

ITS Operations Summary Report – February 2017

Milestones:

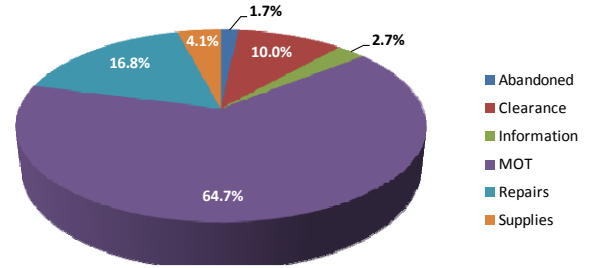
- Coordinated and Attended Incident Management Refresher Training
- Attended Port Miami Tunnel Fire & Life Safety Committee Meeting
- Coordinated with District 4 TIM for US27/I-75 Smoke and Fog Task Force
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-75/SR 826 Express Lanes Project and US-1 Keys Construction (Multiple Projects).

Event Summary:

Statistics	February 2017	FY 15/16 Avg.
Total Number of Events	4,095	4,701
Total Number of Lane Blockage Events***	1,625	1,906
Average Lane Blockage Duration*	0:23:30	0:28:02
Total Number of Road Ranger Responses**	4,204	4,782
Total Number of Road Ranger Activities**	7,852	8,720

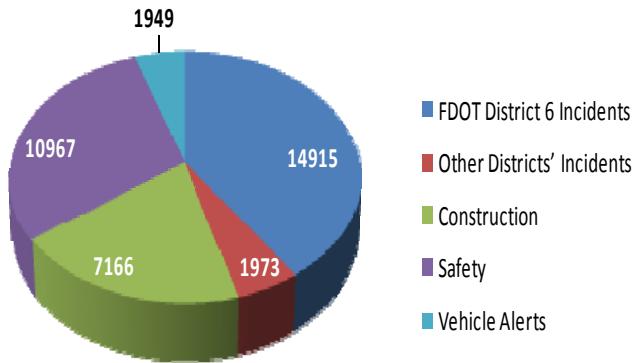
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.
 **Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.
 ***SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

Road Ranger Activities by Type



DMS Message by Type

(Total DMS Messages = 36,970)

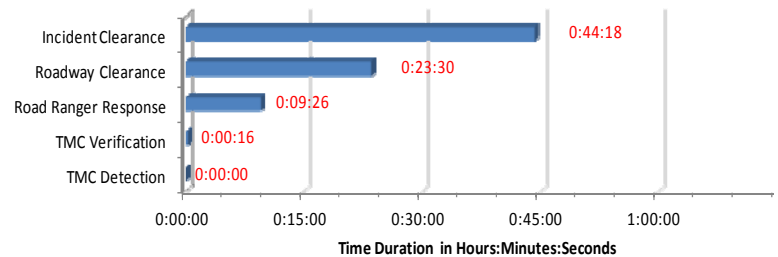


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	1,674	6,172	99.66%
95 Express	6	816	3,044	99.94%
I-95 Arterial	8	904	3,247	84.27%
Golden Glades	5	985	3,584	98.13%
SR 826	12	1,262	4,576	98.88%
I-75	3	378	1,611	99.61%
I-195	2	141	591	99.80%
I-195 Arterial	3	237	1,018	99.50%
SR 826 Arterial	18	2,245	7,852	99.95%
I-395	2	449	1,446	96.80%
US 1 Miami-Dade Co	5	380	1,436	100.00%
US 1 S/ of Florida City	11	440	2,393	98.09%
Total	86	9,911	36,970	97.52%

Maintenance and TMC Operations:

ITS Systems Availability (FDOT Non-Operational)

Subsystem	February 2017	Target
TMC Systems (critical)	99.99%	>99.90%
TMC Systems (non-critical)	99.23%	≥98.00%
www.sunguide.info	100.00%	≥98.00%
SunGuide SM Software	99.95%	N/A
Video Wall	97.83%	N/A
Detectors	90.96%	N/A
CCTV	94.38%	N/A
DMS	97.52%	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	
	February 2017	Target	February 2017	Target
DMS Efficiency (Lane Blockage)	100.00%	≥95%	100.00%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.32%	≤0.59%	0.18%	≤0.29%
TMC Operator Error Rate (Non-lane Blockage)	0.29%	≤0.59%	0.18%	≤0.29%
Road Ranger Dispatching Average (Lane Blockage)	0:00:29	≤0:02:00	0:00:28	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:00:21	≤0:02:00	0:00:01	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:38	≤0:03:00	0:00:59	≤0:01:30
Agency Notification Average (Lane Blockage)	0:02:06	≤0:07:00	0:01:15	≤0:04:00