

ITS Operations Summary Report – December 2016

Milestones:

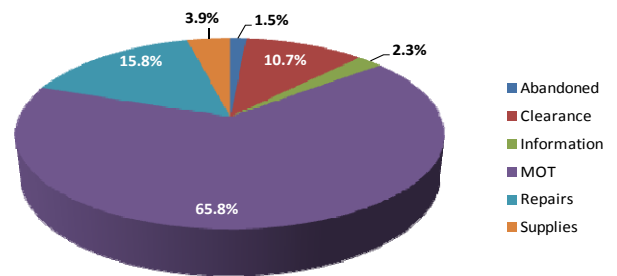
- Hosted regional customer service workshop for 95 Express Phase 2
- Provided on-site support for the NCAA Orange Bowl at the Hard Rock Stadium
- Deployment of first virtualized network server
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: 95 Express Phase 2, US-1 Keys Construction (Multiple Projects), and I-75/SR 826 Express Lanes Project

Event Summary:

Statistics	December 2016	FY 15/16 Avg.
Total Number of Events	4,373	4,701
Total Number of Lane Blockage Events***	1,833	1,906
Average Lane Blockage Duration*	0:26:24	0:28:02
Total Number of Road Ranger Responses**	4,615	4,782
Total Number of Road Ranger Activities**	8,583	8,720

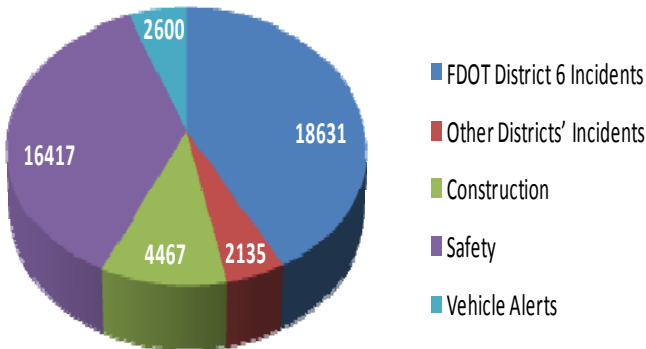
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.
 **Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.
 ***SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

Road Ranger Activities by Type



DMS Message by Type

(Total DMS Messages = 44,250)

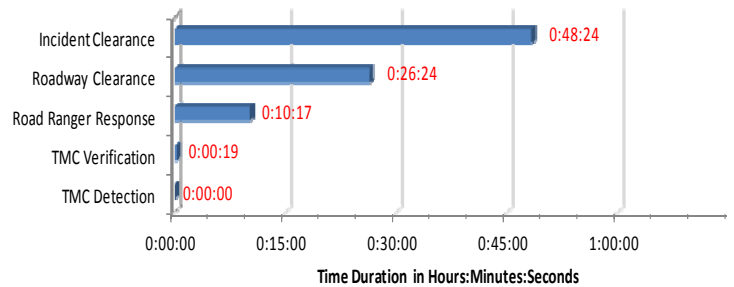


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	1,991	7,924	97.72%
95 Express	6	949	3,763	99.74%
I-95 Arterial	8	999	3,745	96.25%
Golden Glades	5	1,026	4,064	99.58%
SR 826	12	1,371	6,000	98.58%
I-75	3	393	2,094	99.28%
I-195	2	134	711	97.74%
I-195 Arterial	3	188	1,003	99.46%
SR 826 Arterial	18	1,877	8,173	98.07%
I-395	2	483	1,544	97.74%
US 1 Miami-Dade Co	5	407	2,048	99.84%
US 1 S/ of Florida City	11	355	3,181	99.16%
Total	86	10,173	44,250	98.63%

Maintenance and TMC Operations:

ITS Systems Availability (FDOT Non-Operational)

Subsystem	December 2016	Target
TMC Systems (critical)	99.99%	>99.90%
TMC Systems (non-critical)	99.39%	≥98.00%
www.sunguide.info	100.00%	≥98.00%
SunGuide SM Software	94.58%	N/A
Video Wall	99.79%	N/A
Detectors	88.31%	N/A
CCTV	91.97%	N/A
DMS	98.63%	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	
	December 2016	Target	December 2016	Target
DMS Efficiency (Lane Blockage)	99.83%	≥95%	100.00%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.34%	≤0.59%	0.12%	≤0.29%
TMC Operator Error Rate (Non-lane Blockage)	0.29%	≤0.59%	0.16%	≤0.29%
Road Ranger Dispatching Average (Lane Blockage)	0:00:30	≤0:02:00	0:00:22	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:00:25	≤0:02:00	0:00:01	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:52	≤0:03:00	0:01:06	≤0:01:30
Agency Notification Average (Lane Blockage)	0:02:11	≤0:07:00	0:01:29	≤0:04:00