

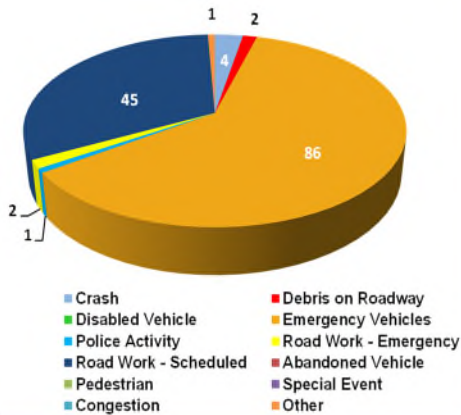
TSM&O Summary Report – April 2020

Milestones:

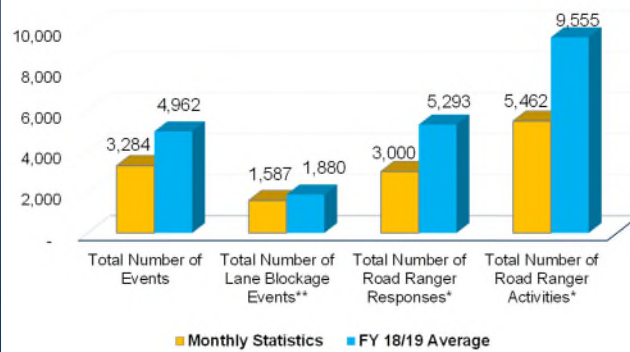
- Published 2018-2019 TSM&O Annual Report
- Integrated DocuSign for electronic signatures to support remote operations and teleworking
- Monitoring COVID-19 testing site at Hard Rock Stadium and food distribution sites throughout Miami-Dade County
- Monitoring Monroe County COVID-19 checkpoint on US 1
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-395/SR 836/I-95 Design-Build, I-75/SR 826 Express Lanes, I-95 Pavement Reconstruction, Golden Glades Multimodal Center, MacArthur Causeway Bridge Construction, 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



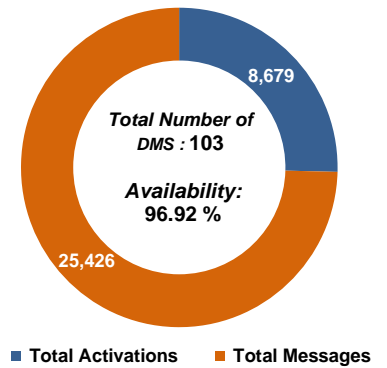
Event Summary Statistics



*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

DMS Usage Summary Chart



Systems Maintenance

ITS System Availability (FDOT Non-Operational)

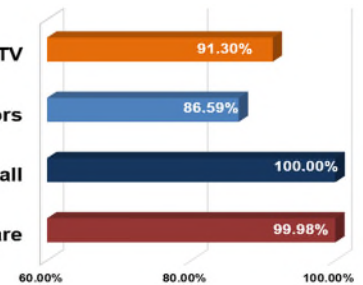
Subsystem	2020	Target
TMC Systems (critical)	99.99%	>99.90%
TMC Systems (non-critical)	99.72%	≥98.00%
www.sunguide.info	100.00%	≥98.00%

CCTV

Detectors

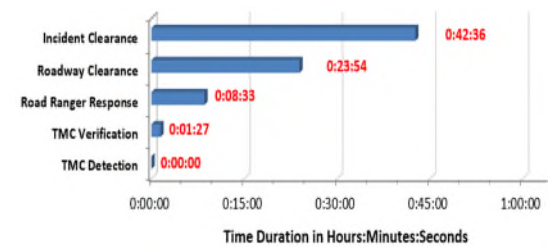
Video Wall

SunGuide® Software



TMC Operations Performance

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	March 2020	Target	March 2020	Target
DMS Efficiency (Lane Blockage)	99.90%	≥95%	100.00%	100%
TMC Operator Error Rate (Lane Blockage)	0.10	≤0.20	0.05	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.02	≤0.20	0.02	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:28	≤0:02:00	0:00:21	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:43	≤0:02:00	0:00:21	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:37	≤0:03:00	0:00:59	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:53	≤0:07:00	0:01:20	≤0:04:00



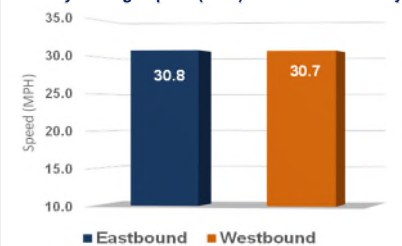
Active Arterial Management

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

