

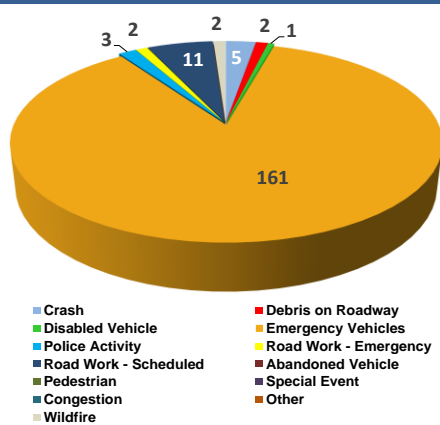
TSM&O Summary Report – June 2021

Milestones:

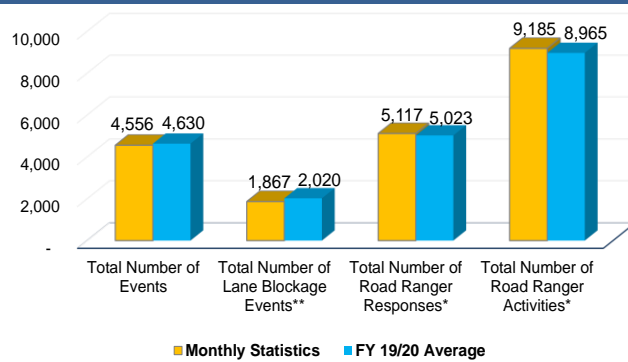
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-395/SR 836/I-95 Design-Build, Golden Glades Multimodal Center, Express Lane Tubular Marker Maintenance, ITS Device Replacement Projects, SR 5/Old Seven Mile Bridge from Knights Key to Pigeon Key, and US 1 Keys Construction (Multiple Projects)
- Implemented new quality control process for events
- Supported signal timing adjustments along SW 8 Street for high school graduations at the FIU campus
- Conducted Monroe County TIM team meeting
- Installed and tested new 2070 traffic signal controller for ramp signaling

TMC Operations

Secondary Events Managed by Event Type

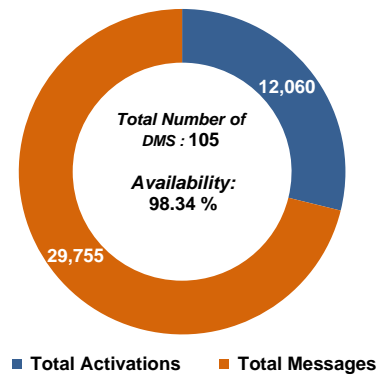


Event Summary Statistics



*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.

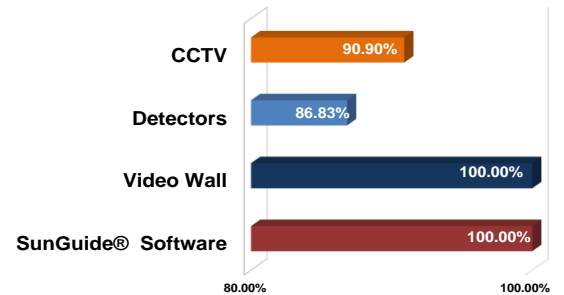
DMS Usage Summary



Systems Maintenance

ITS System Availability (FDOT Non-Operational)

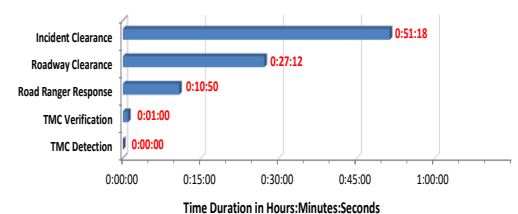
Subsystem	June 2021	Target
TMC Systems (critical)	99.99%	≥99.90%
TMC Systems (non-critical)	98.43%	≥98.00%
www.sunguide.info	100.00%	≥98.00%



TMC Operations Performance

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	June 2021	Target	June 2021	Target
DMS Efficiency (Lane Blockage)***	99.92%	≥95%	100%	100%
TMC Operator Error Rate (Lane Blockage)***	0.22	≤0.20	0.07	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.07	≤0.20	0.06	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:29	≤0:02:00	0:00:22	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:08	≤0:02:00	0:00:33	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:41	≤0:03:00	0:01:04	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:46	≤0:07:00	0:01:19	≤0:04:00

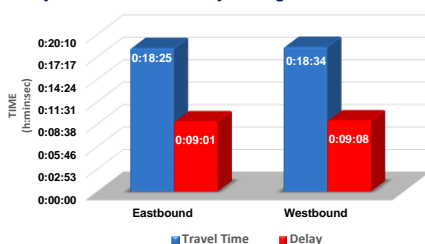
***As of June 1, 2021, values are computed from randomized sampling for lane blockage events.



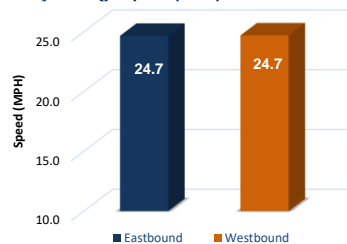
Active Arterial Management

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

