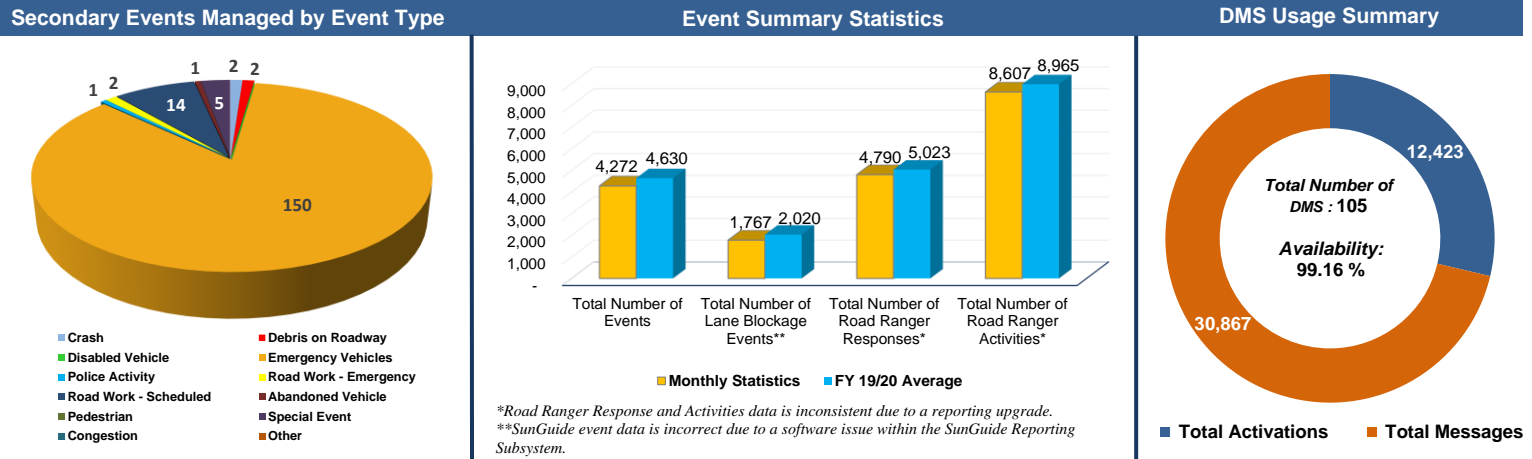


# TSM&O Summary Report – April 2021

## 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, 95 Express Lane 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)
- Special event coordination for 7 Mile Bridge Run in Monroe County
- Supported Miami-Dade College COVID-19 vaccination site with Road Ranger staging and traffic monitoring
- Participated in the semi-annual Miami-Dade/Broward TIM Team meeting
- Conducted annual test of traffic signals along SW 8 Street switching from adaptive operations to time-of-day operations

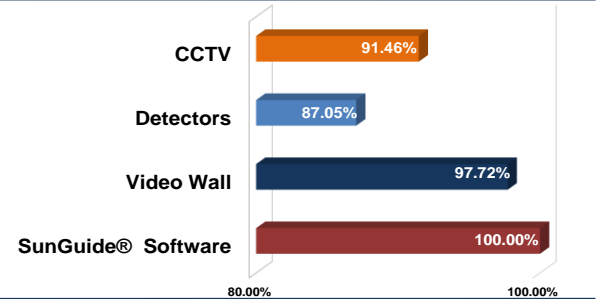
## TMC Operations



## Systems Maintenance

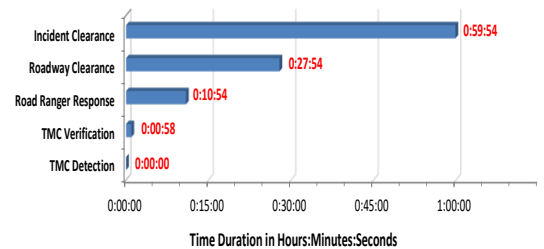
ITS System Availability (FDOT Non-Operational)

Subsystem	April 2021	Target
TMC Systems (critical)	99.97%	≥99.90%
TMC Systems (non-critical)	99.82%	≥98.00%
<a href="http://www.sunguide.info">www.sunguide.info</a>	100.00%	≥98.00%



## TMC Operations Performance

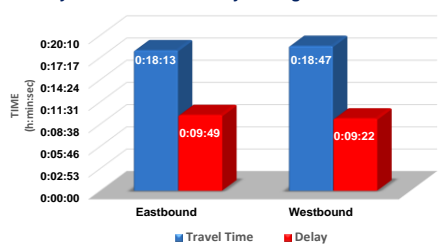
Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	April 2021	Target	April 2021	Target
DMS Efficiency (Lane Blockage)	99.93%	≥95%	100%	100%
TMC Operator Error Rate (Lane Blockage)	0.16	≤0.20	0.07	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.06	≤0.20	0.05	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:32	≤0:02:00	0:00:27	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:06	≤0:02:00	0:00:26	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:47	≤0:03:00	0:01:06	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:49	≤0:07:00	0:01:23	≤0:04:00



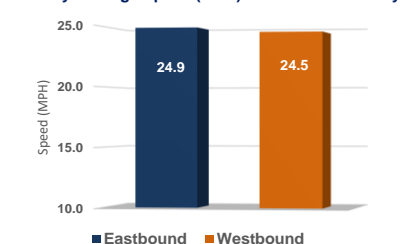
## Active Arterial Management

**Miami-Dade County SW 8<sup>th</sup> Street ASCT Pilot Project from SW 142<sup>nd</sup> Avenue to SW 67<sup>th</sup> 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

