

ITS Operations Summary Report – December 2018

Milestones:

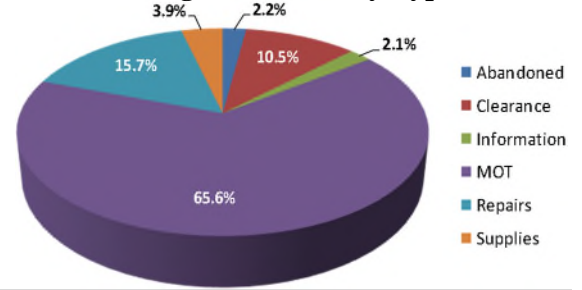
- Completed three Incident Management videos for sunguide.info and FDOT social media.
- Provided on-site support at Hard Rock Stadium Command Center (Orange Bowl).
- Special Event coordination for Art Basel/Art Miami, Florida International University commencement, Annual Blessing of the Fleet (Monroe County)
- 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, 95 Express Lane Marker Maintenance, Golden Glades Multimodal Center, and US-1 Keys Construction (Multiple Projects).

Event Summary:

Statistics	December 2018	FY 17/18 Avg.
Total Number of Events	4,835	4,628
Total Number of Lane Blockage Events***	1,729	1,854
Average Lane Blockage Duration*	0:25:06	0:26:31
Total Number of Road Ranger Responses**	5,413	4,691
Total Number of Road Ranger Activities**	9,667	8,615

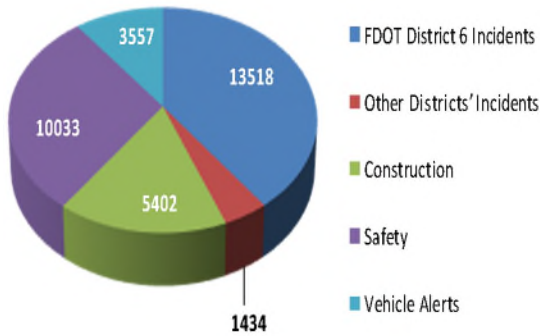
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.
 **Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.
 ***SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

Road Ranger Activities by Type



DMS Message by Type

(Total DMS Messages = 33,944)

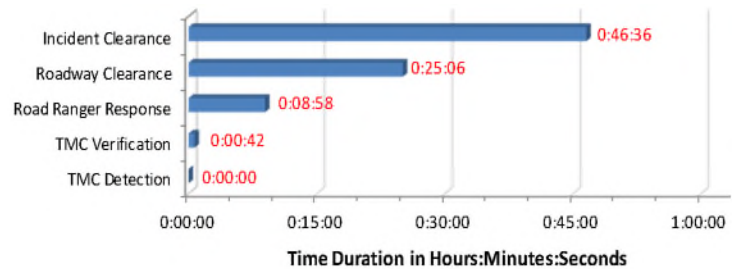


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,062	6,537	99.66%
95 Express	6	932	2,875	99.56%
I-95 Arterial	8	1,234	4,006	85.09%
Golden Glades	5	1,032	3,329	99.61%
SR 826	12	1,330	4,260	97.02%
I-75	4	271	953	99.40%
I-195	2	226	837	99.05%
I-195 Arterial	3	229	1,339	97.36%
SR 826 Arterial	18	1,954	5,954	99.06%
I-395	2	478	1,430	99.64%
US 1 Miami-Dade Co	5	365	1,406	99.99%
US 1 S/ of Florida City	11	163	1,018	64.44% †
Total	87	10,276	33,944	94.26%

Maintenance and TMC Operations:

ITS Systems Availability (FDOT Non-Operational)

Subsystem	December 2018	Target
TMC Systems (critical)	99.99%	>99.90%
TMC Systems (non-critical)	99.90%	≥98.00%
www.sunguide.info	100.00%	≥98.00%
SunGuide® Software	94.68%	N/A
Video Wall	99.99%	N/A
Detectors	91.47%	N/A
CCTV†	81.89%	N/A
DMS†	94.26%	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	
	December 2018	Target	December 2018	Target
DMS Efficiency (Lane Blockage)	99.65%	≥95%	100.00%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.23	≤0.20	0.06	≤0.10
TMC Operator Error Rate (Non-lane Blockage)	0.14	≤0.20	0.06	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:30	≤0:02:00	0:00:21	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:00:56	≤0:02:00	0:00:00	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:37	≤0:03:00	0:00:55	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:36	≤0:07:00	0:01:19	≤0:04:00