

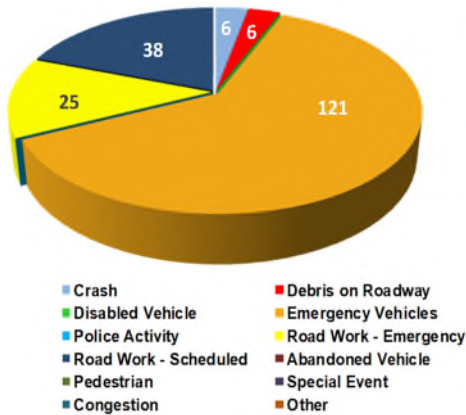
TSM&O Summary Report – March 2020

Milestones:

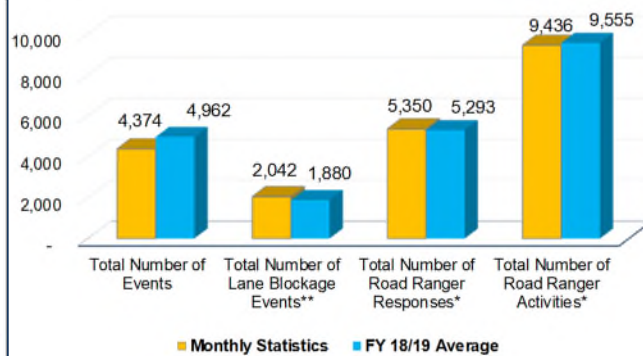
- Conducted Operations Task Manager demonstration for Puerto Rico Highway and Transportation Authority
- Integrated three City of Key West traffic signals into the Monroe County Traffic Signal System in support of Cow Key Bridge construction project
- Supported coordination of COVID-19 testing site at Hard Rock Stadium
- Monitoring Monroe County COVID-19 checkpoint on US 1
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-75/SR 826 Express Lanes, I-95 Pavement Reconstruction, 95 Express Lane Marker Maintenance, DMS Retrofit and Warning Gates, and US-1 Keys Construction (Multiple Projects)

TMC Operations

Secondary Events Managed by Event Type

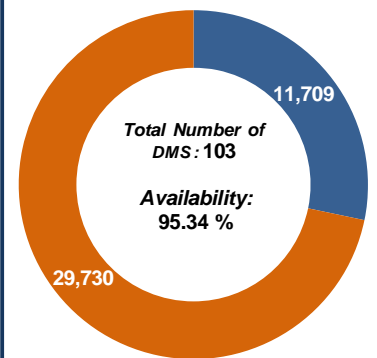


Event Summary Statistics



*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.

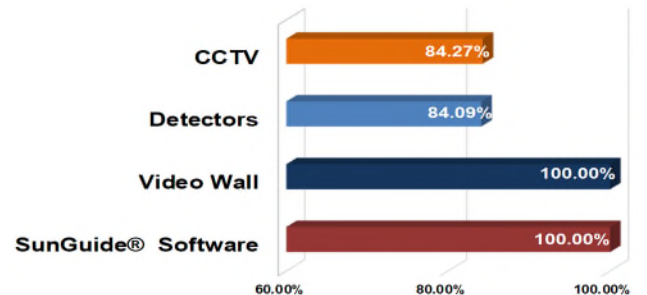
DMS Usage Summary



Systems Maintenance

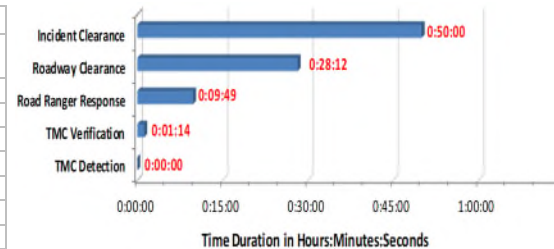
ITS System Availability (FDOT Non-Operational)

Subsystem	March 2020	Target
TMC Systems (critical)	99.97%	>99.90%
TMC Systems (non-critical)	98.74%	≥98.00%
www.sunguide.info	100.00%	≥98.00%



TMC Operations Performance

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	March 2020	Target	March 2020	Target
DMS Efficiency (Lane Blockage)	100.00%	≥95%	100.00%	100%
TMC Operator Error Rate (Lane Blockage)	0.14	≤0.20	0.06	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.03	≤0.20	0.04	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:30	≤0:02:00	0:00:22	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:13	≤0:02:00	0:01:14	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:31	≤0:03:00	0:00:55	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:47	≤0:07:00	0:01:27	≤0:04:00



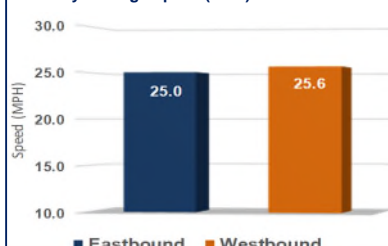
Active Arterial Management

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 MM4.4 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

