

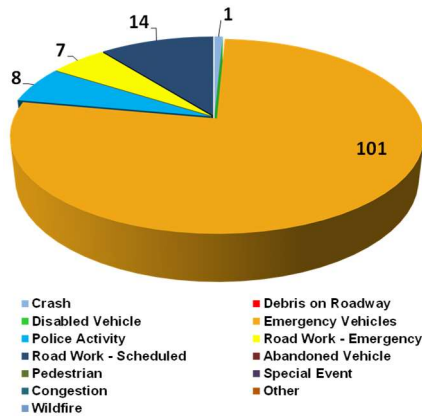
## TSM&O Summary Report – March 2023

### Milestones

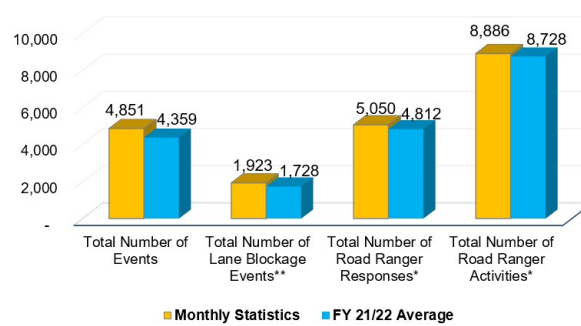
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-395/SR 836/I-95 Design-Build, SR 826/Palmetto Expressway Managed Lanes Modification, SR 5/US 1 Keys COAST CV Pilot Project, Wrong Way Driving Detection System (Multiple Locations), Express Lane Tubular Marker Maintenance, ITS Device Replacement Projects, US 27/SR 25/Okeechobee Road Projects, Port Boulevard Bridge Repair/Rehabilitation, and US 1 Keys Construction (Multiple Projects)
- Special event coordination for Miami Beach Spring Break, Ultra Music Festival, World Baseball Classic, Miami Open Tennis
- Developed TMC Operator event dashboard
- Published the FY 2021-2022 District Six TSM&O Annual Report
- Supported Florida's Turnpike emergency bridge repair in the Golden Glades Interchange

### TMC Operations

#### Secondary Events Managed by Event Type

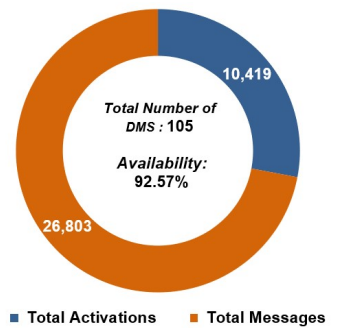


#### Event Summary Statistics



\*Road Ranger Response and Activities data are inconsistent due to a reporting upgrade.  
\*\*SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

#### DMS Usage Summary



Does not include PSA/safety messages.

### Systems Maintenance

ITS System Availability (FDOT Non-Operational)

| Subsystem  | February 2023 | Target  |
|--|---------------|---------|
| TMC Systems (critical)                                   | 99.98%        | ≥99.90% |
| TMC Systems (non-critical)                               | 99.82%        | ≥98.00% |
| <a href="http://www.sunguide.info">www.sunguide.info</a> | 100.00%       | ≥98.00% |

#### CCTV

#### Detectors

#### Video Wall

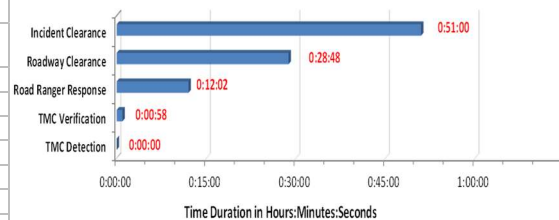
#### SunGuide® Software

80.00% 100.00%

### TMC Operations Performance

| Performance Measure                             | Non-Toll General Use Lanes |          | Express Lanes |          |
|---|----------------------------|----------|---------------|----------|
|   | March 2023                 | Target   | March 2023    | Target   |
| DMS Efficiency (Lane Blockage)***               | 99.95%                     | ≥95%     | 100.00%       | 100%     |
| TMC Operator Error Rate (Lane Blockage)***      | 0.11                       | ≤0.20    | 0.07          | ≤0.10    |
| TMC Operator Error Rate (Non-Lane Blockage)     | 0.07                       | ≤0.20    | 0.04          | ≤0.10    |
| Road Ranger Dispatching Average (Lane Blockage) | 0:00:25                    | ≤0:02:00 | 0:00:20       | ≤0:00:60 |
| Event Confirmation Average (Lane Blockage)      | 0:01:09                    | ≤0:02:00 | 0:00:12       | ≤0:00:60 |
| Time to Post DMS Average (Lane Blockage)        | 0:01:28                    | ≤0:03:00 | 0:01:01       | ≤0:01:30 |
| Agency Notification Average (Lane Blockage)     | 0:01:31                    | ≤0:07:00 | 0:01:11       | ≤0:04:00 |

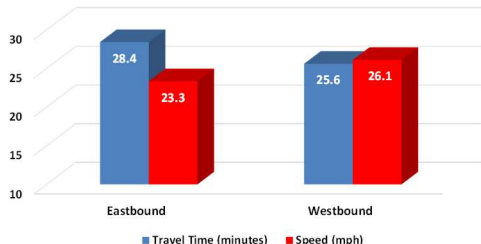
\*\*\*As of June 1, 2021, values are computed from randomized sampling for lane blockage events.



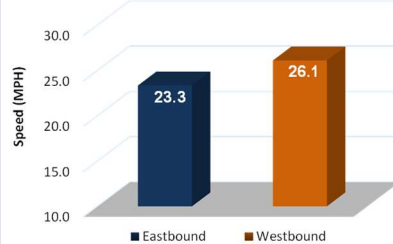
### Active Arterial Management

**Miami-Dade County SW 8<sup>th</sup> Street ASCT Pilot Project from SW 142<sup>nd</sup> Avenue to SW 67<sup>th</sup> Avenue and Monroe County Traffic Signal System (MCTSS) from MM0.0 to MM106.5**  
Monday – Friday from 7:00 am - 7:00 pm

#### Monthly Travel Time and Speed Average: Miami-Dade County



#### Monthly Average Speed (MPH): Miami-Dade County



#### ASCT Components and Traffic Signals Systems Availability

