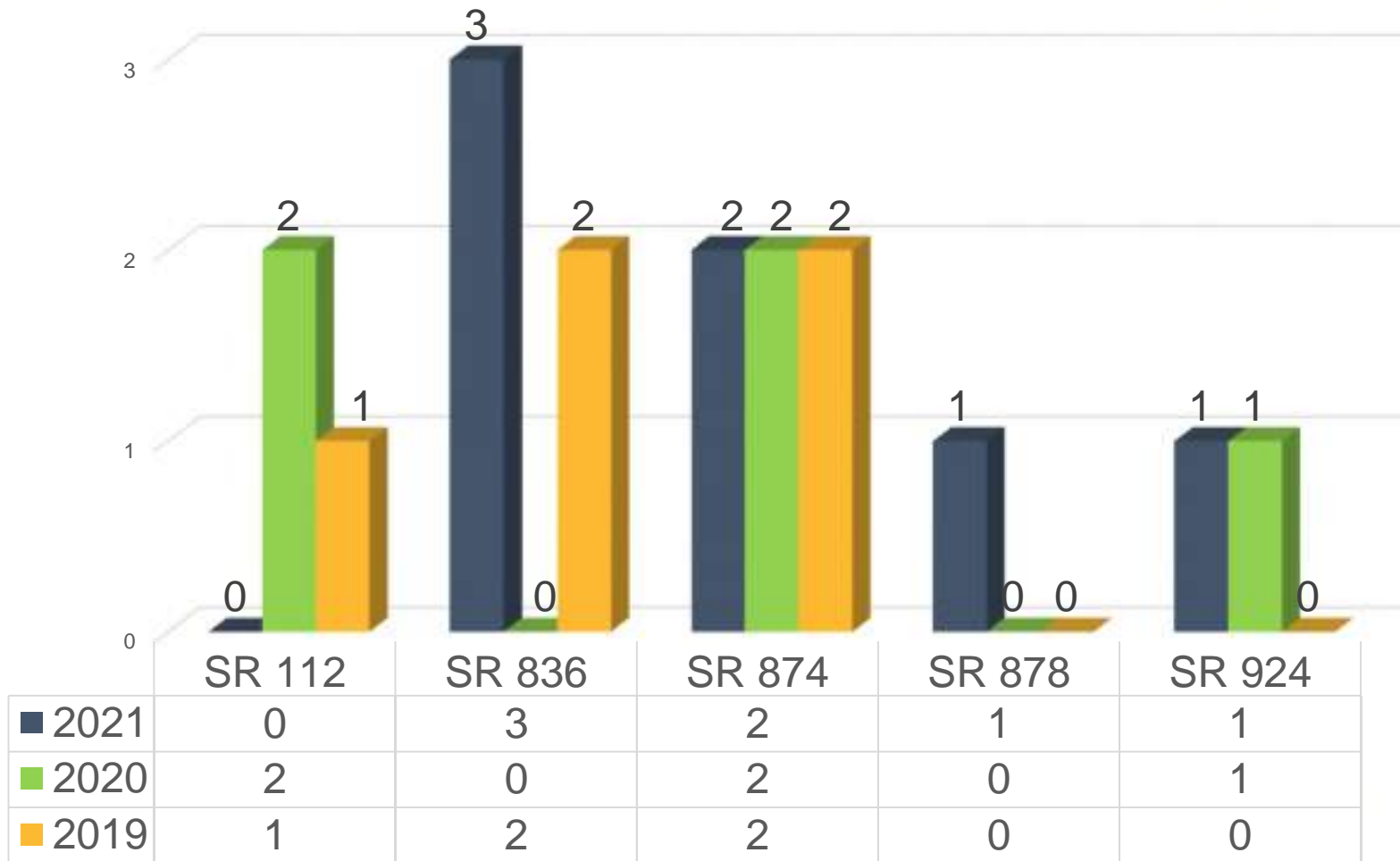
340

Tow

218

228


FATALITY EVENTS



Miami-Dade County Expressway Asset Maintenance/Road Rangers

- ❑ DBi Services awarded Asset Maintenance Services contract including Road Ranger services

 - ❑ Effective date: July 1, 2021/Expiration date: June 30, 2026

 - ❑ Road Ranger Fleet includes:
 - ❑ 3 tow trucks
 - ❑ 1 Flatbed truck
 - ❑ 7 utility pickup trucks
 - ❑ 3 pickup trucks with wheel lifts
- 

New Road Ranger Pickup Trucks



Road Ranger Truck DMS Signs - iCone

- ❑ Connects popular traffic apps like Waze and Google Maps.
- ❑ DMS provides advanced notice of roadway incidents to app users, limiting secondary accidents.
- ❑ DMS can be transform to have the ability to transfer data over a cloud network. This leads to improved safety for agencies by knowing all closures.
- ❑ Technology allows the traveling public to know what lies ahead and give them the opportunity and time to change course.



Road Ranger Truck - AI Dash Cams

- ❑ Real time fleet tracking helps reduce accidents, prevent false claims.
- ❑ In-cab voice provides personalized feedback and coaching.
- ❑ Improve driver productivity, with an app to login to complete Driver Vehicle Reporting System and capture documents





Wrong Way Drivers

January 1 – October 1

- ❑ 18 Blinklink Alerts
- ❑ 7 Confirmed WWD



Correct Traffic Flow:



Blinklink Alert:



PROJECT UPDATE

Project: 87410
Completed: Fall 2021

Improvements Included:

- New on-ramp and off-ramp from SR 874 at SW 128 St
- SW 128 St was widened from two-lane section to a 5-lane section (2 lanes in each direction with turn lanes in the middle)
- Ramp provides alternative expressway access to the area, reducing congestion on SW 120 St and SW 152 St



MDX PROGRAM NO. 87410.101
SR 874 Ramp Connector to SW 128th Street
SR 874 NB/SB Connectors North end.



QUESTIONS?

MDX TMC Operations

Jerry Cosme, MDX TMC Manager

gcosme@eacconsult.com

Rick Johnson, MDX Operations & Maintenance Manager

rjohnson@mdxway.com



I-395/SR 836/I-95 DESIGN-BUILD PROJECT

Financial Project Numbers: 251688-1-52-01, 423126-1-52-01, 423126-2-52-01, 429300-2-52-01

Semi-Annual Joint TIM Team Meeting
October 6, 2021



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ONGOING CONSTRUCTION
ACTIVITIES

- Mainline concrete pavement completed from NW 17 Street to NW 29 Street
- Mainline concrete pavement approximately 95% completed from NW 8 Street to NW 17 Street
- Ongoing concrete pavement replacement work on 836/395 ramps to NB I-95
- Intelligent Transportation Systems installation



**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**



Trestle bridge for
equipment and materials

9-23-2021

Ongoing substructure and earth work for the new lower-level eastbound SR 836 connection to eastbound I-395



ONGOING AND UPCOMING CONSTRUCTION ACTIVITIES

- Ongoing widening work on the eastbound SR 836 ramp to northbound I-95 from one lane to two lanes
- Ongoing installation of stay in place (SIP) forms
- Ongoing erection of concrete beams



9-23-2021

**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**

Main Support Beam (MSB) erected
on September 9. Next steps:

- Perform load testing
- Erect CAPs



9-23-2021



**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**





**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**

CAP/BEAM LAUNCHER

SR-836 Double Deck Construction Sequence





**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**



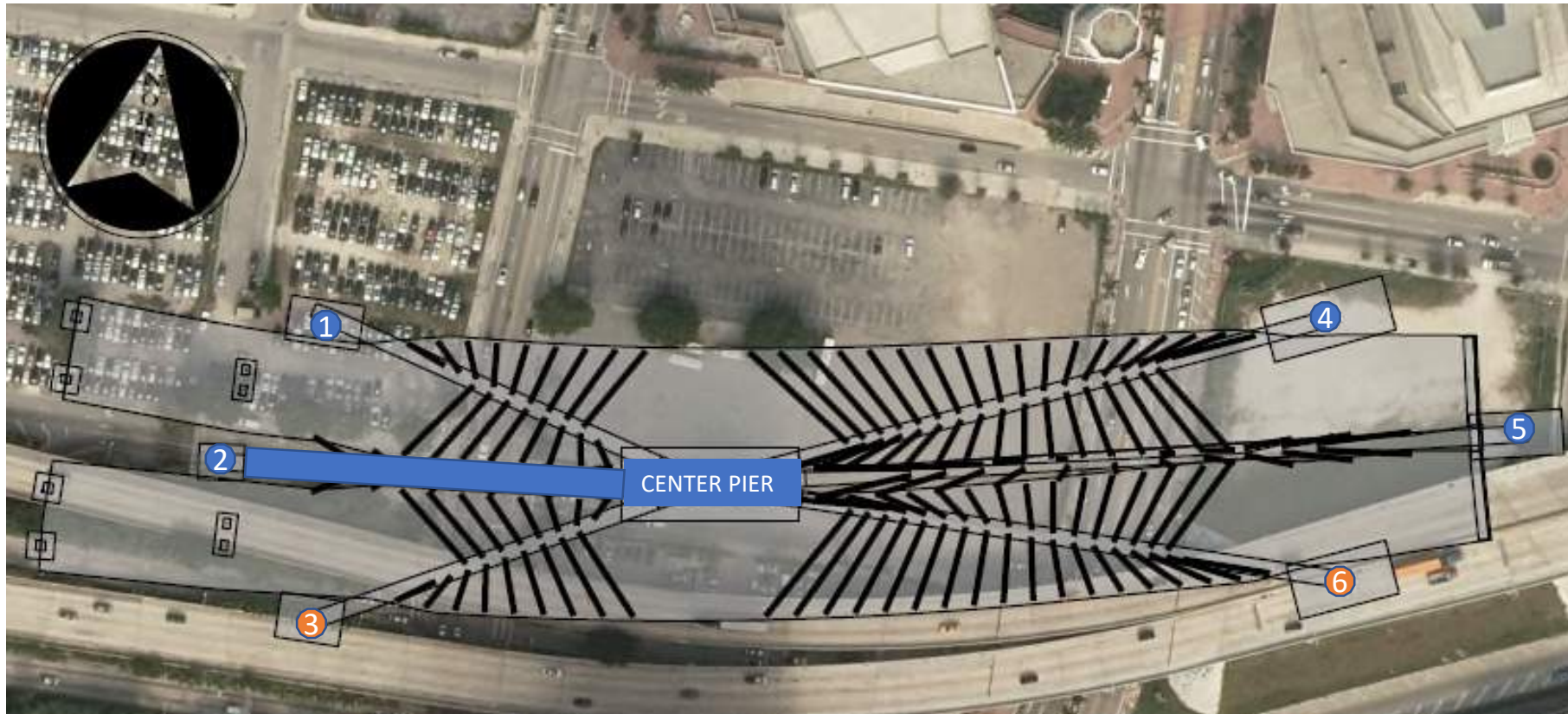
9-23-2021

Ongoing construction of SR 836 double-decked roadway entrance and exit ramp



ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES

SIGNATURE BRIDGE FOUNDATIONS



Arch construction will begin with the construction of Arch 2



ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES

ARCH FOUNDATION
CONSTRUCTION

Arch 4 and 5 footers

Ongoing "arch leg" construction at
center pier

Arch 1 leveling pad completed.
Rebar installation starting

Preparation for concrete footer pour
at Arch 2



9-23-2021



**ONGOING CONSTRUCTION
ACTIVITIES**

Center Pier Footer Pour Time Lapse





**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**

CENTER PIER

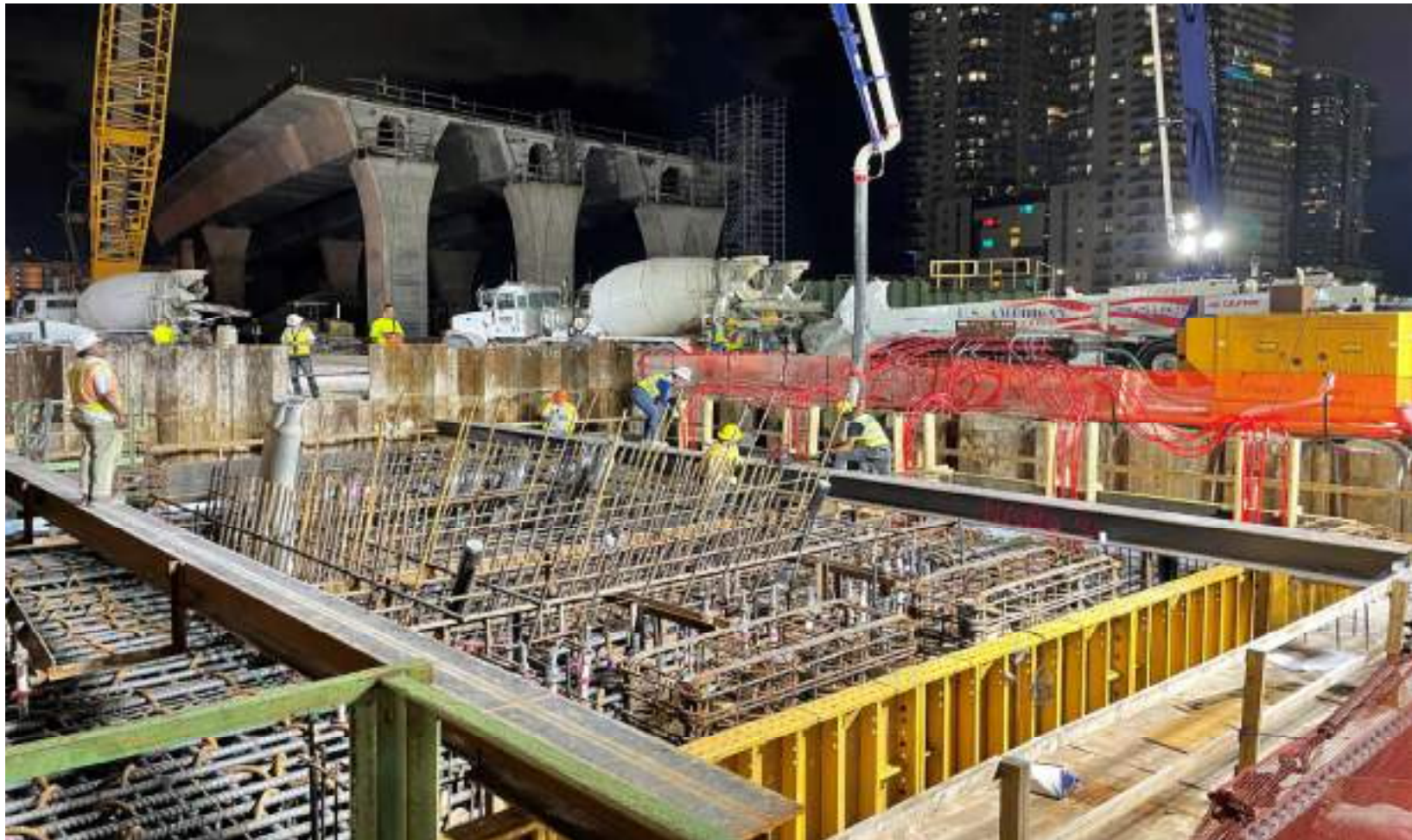


Ongoing construction of “arch legs” at the center pier location. Concrete pour scheduled for mid-late November.



**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**

ARCH TWO





**ONGOING CONSTRUCTION
ACTIVITIES**

Center Pier Footer Pour Time Lapse



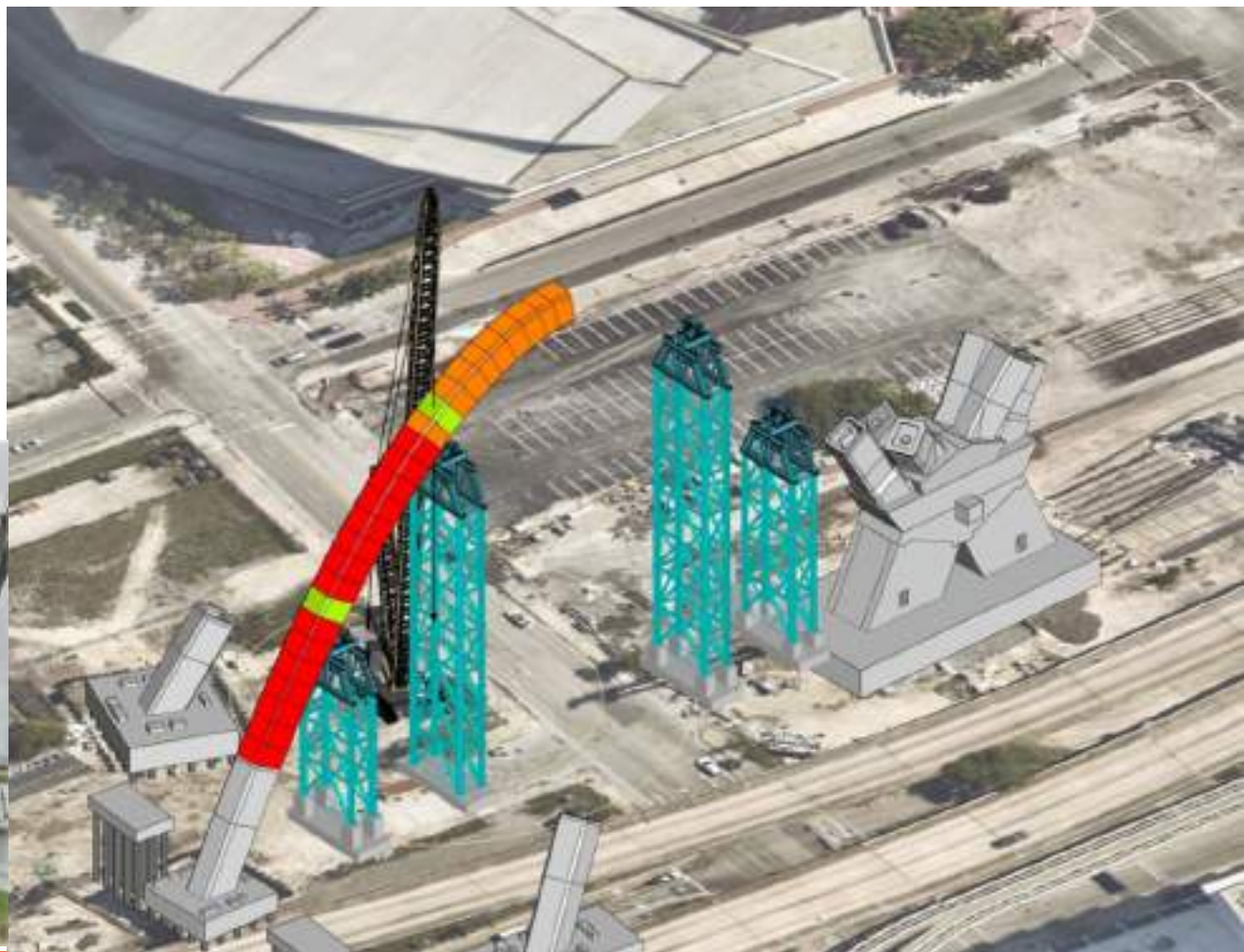


CONSTRUCTION METHODS

ARCH CONSTRUCTION

STEP-2

- Continue erection of precast arch segments
- Install and support arch on temporary towers



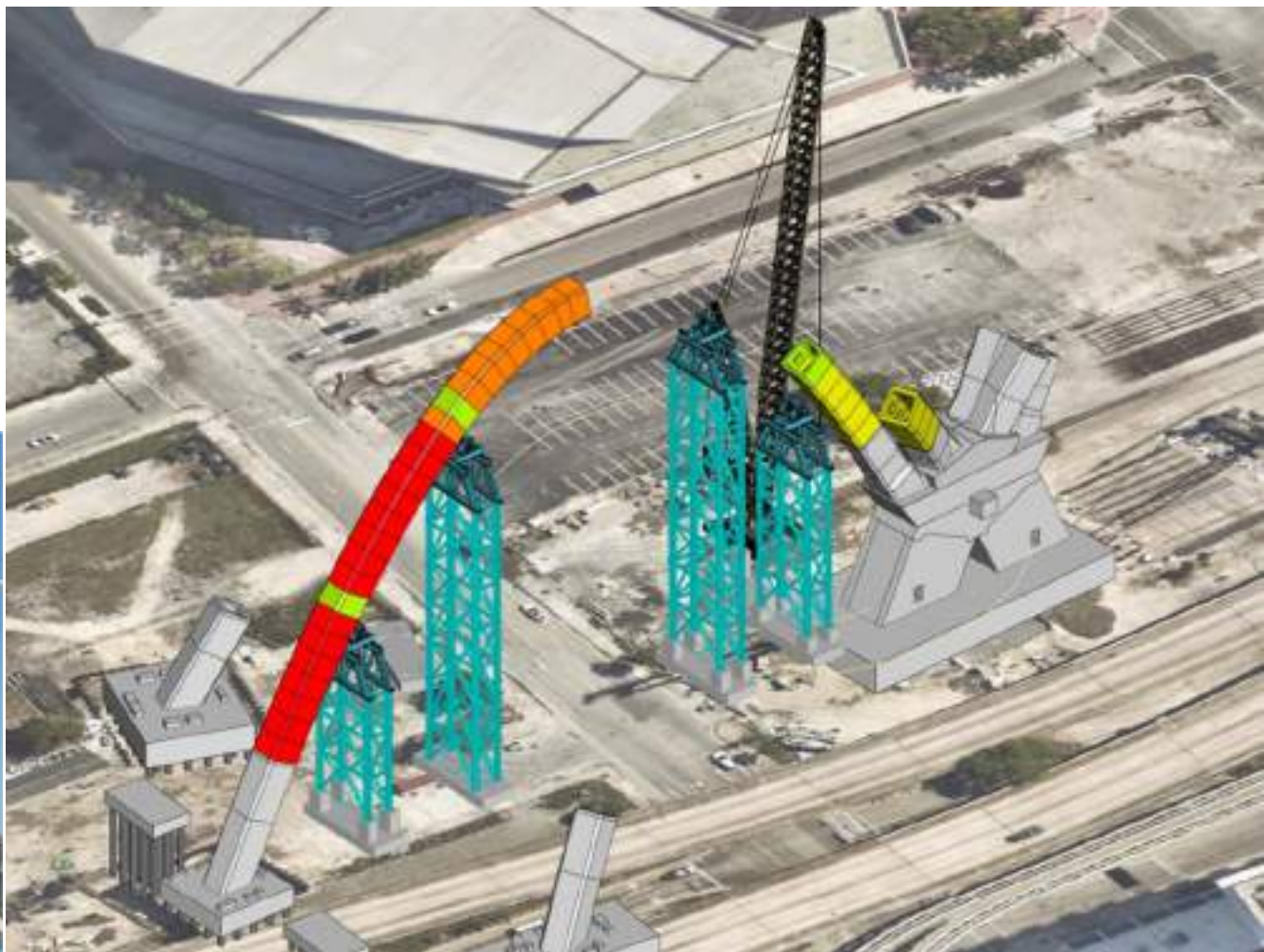


CONSTRUCTION METHODS

ARCH CONSTRUCTION

STEP-3

- Install precast arch segments at the center pier
- Install and support arch on temporary towers



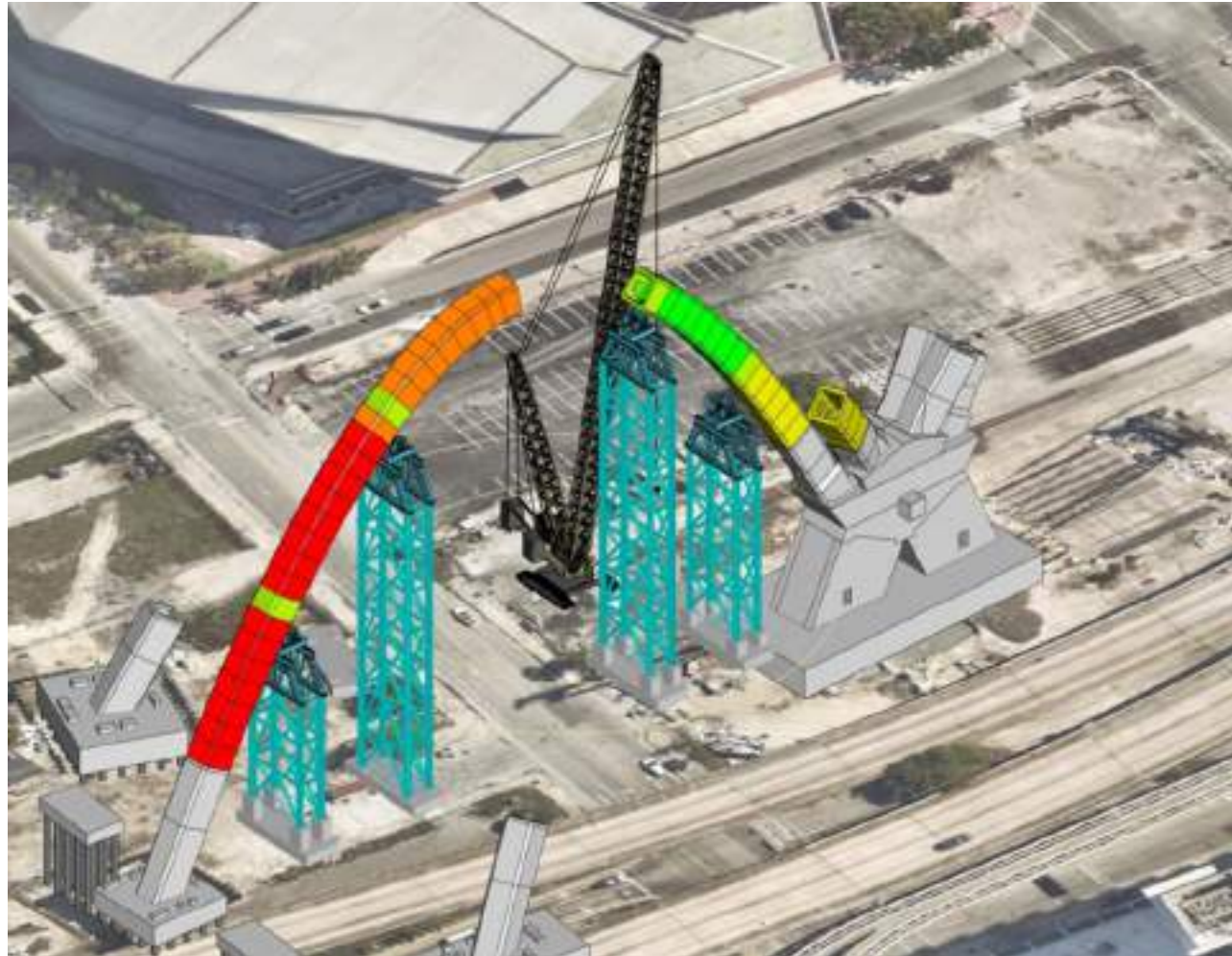


CONSTRUCTION METHODS

ARCH CONSTRUCTION

STEP-4

- Continue erection of precast arches
- Install and support arch on temporary towers



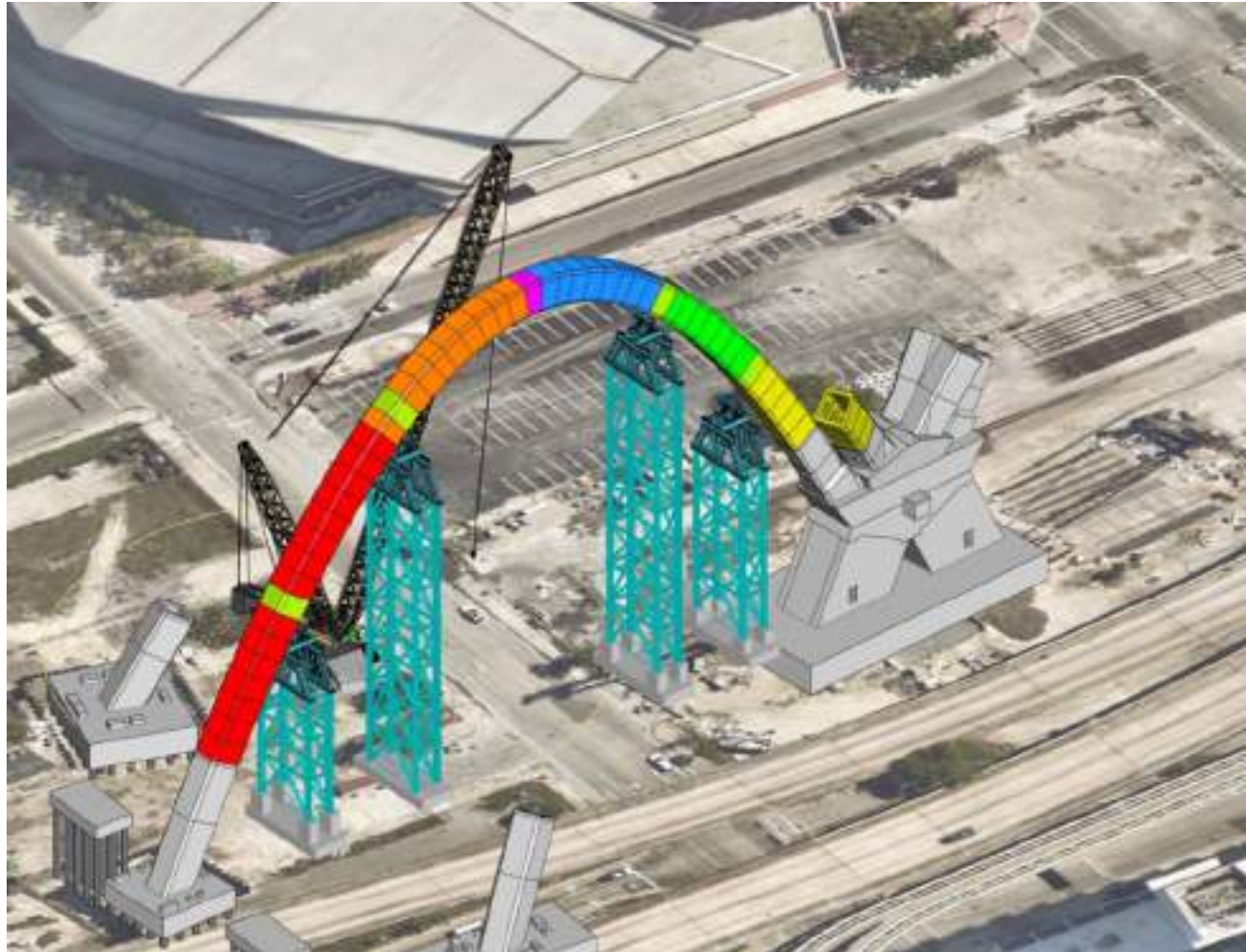


CONSTRUCTION METHODS

ARCH CONSTRUCTION

STEP-5

- Jack apart the two arches
- Cast in place the closure pour
- Remove temporary shoring towers and all false work





**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**



Footer and pier construction along I-395 corridor





ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES



9-23-2021

- Ongoing construction of the temporary westbound I-395 bypass to switch traffic onto new bridges
- Scheduled opening October 2022

ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES

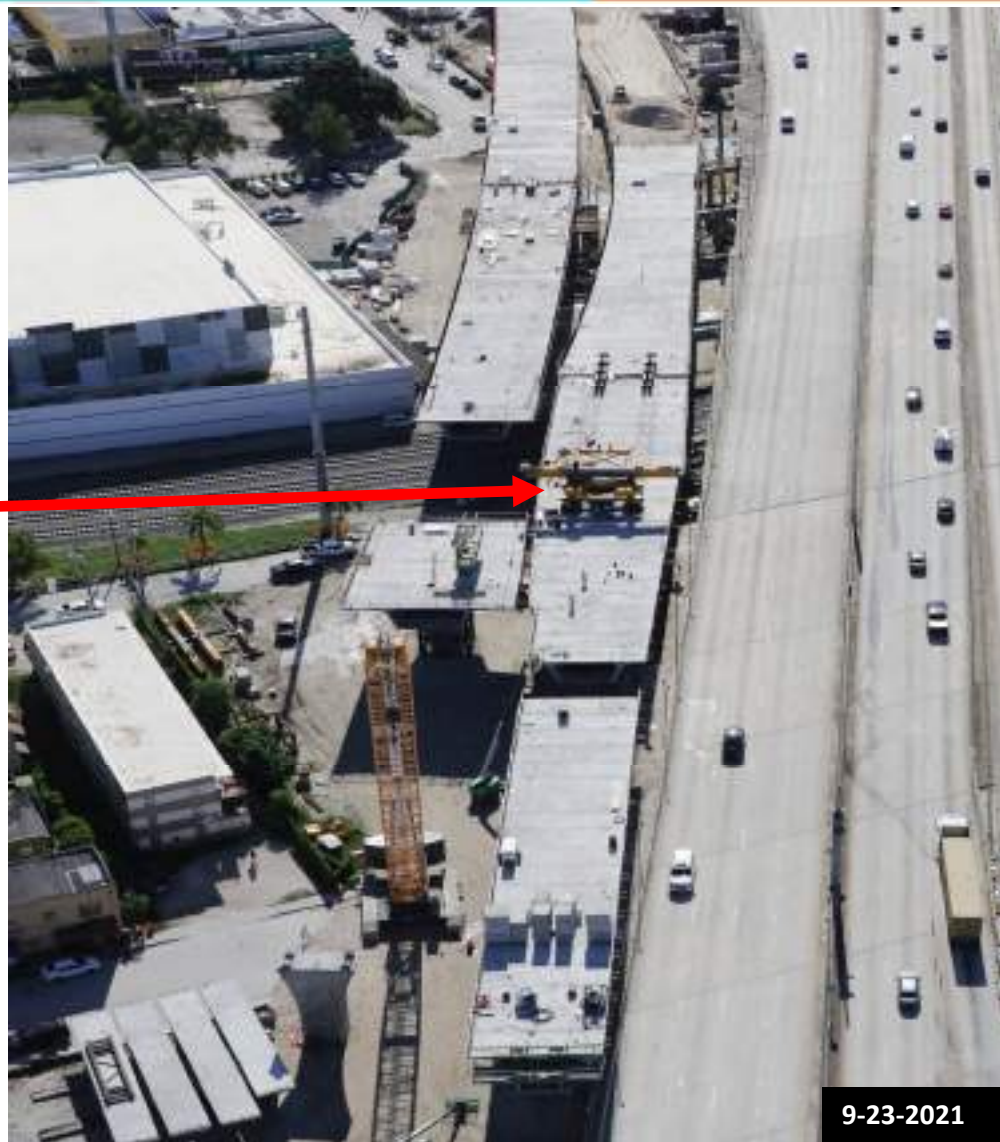
Construction of the permanent
entrance ramp to westbound I-395 at
North Miami Avenue



9-23-2021



**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**



9-23-2021

Segment lifter setting segments for new I-395 bridge over FEC/Brightline rail tracks



**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**

Erection of bridge segments for the eastbound I-395 collector-distributor roadway





**ONGOING AND UPCOMING
CONSTRUCTION ACTIVITIES**





THANK YOU! QUESTIONS?

www.i-395miami.com



Contact:
Oscar Gonzalez

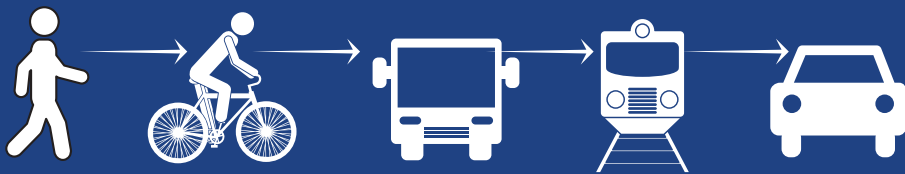
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FLORIDA
DEPARTMENT OF
TRANSPORTATION

GOLDEN GLADES MULTIMODAL TRANSPORTATION FACILITY (GGMTF)



FDOT - MIAMI-DADE/BROWARD COUNTY
TRAFFIC INCIDENT MANAGEMENT TEAM
MEETING OCTOBER 6, 2021

FIN#: 251684-6-52-01





PROJECT TEAM



**JACQUELINE
SEQUEIRA, P.E.**

**FDOT CONSTRUCTION
MANAGER SPECIAL
PROJECTS**



**SERGIO
GONZALEZ, P.E.**

**PINNACLE CONSULTING
ENTERPRISES, INC.**



**DESIGN-BUILD
TEAM**

**LEAD ENGINEERING
CONTRACTORS
AND
A&P CONSULTING
TRANSPORTATION ENGINEERS**



**SANDRA
BELLO**

**COMMUNITY OUTREACH
SPECIALIST**



PROJECT OVERVIEW



PROJECT LOCATION

The Golden Glades Park & Ride Facility
including the west parking lot



DESIGN SCHEDULE

Design of plans began Monday, August 6, 2018



CONSTRUCTION SCHEDULE

Construction began: December 17, 2018

•Estimated construction completion: fall 2021

-This date does not reflect days added to contract for holidays, weather days or special events



COST ESTIMATE

Cost is \$60 million



OVERVIEW





OVERVIEW





OVERVIEW





PEDESTRIAN BRIDGE





BUS LOOP





SR 7 ENTRANCE





CIRCULATION ROAD





TRANSIT HUB





TRANSIT HUB





BUS DRIVER'S BREAK LOUNGE





BUS DRIVER'S BREAK LOUNGE





TRI-RAIL VIEW





SURFACE LOT





CONNECTOR ROAD





CONTACT INFORMATION

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For more information on lane closures and other project details, log onto the FDOT Construction website at www.fdotmiamidade.com