

ITS Operations Summary Report – January 2017

Milestones:

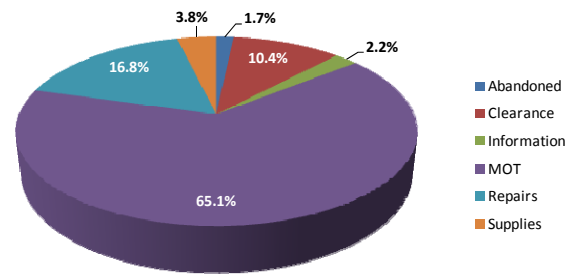
- Prepared, coordinated, and participated in presentations and demonstrations for the Statewide Express Lanes Software (SELS) Change Management Team meeting
- Coordinated Road Ranger participation in ‘Move Over’ Campaign
- Supported special events: Miami Marathon and Pegasus World Cup Invitational
- 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 Project and US-1 Keys Construction (Multiple Projects).

Event Summary:

Statistics	January 2017	FY 15/16 Avg.
Total Number of Events	4,188	4,701
Total Number of Lane Blockage Events***	1,693	1,906
Average Lane Blockage Duration*	0:22:54	0:28:02
Total Number of Road Ranger Responses**	4,408	4,782
Total Number of Road Ranger Activities**	8,377	8,720

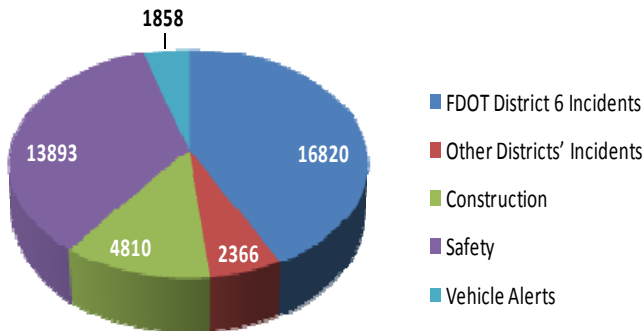
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.
 **Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.
 ***SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

Road Ranger Activities by Type



DMS Message by Type

(Total DMS Messages = 39,747)

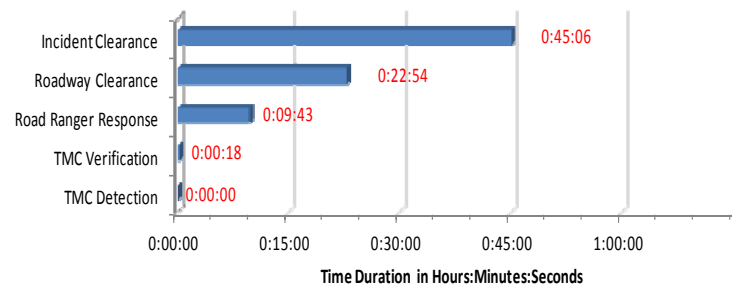


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,033	7,707	99.75%
95 Express	6	945	3,515	99.92%
I-95 Arterial	8	972	3,584	99.51%
Golden Glades	5	1,104	4,140	99.67%
SR 826	12	1,377	5,152	98.64%
I-75	3	407	1,820	99.44%
I-195	2	166	805	100.00%
I-195 Arterial	3	231	1,034	99.48%
SR 826 Arterial	18	1,877	6,432	99.92%
I-395	2	484	1,505	97.12%
US 1 Miami-Dade Co	5	418	1,616	99.95%
US 1 S/ of Florida City	11	444	2,437	93.61%
Total	86	10,458	39,747	98.46%

Maintenance and TMC Operations:

ITS Systems Availability (FDOT Non-Operational)

Subsystem	January 2017	Target
TMC Systems (critical)	99.99%	>99.90%
TMC Systems (non-critical)	99.14%	≥98.00%
www.sunguide.info	100.00%	≥98.00%
SunGuide SM Software	99.13%	N/A
Video Wall	97.82%	N/A
Detectors	87.83%	N/A
CCTV	92.53%	N/A
DMS	98.46%	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

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	January 2017	Target	January 2017	Target
DMS Efficiency (Lane Blockage)	99.91%	≥95%	100.00%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.34%	≤0.59%	0.16%	≤0.29%
TMC Operator Error Rate (Non-lane Blockage)	0.34%	≤0.59%	0.24%	≤0.29%
Road Ranger Dispatching Average (Lane Blockage)	0:00:28	≤0:02:00	0:00:19	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:00:23	≤0:02:00	0:00:01	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:41	≤0:03:00	0:00:58	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:58	≤0:07:00	0:01:29	≤0:04:00