

ITS Operations Summary Report – March 2017

Milestones:

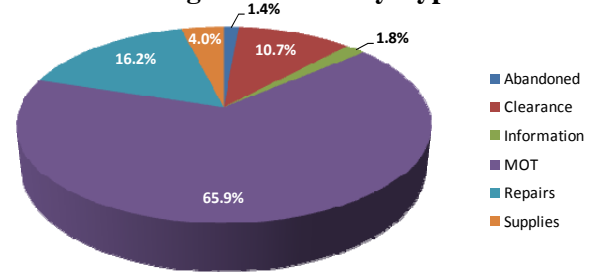
- Coordinated express lane enforcement with the Florida Highway Patrol (FHP)
- Published District Six TSM&O Annual Report for FY 2015-2016
- Supported special events: Miami Open Tennis Tournament, Ultra Music Festival, Miami Critical Mass Bike Ride
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-75/SR 826 Express Lanes Project, I-95 Pavement Rehabilitation Project from NW 29 ST to NW 131 ST, and US-1 Keys Construction (Multiple Projects).

Event Summary:

Statistics	March 2017	FY 15/16 Avg.
Total Number of Events	4,817	4,701
Total Number of Lane Blockage Events***	1,989	1,906
Average Lane Blockage Duration*	0:25:06	0:28:02
Total Number of Road Ranger Responses**	4,857	4,782
Total Number of Road Ranger Activities**	9,086	8,720

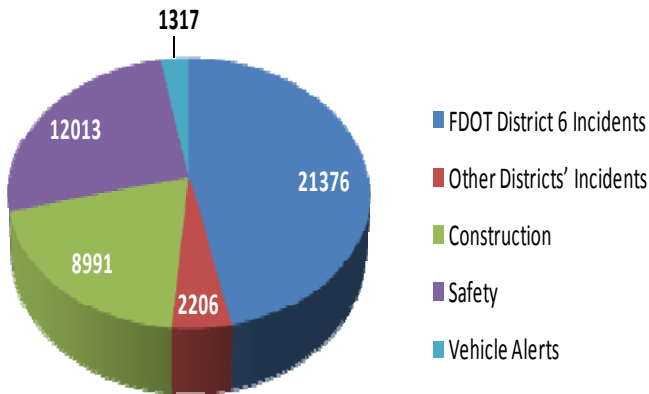
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.
 **Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.
 ***SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

Road Ranger Activities by Type



DMS Message by Type

(Total DMS Messages = 45,903)

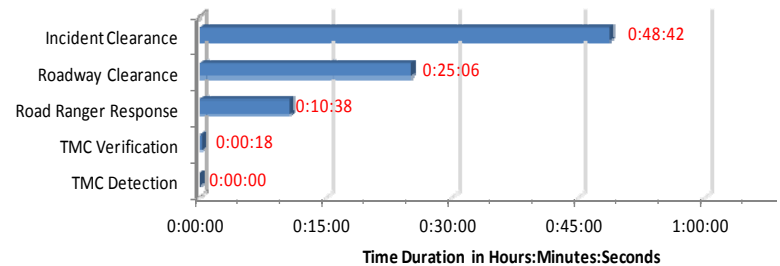


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,300	9,224	99.55%
95 Express	6	955	3,674	96.36%
I-95 Arterial	8	1,234	5,130	93.13%
Golden Glades	5	1,161	4,475	99.74%
SR 826	12	1,243	4,545	91.75%
I-75	3	359	1,737	99.27%
I-195	2	194	935	99.20%
I-195 Arterial	3	303	1,546	99.33%
SR 826 Arterial	18	1,925	8,023	96.12%
I-395	2	491	1,869	92.17%
US 1 Miami-Dade Co	5	418	1,937	99.89%
US 1 S/ of Florida City	11	457	2,808	99.07%
Total	86	11,040	45,903	96.92%

Maintenance and TMC Operations:

ITS Systems Availability (FDOT Non-Operational)

Subsystem	March 2017	Target
TMC Systems (critical)	99.98%	>99.90%
TMC Systems (non-critical)	98.83%	≥98.00%
www.sunguide.info	99.52%	≥98.00%
SunGuide SM Software	99.92%	N/A
Video Wall	98.00%	N/A
Detectors	93.00%	N/A
CCTV	94.73%	N/A
DMS	96.92%	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	
	March 2017	Target	March 2017	Target
DMS Efficiency (Lane Blockage)	100.00%	≥95%	100.00%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.33%	≤0.59%	0.21%	≤0.29%
TMC Operator Error Rate (Non-lane Blockage)	0.28%	≤0.59%	0.28%	≤0.29%
Road Ranger Dispatching Average (Lane Blockage)	0:00:38	≤0:02:00	0:00:17	≤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)	0:01:39	≤0:03:00	0:01:06	≤0:01:30
Agency Notification Average (Lane Blockage)	0:02:02	≤0:07:00	0:01:46	≤0:04:00