

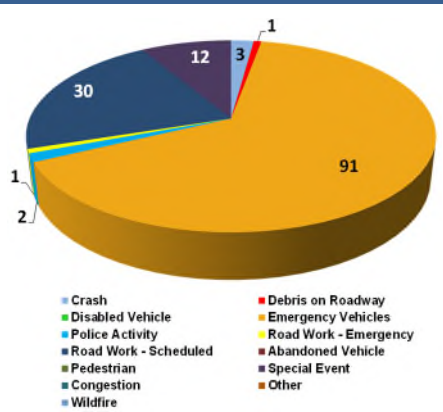
TSM&O Summary Report – October 2023

Milestones

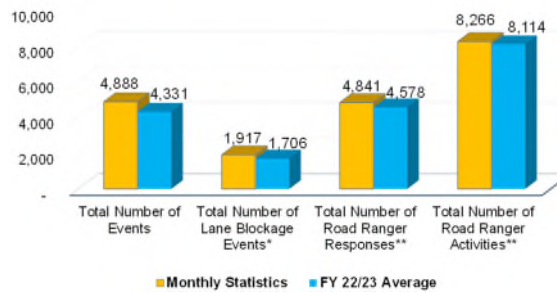
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-395/SR 836/I-95 Design-Build, SR 826/Palmetto Expressway Managed Lanes Modification, SR 5/US 1 Keys COAST CV Pilot Project, Wrong Way Driving Detection System (Multiple Locations), Express Lane Tubular Marker Maintenance, ITS Device Replacement Projects, US 27/SR 25/Okeechobee Road Projects, and US 1 Keys Construction (Multiple Projects)
- Provided TMC onsite support at Homestead-Miami Speedway for NASCAR event
- Provided TMC onsite support at Hard Rock Stadium for Miami Dolphins football games
- Hosted Miami-Dade/Broward Traffic Incident Management Team meeting
- Hosted TMC tours for FDOT Emergency Management staff and City of Miami Beach

TMC Operations

Secondary Events Managed by Event Type

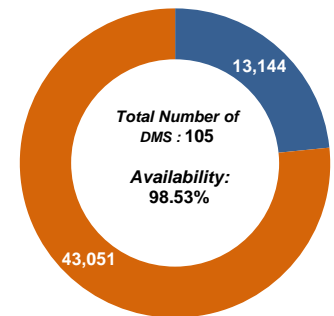


Event Summary Statistics



*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

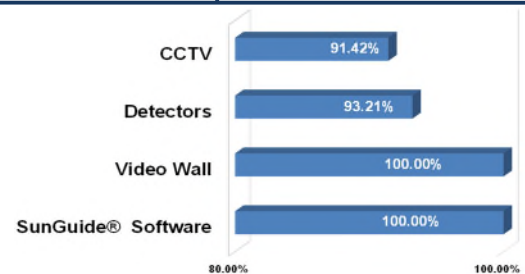


Does not include PSA/safety messages.

Systems Maintenance

ITS System Availability (FDOT Non-Operational)

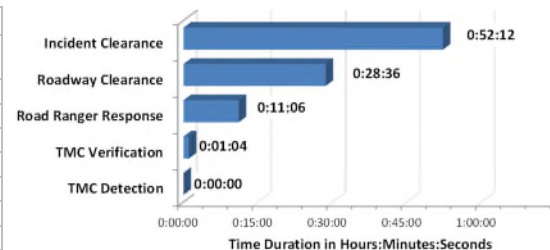
Subsystem	October 2023	Target
TMC Systems (critical)	99.96%	≥99.90%
TMC Systems (non-critical)	99.68%	≥98.00%
www.sunguide.info	99.98%	≥98.00%



TMC Operations Performance

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	October 2023	Target	October 2023	Target
DMS Efficiency (Lane Blockage)***	100.00%	≥95%	100.00%	100%
TMC Operator Error Rate (Lane Blockage)***	0.13	≤0.20	0.08	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.06	≤0.20	0.07	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:26	≤0:02:00	0:00:19	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:19	≤0:02:00	0:00:12	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:17	≤0:03:00	0:01:07	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:41	≤0:07:00	0:01:23	≤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

