

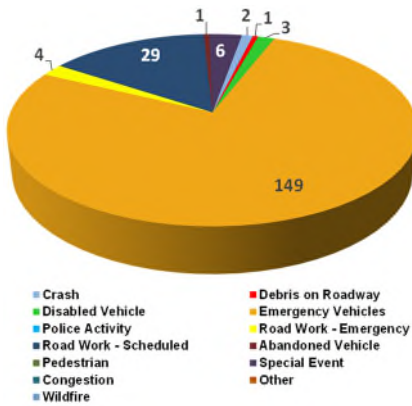
TSM&O Summary Report – December 2024

Highlights

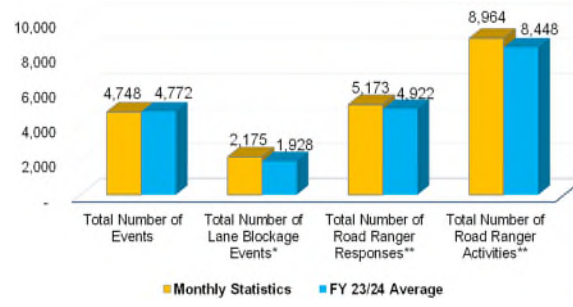
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-395/SR 836/I-95 Design-Build, Golden Glades Interchange Enhancement Project, SR 826/Palmetto Expressway Managed Lanes Modification, Wrong Way Driving Detection System (Multiple Locations), Express Lane Tubular Marker Maintenance, ITS Device Replacement Projects, US 27/SR 25/Okeechobee Road Projects, and US 1 Keys Construction (Multiple Projects)
- Supported the TMC 20-year anniversary with new appreciation video and social media plan
- Conducted National TIM Responder training
- Coordinated removal of toll violation signs along 95 Express
- Made temporary signal timing changes along US 1 in Monroe County to alleviate congestion from holiday traffic

TMC Operations

Secondary Events Managed by Event Type

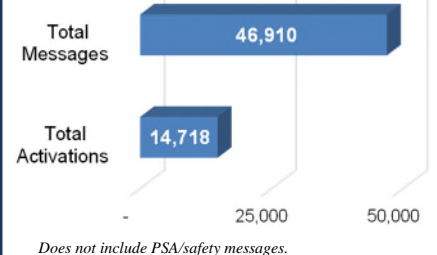


Event Summary Statistics



*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



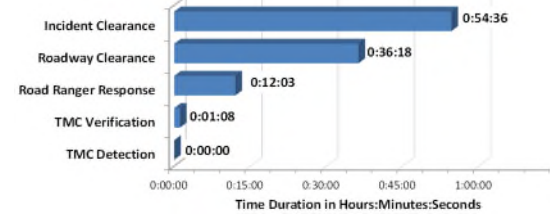
Backup Location Test

TMC Operations Performance

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	December 2024	Target	December 2024	Target
DMS Efficiency (Lane Blockage)***	99.8%	≥95%	100%	100%
TMC Operator Error Rate (Lane Blockage)***	0.19	≤0.20	0.10	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.09	≤0.20	0.08	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:27	≤0:02:00	0:00:22	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:18	≤0:02:00	0:00:27	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:34	≤0:03:00	0:01:10	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:43	≤0:07:00	0:01:22	≤0:04:00

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

Incident Management Performance



Roadway Clearance affected by several long-term events

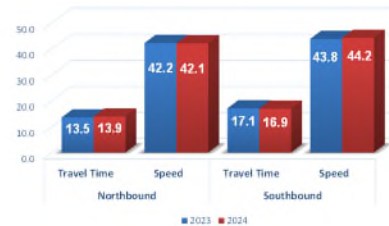
Active Arterial Management

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)

Systems Maintenance

ITS System Availability (FDOT Non-Operational)

Subsystem	December 2024	Target
TMC Systems (critical)	100%	≥99.9%
TMC Systems (non-critical)	99.5%	≥98.0%
www.sunguide.info	100%	≥98.0%

