

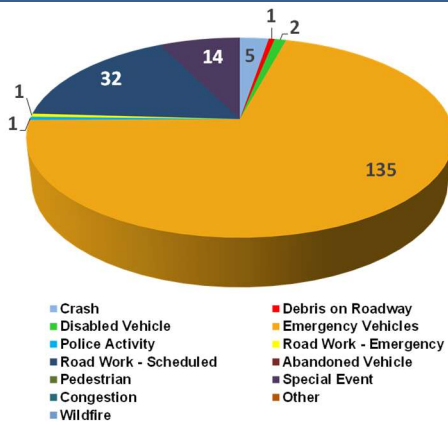
TSM&O Summary Report – September 2024

Highlights

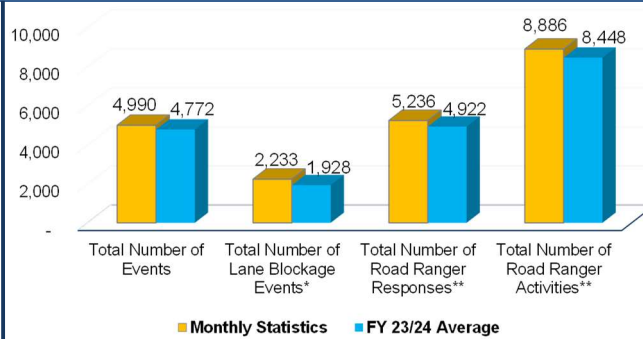
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-395/SR 836/I-95 Design-Build, Golden Glades Interchange Enhancement Project, SR 826/Palmetto Expressway Managed Lanes Modification, Wrong Way Driving Detection 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)
- Began onsite traffic management support at Hard Rock Stadium for college and professional football games
- Migrated emergency signals along US 1 located at MM 106.5, MM 99.1, and MM 91.6 in Monroe County to the wireless communication system
- Conducted preparations for Hurricane Helene
- Facilitated FDOT Central Office Road Ranger interview and ride-along for Crash Responder Safety Week

TMC Operations

Secondary Events Managed by Event Type



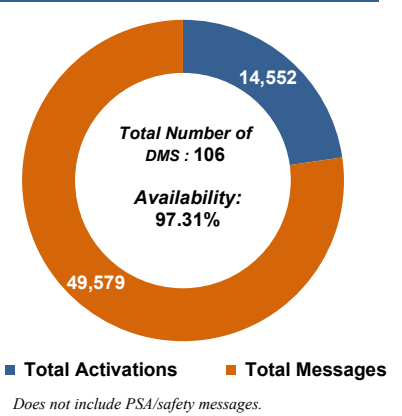
Event Summary Statistics



*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.

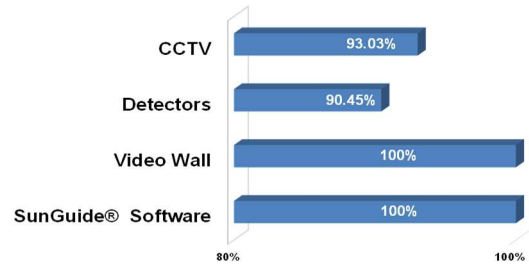
DMS Usage Summary



Systems Maintenance

ITS System Availability (FDOT Non-Operational)

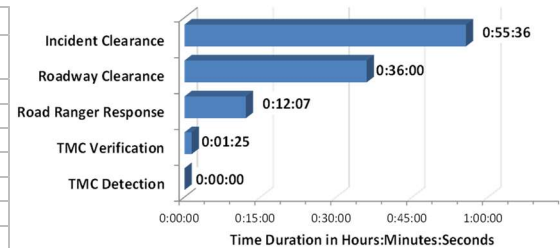
Subsystem	September 2024	Target
TMC Systems (critical)	99.92%	≥99.90%
TMC Systems (non-critical)	99.52%	≥98.00%
www.sunguide.info	100.00%	≥98.00%



TMC Operations Performance

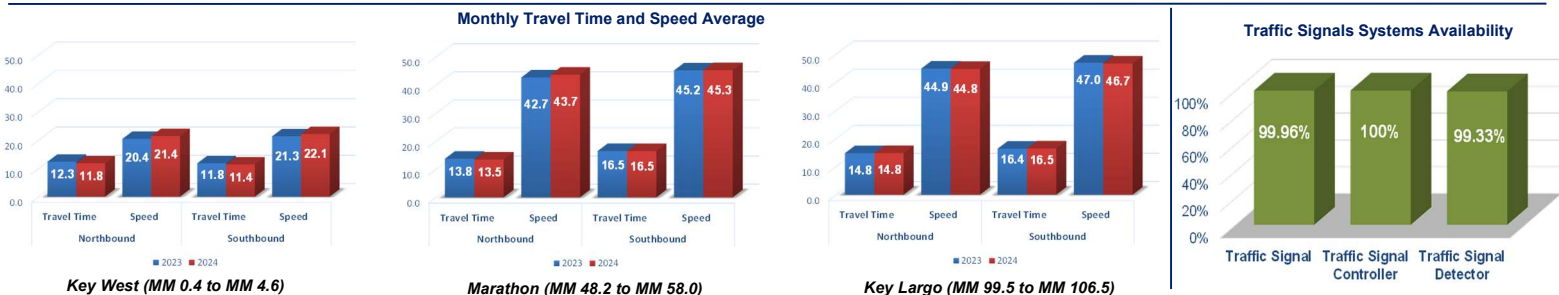
Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	September 2024	Target	September 2024	Target
DMS Efficiency (Lane Blockage)***	100%	≥95%	100%	100%
TMC Operator Error Rate (Lane Blockage)***	0.13	≤0.20	0.06	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.09	≤0.20	0.06	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:47	≤0:02:00	0:00:26	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:37	≤0:02:00	0:00:34	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:18	≤0:03:00	0:01:07	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:33	≤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



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