

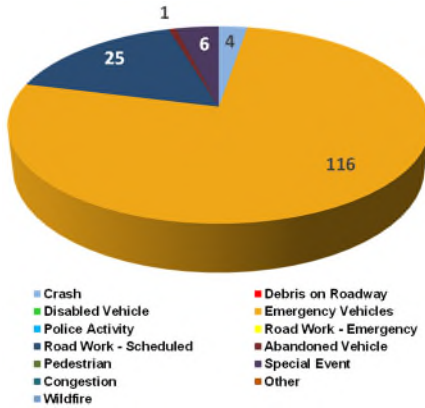
# TSM&O Summary Report – July 2024

## Highlights

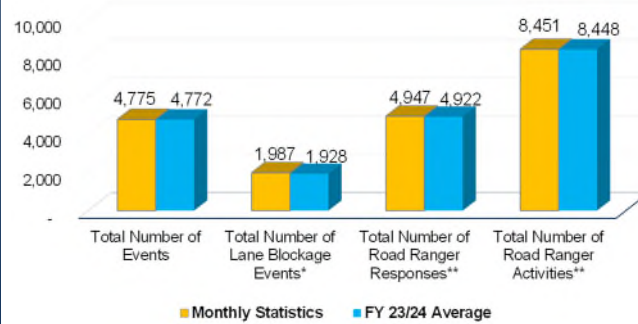
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-395/SR 836/I-95 Design-Build, Golden Glades Interchange Enhancement Project, SR 826/Palmetto Expressway Managed Lanes Modification, Wrong Way Driving Detection System (Multiple Locations), Express Lane Tubular Marker Maintenance, ITS Device Replacement Projects, US 27/SR 25/Okeechobee Road Projects, Julia Tuttle Causeway at Alton Road, and US 1 Keys Construction (Multiple Projects)
- Provided onsite traffic management support for Copa America final match
- Hosted "Florida Summer Tours" for Florida State Representatives and FDOT Central Office staff
- Provided traffic signal timing support along US 1 during the Key Largo 4th of July Parade

## TMC Operations

### Secondary Events Managed by Event Type



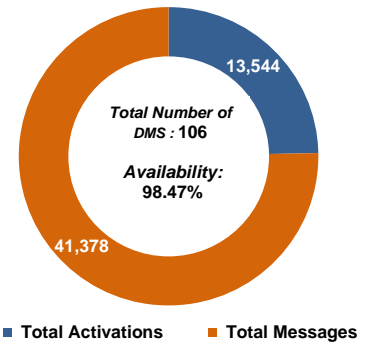
### Event Summary Statistics



\*SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

\*\*Road Ranger Response and Activities data are inconsistent due to a reporting upgrade.

### DMS Usage Summary

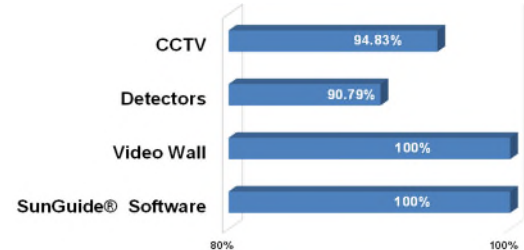


Does not include PSA/safety messages.

## Systems Maintenance

ITS System Availability (FDOT Non-Operational)

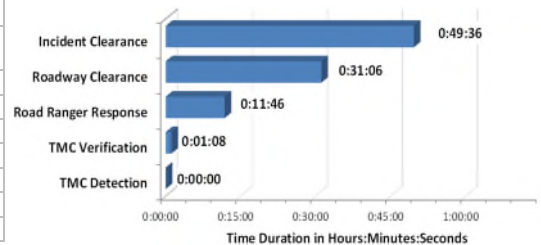
Subsystem	July 2024	Target
TMC Systems (critical)	99.98%	≥99.90%
TMC Systems (non-critical)	98.27%	≥98.00%
<a href="http://www.sunguide.info">www.sunguide.info</a>	94.81%	≥98.00%



## TMC Operations Performance

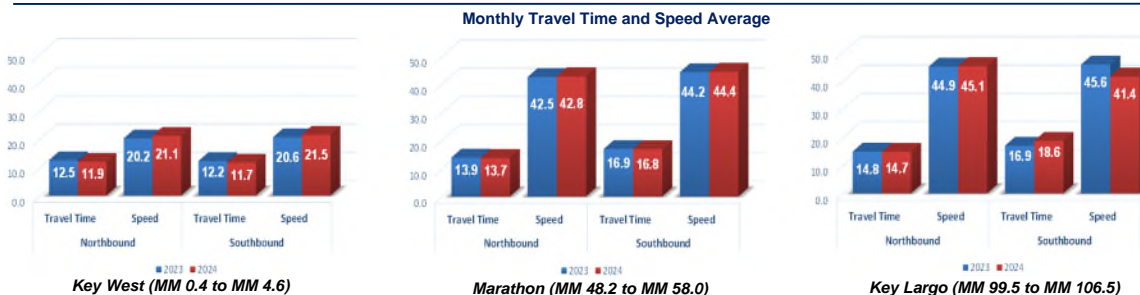
Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	July 2024	Target	July 2024	Target
DMS Efficiency (Lane Blockage)***	99.95%	≥95%	100%	100%
TMC Operator Error Rate (Lane Blockage)***	0.16	≤0.20	0.03	≤0.10
TMC Operator Error Rate (Non-Lane Blockage)	0.08	≤0.20	0.08	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:30	≤0:02:00	0:00:27	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:20	≤0:02:00	0:00:26	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:18	≤0:03:00	0:01:09	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:39	≤0:07:00	0:01:24	≤0:04:00

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



## Active Arterial Management

Monroe County Traffic Signal System (MCTSS) from MM 0.0 to MM 106.5 Monday – Friday from 7:00 am - 7:00 pm



### Traffic Signals Systems Availability



Travel Time is measured in minutes and speed in miles per hour.