

ITS Operations Summary Report – October 2016

Milestones:

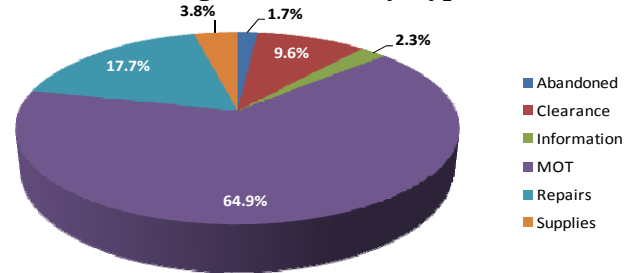
- Commencement of tolling of 95 Express Phase 2 expansion (segments 2 and 3)
- TMC Operations coordination and EOC support for Hurricane Matthew
- Supported US Secret Service for multiple high level protected visits
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: 95 Express Phase 2, SR 826/SR 836 Interchange Reconstruction, US-1 Keys Construction (Multiple Projects), I-75/SR 826 Express Lanes Project, and NW 25th Street Viaduct Project

Event Summary:

Statistics	October 2016	FY 15/16 Avg.
Total Number of Events	4,398	4,701
Total Number of Lane Blockage Events***	1,796	1,906
Average Lane Blockage Duration*	0:24:06	0:28:02
Total Number of Road Ranger Responses**	4,527	4,782
Total Number of Road Ranger Activities**	8,374	8,720

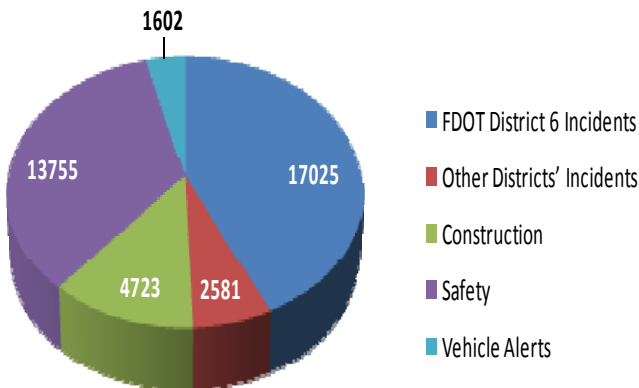
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.
 **Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.
 ***SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

Road Ranger Activities by Type



DMS Message by Type

(Total DMS Messages = 39,686)

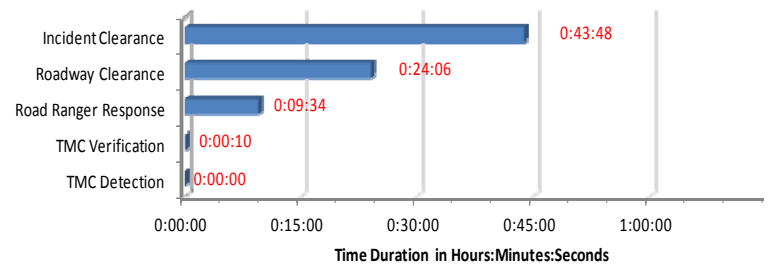


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,253	7,995	99.98%
95 Express	6	1,013	3,741	98.64%
I-95 Arterial	8	936	3,182	74.24%
Golden Glades	5	1,102	4,011	96.19%
SR 826	12	1,402	5,515	99.44%
I-75	3	367	1,743	99.89%
I-195	2	165	652	97.77%
I-195 Arterial	3	267	970	95.76%
SR 826 Arterial	18	1,565	6,240	79.77%
I-395	2	526	1,467	98.77%
US 1 Miami-Dade Co	5	419	1,737	99.84%
US 1 S/ of Florida City	11	336	2,433	93.78%
Total	86	10,351	39,686	93.92%

Maintenance and TMC Operations:

ITS Systems Availability (FDOT Non-Operational)

Subsystem	October 2016	Target
TMC Systems (critical)	99.99%	>99.90%
TMC Systems (non-critical)	98.86%	≥98.00%
www.sunguide.info	99.50%	≥98.00%
SunGuide SM Software	94.70%	N/A
Video Wall	99.97%	N/A
Detectors	83.48%	N/A
CCTV	91.43%	N/A
DMS	93.92%	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	
	October 2016	Target	October 2016	Target
DMS Efficiency (Lane Blockage)	99.91%	≥95%	100%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.38%	≤0.59%	0.14%	≤0.29%
TMC Operator Error Rate (Non-lane Blockage)	0.20%	≤0.59%	0.23%	≤0.29%
Road Ranger Dispatching Average (Lane Blockage)	0:00:30	≤0:02:00	0:00:18	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:00:14	≤0:02:00	0:00:01	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:49	≤0:03:00	0:00:52	≤0:01:30
Agency Notification Average (Lane Blockage)	0:02:14	≤0:07:00	0:01:34	≤0:04:00