

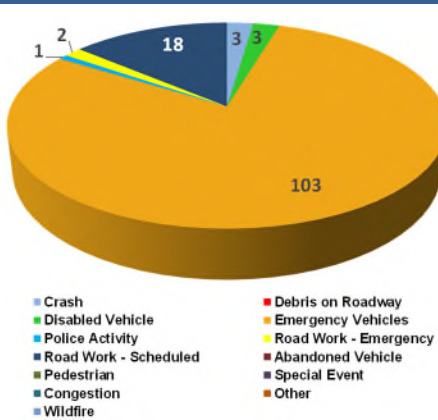
# TSM&O Summary Report – May 2024

## Milestones

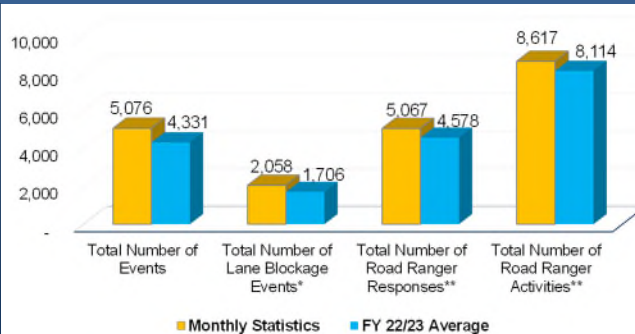
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-395/SR 836/I-95 Design-Build, Golden Glades Interchange Enhancement Project, SR 826/Palmetto Expressway Managed Lanes Modification, SR 5/US 1 Keys COAST CV Pilot Project, Wrong Way Driving Detection System (Multiple Locations), Express Lane Tubular Marker Maintenance, ITS Device Replacement Projects, US 27/SR 25/Okeechobee Road Projects, Julia Tuttle Causeway at Alton Road, and US 1 Keys Construction (Multiple Projects)
- Supported Miami Beach Memorial Day weekend traffic mitigation measures
- Provided onsite traffic management support for the Miami Grand Prix

## TMC Operations

### Secondary Events Managed by Event Type

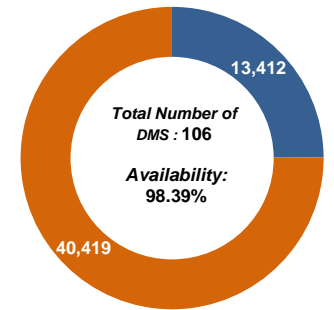


### Event Summary Statistics



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

### DMS Usage Summary

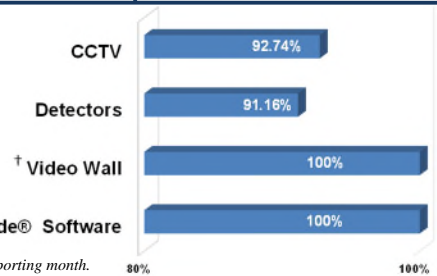


■ Total Activations ■ Total Messages  
 Does not include PSA/safety messages.

## Systems Maintenance

ITS System Availability (FDOT Non-Operational)

Subsystem	May 2024	Target
TMC Systems (critical)	99.98%	≥99.90%
TMC Systems (non-critical)	99.67%	≥98.00%
<a href="http://www.sunguide.info">www.sunguide.info</a>	100%	≥98.00%

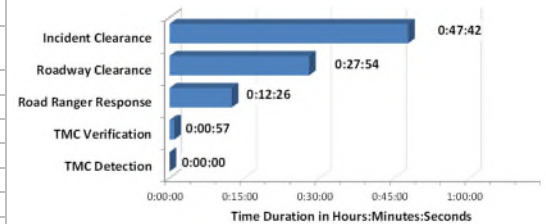


†Note: Video Wall was under construction during reporting month.

## TMC Operations Performance

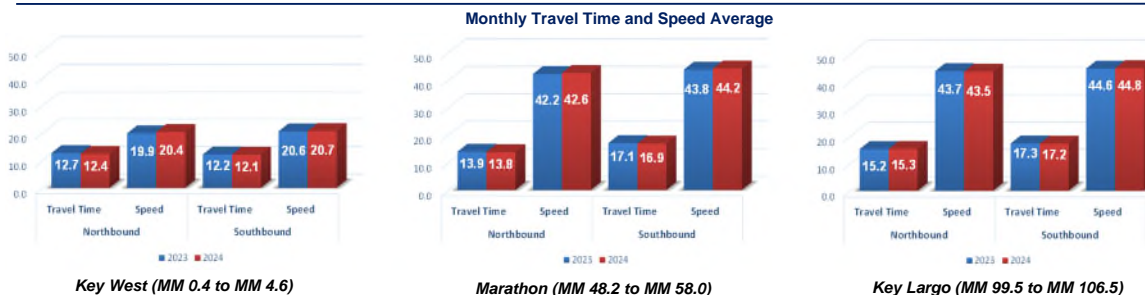
Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	May 2024	Target	May 2024	Target
DMS Efficiency (Lane Blockage)***	100%	≥95%	100%	100%
TMC Operator Error Rate (Lane Blockage)***	0.14	≤0.20	0.06	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.08	≤0.20	0.06	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:28	≤0:02:00	0:00:24	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:00	≤0:02:00	0:00:44	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:02	≤0:03:00	0:01:11	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:35	≤0:07:00	0:01:22	≤0:04:00

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



## Active Arterial Management

Monroe County Traffic Signal System (MCTSS) from MM 0.0 to MM 106.5 Monday – Friday from 7:00 am - 7:00 pm



### Traffic Signals Systems Availability



Travel Time is measured in minutes and speed in miles per hour.