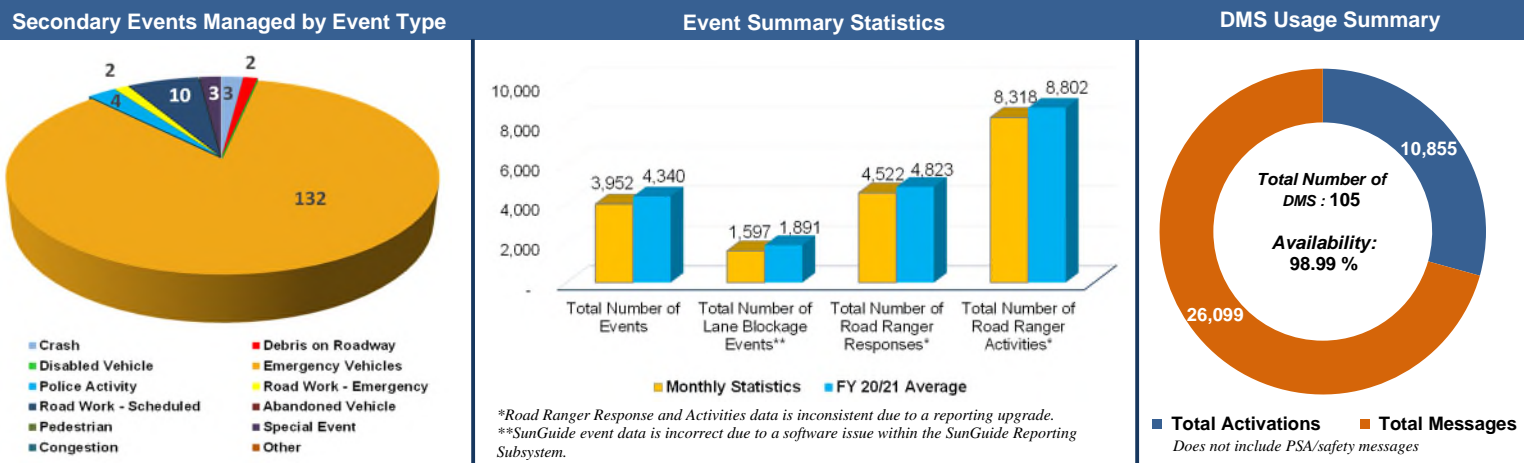


TSM&O Summary Report – January 2022

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 football games at Hard Rock Stadium
- Special event coordination for CLASH Miami Triathlon at Homestead-Miami Speedway
- Successfully replaced 170 controllers with 2070 controllers at four ramp signal locations along I-95 and SR 826

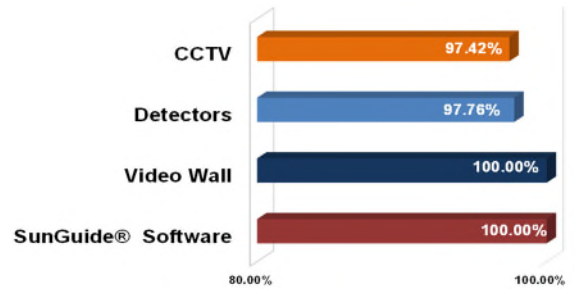
TMC Operations



Systems Maintenance

ITS System Availability (FDOT Non-Operational)

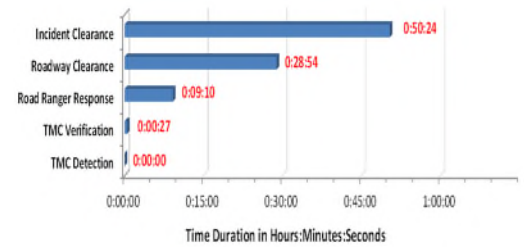
Subsystem	January 2022	Target
TMC Systems (critical)	99.98%	≥99.90%
TMC Systems (non-critical)	98.91%	≥98.00%
www.sunguide.info	99.60%	≥98.00%



TMC Operations Performance

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	January 2022	Target	January 2022	Target
DMS Efficiency (Lane Blockage)***	100%	≥95%	100%	100%
TMC Operator Error Rate (Lane Blockage)***	0.14	≤0.20	0.07	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.08	≤0.20	0.09	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:25	≤0:02:00	0:00:24	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:00:31	≤0:02:00	0:00:12	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:32	≤0:03:00	0:01:05	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:46	≤0:07:00	0:01:20	≤0:04:00

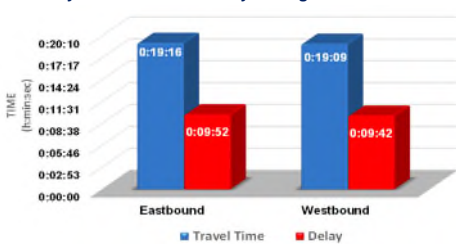
***As of June 1, 2021, values are computed from randomized sampling for lane blockage events.



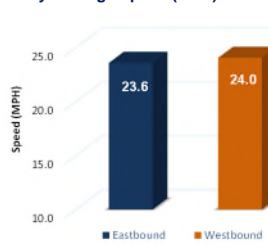
Active Arterial Management

Miami-Dade County SW 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

