

ITS Operations Summary Report – January 2018

Milestones:

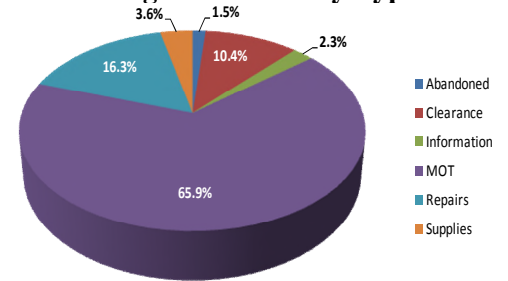
- Co-hosted Aggressive Driving & Move Over press conference with FHP and FDOT.
- Collaborated on pre-defined messaging plan for 75 Express closures in Broward County
- Special event coordination for Miami Marathon, 2018 Annual Blessing of the Fleet, Key West Half Marathon & 5K, Islamorada Half Marathon & 10K.
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-75/SR 826 Express Lanes, I-95 Pavement Reconstruction, All Aboard Florida rail grade crossings, Miami Gardens Ramp Improvement, and US-1 Keys Construction (Multiple Projects).

Event Summary:

Statistics	January 2018	FY 16/17 Avg.
Total Number of Events	4,186	4,464
Total Number of Lane Blockage Events***	1,859	1,839
Average Lane Blockage Duration*	0:24:36	0:25:12
Total Number of Road Ranger Responses**	4,293	4,650
Total Number of Road Ranger Activities**	7,873	8,664

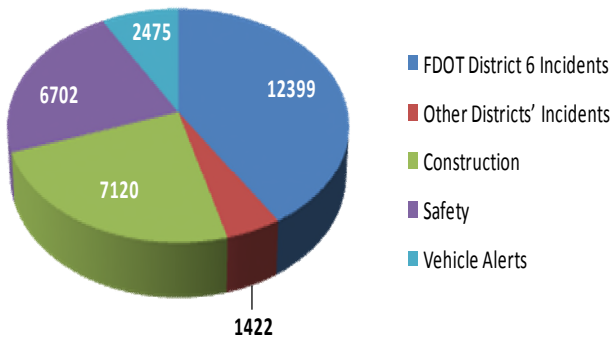
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.
 **Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.
 ***SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

Road Ranger Activities by Type



DMS Message by Type

(Total DMS Messages = 30,118)

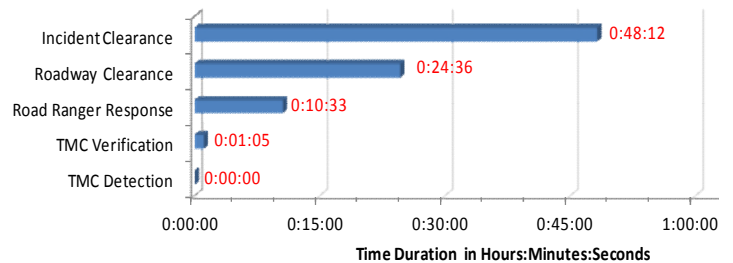


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,094	6,468	99.66%
95 Express	6	1,043	3,407	98.82%
I-95 Arterial	8	993	2,712	85.06%
Golden Glades	5	858	2,584	71.74%
SR 826	12	1,341	4,048	88.86%
I-75	3	2	10	0.56%
I-195	2	195	676	98.21%
I-195 Arterial	3	300	1,138	99.75%
SR 826 Arterial	18	1,778	5,551	90.69%
I-395	2	515	1,364	98.16%
US 1 Miami-Dade Co	5	401	2,160	99.80%
US 1 S/ of Florida City	11	-	-	N/A †
Total	86	9,520	30,118	88.28%

Maintenance and TMC Operations:

ITS Systems Availability (FDOT Non-Operational)

Subsystem	January 2018	Target
TMC Systems (critical)	99.98%	>99.90%
TMC Systems (non-critical)	98.56%	≥98.00%
www.sunguide.info	100.00%	≥98.00%
SunGuide SM Software	94.49%	N/A
Video Wall	97.83%	N/A
Detectors†	72.14%	N/A
CCTV†	91.09%	N/A
DMS†	88.28%	N/A



Note: Time Durations include FDOT D6 Managed Events only and excludes roadwork and special events. Road Ranger Response excludes Road Ranger detected events.

TMC Operations †Does not include devices currently under repair due to Hurricane Irma

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	January 2018	Target	January 2018	Target
DMS Efficiency (Lane Blockage)	99.91%	≥95%	100.00%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.15	≤0.20	0.06	≤0.10
TMC Operator Error Rate (Non-lane Blockage)	0.10	≤0.20	0.10	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:30	≤0:02:00	0:00:19	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:24	≤0:02:00	0:00:04	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:36	≤0:03:00	0:00:48	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:33	≤0:07:00	0:01:09	≤0:04:00