

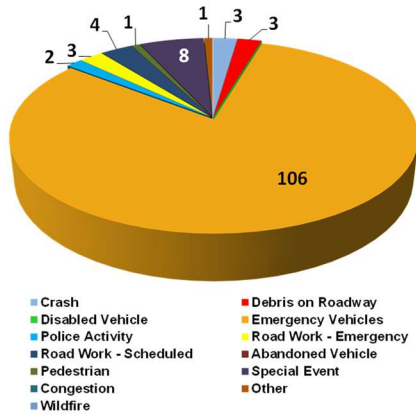
TSM&O Summary Report – November 2022

Milestones

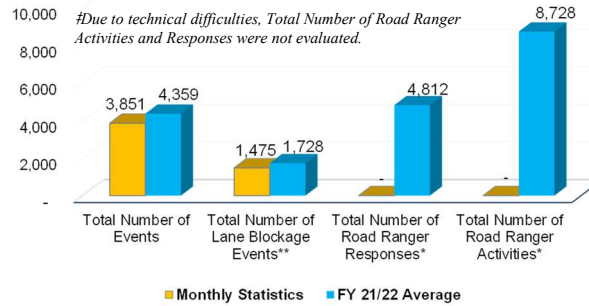
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-395/SR 836/I-95 Design-Build, SR 826/Palmetto Expressway Managed Lanes Modification, SR 5/US 1 Keys COAST CV Pilot Project, Wrong Way Driving Detection System (Multiple 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)
- Participated in Crash Responder Safety Week
- Attended and presented at the 2022 Southeastern ITS Summit
- Hosted the Monroe County Traffic Incident Management (TIM) meeting
- Launched bridge notification system for two drawbridges along NE 79 Street

TMC Operations

Secondary Events Managed by Event Type



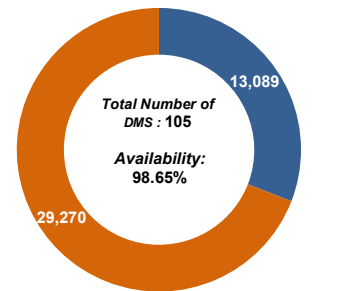
Event Summary Statistics[†]



[†]Due to technical difficulties, Total Number of Road Ranger Activities and Responses were not evaluated.
*Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.
**SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

DMS Usage Summary

DMS Usage Summary Chart

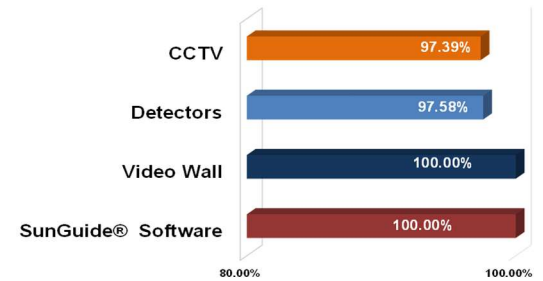


Does not include PSA/safety messages

Systems Maintenance

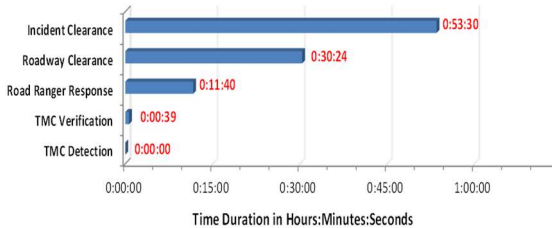
ITS System Availability (FDOT Non-Operational)

Subsystem	November 2022	Target
TMC Systems (critical)	99.34%	≥99.90%
TMC Systems (non-critical)	97.90%	≥98.00%
www.sunguide.info	100.00%	≥98.00%



TMC Operations Performance

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	November 2022	Target	November 2022	Target
DMS Efficiency (Lane Blockage)***	100.00%	≥95%	100.00%	100%
TMC Operator Error Rate (Lane Blockage)***	0.13	≤0.20	0.05	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.08	≤0.20	0.08	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:32	≤0:02:00	0:00:22	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:00:43	≤0:02:00	0:00:22	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:24	≤0:03:00	0:00:53	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:33	≤0:07:00	0:01:16	≤0:04:00



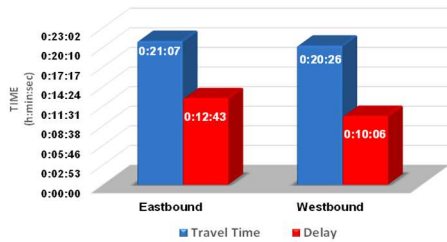
***As of June 1, 2021, values are computed from randomized sampling for lane blockage events.

*** Due to technical issues, Performance Measures, besides DMS Efficiency, were conducted from November 1 through November 3.

Active Arterial Management

Miami-Dade County SW 8th Street ASCT Pilot Project from SW 142nd Avenue to SW 67th 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 Delay Average: Miami-Dade County



Monthly Average Speed (MPH): Miami-Dade County



ASCT Components and Traffic Signals Systems Availability

