

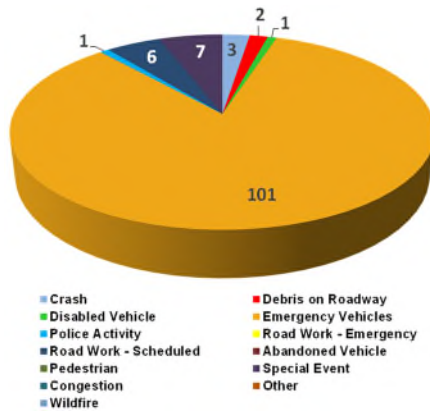
TSM&O Summary Report – June 2024

Milestones

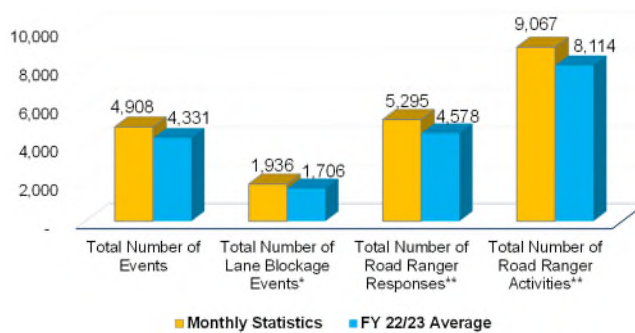
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-395/SR 836/I-95 Design-Build, Golden Glades Interchange Enhancement Project, SR 826/Palmetto Expressway Managed Lanes Modification, Wrong Way Driving Detection 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)
- Presented at the FDOT Transportation Symposium
- Hosted TMC tour for the Nevada DOT Director
- Hosted TMC tour for Miami-Dade County STEM teachers
- Hosted Monroe County TIM Team Meeting

TMC Operations

Secondary Events Managed by Event Type

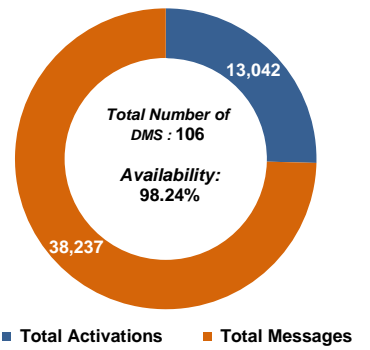


Event Summary Statistics



*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

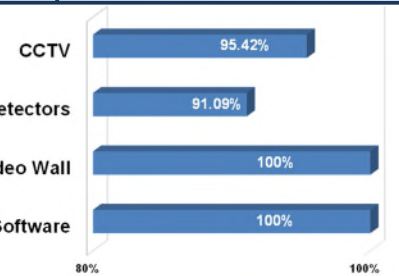


Does not include PSA/safety messages.

Systems Maintenance

ITS System Availability (FDOT Non-Operational)

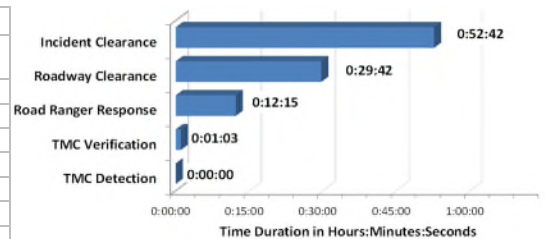
Subsystem	June 2024	Target
TMC Systems (critical)	99.90%	≥99.90%
TMC Systems (non-critical)	98.55%	≥98.00%
www.sunguide.info	100%	≥98.00%



TMC Operations Performance

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	June 2024	Target	June 2024	Target
DMS Efficiency (Lane Blockage)***	99.95%	≥95%	100%	100%
TMC Operator Error Rate (Lane Blockage)***	0.20	≤0.20	0.08	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.09	≤0.20	0.07	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:29	≤0:02:00	0:00:26	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:15	≤0:02:00	0:00:18	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:21	≤0:03:00	0:01:18	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:44	≤0:07:00	0:01:34	≤0:04:00

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



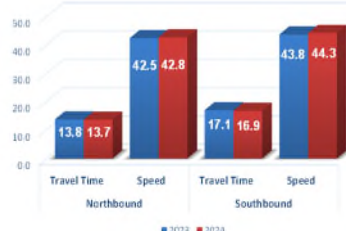
Active Arterial Management

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

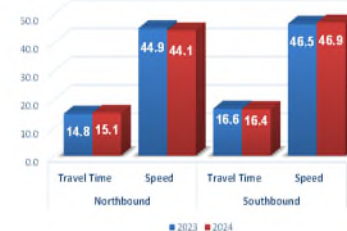
Monthly Travel Time and Speed Average



Key West (MM 0.4 to MM 4.6)



Marathon (MM 48.2 to MM 58.0)



Key Largo (MM 99.5 to MM 106.5)

Traffic Signals Systems Availability



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