

# TSM&O Summary Report – December 2021

## Milestones

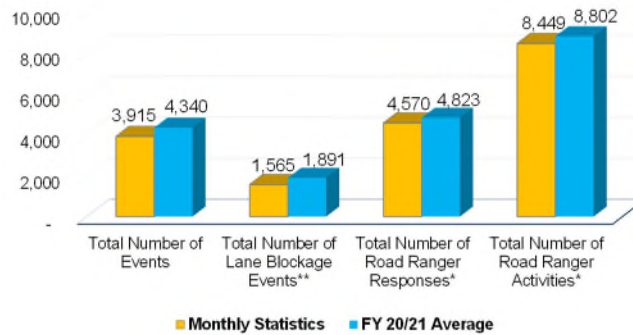
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-395/SR 836/I-95 Design-Build, Golden Glades Multimodal Center, SR 5/US 1 Keys COAST CV Pilot Project, Express Lane Tubular Marker Maintenance, ITS Device Replacement Projects, SR 5/Old Seven Mile Bridge from Knights Key to Pigeon Key, and US 1 Keys Construction (Multiple Projects)
- Special event coordination for Miami Dolphins and Capital One Orange Bowl football games at Hard Rock Stadium
- Conducted annual Florida Highway Patrol Hireback training
- Conducted National TIM Responder Safety training

## TMC Operations

### Secondary Events Managed by Event Type

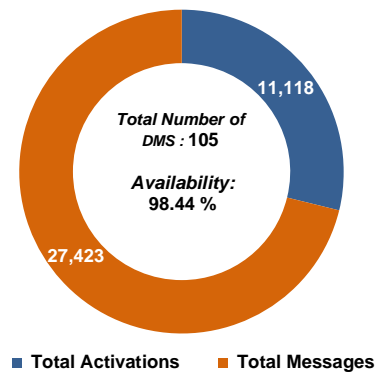


### Event Summary Statistics



\*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.

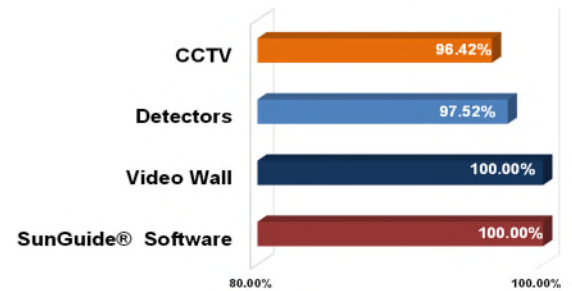
### DMS Usage Summary



## Systems Maintenance

ITS System Availability (FDOT Non-Operational)

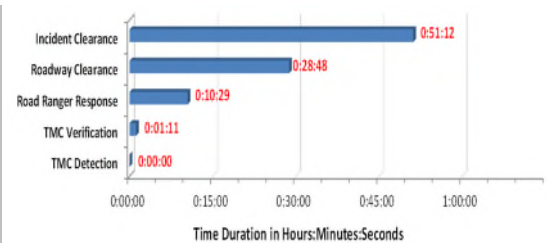
Subsystem	December 2021	Target
TMC Systems (critical)	99.99%	≥99.90%
TMC Systems (non-critical)	98.63%	≥98.00%
<a href="http://www.sunguide.info">www.sunguide.info</a>	100.00%	≥98.00%



## TMC Operations Performance

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	December 2021	Target	December 2021	Target
DMS Efficiency (Lane Blockage)***	100%	≥95%	100%	100%
TMC Operator Error Rate (Lane Blockage)***	0.15	≤0.20	0.08	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.06	≤0.20	0.08	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:34	≤0:02:00	0:00:21	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:20	≤0:02:00	0:00:40	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:35	≤0:03:00	0:01:12	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:50	≤0:07:00	0:01:20	≤0:04:00

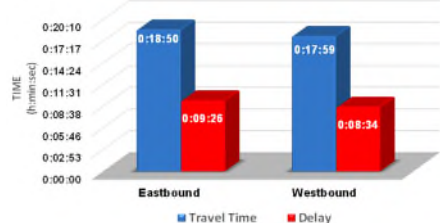
\*\*\*As of June 1, 2021, values are computed from randomized sampling for lane blockage events.



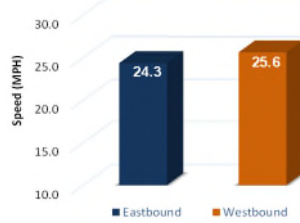
## Active Arterial Management

**Miami-Dade County SW 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

