

ITS Operations Summary Report – September 2016

Milestones:

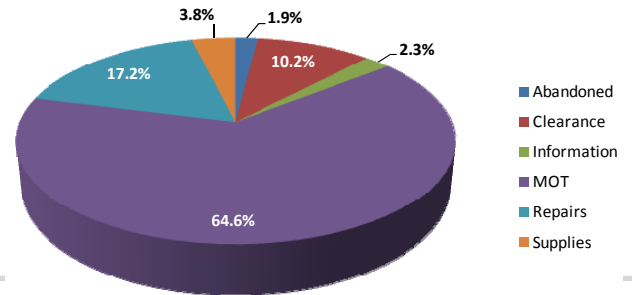
- Hosted 95 Express customer service workshop with South Florida Commuter Services
- Began integration of new color toll amount DMS for the 95 Express DMS replacement project
- Installed new internet circuit at the Network Access Point (NAP) of the Americas
- Coordinated with Project Managers and CEI 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	September 2016	FY 15/16 Avg.
Total Number of Events	4,502	4,701
Total Number of Lane Blockage Events***	1,870	1,906
Average Lane Blockage Duration*	0:25:48	0:28:02
Total Number of Road Ranger Responses**	4,543	4,782
Total Number of Road Ranger Activities**	8,511	8,720

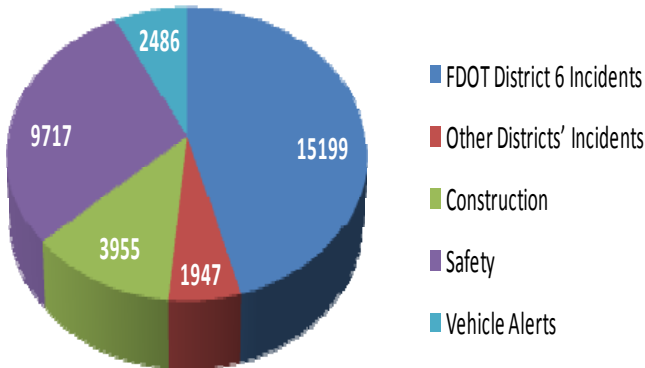
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.
 **Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.
 ***SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

Road Ranger Activities by Type



DMS Message by Type

(Total DMS Messages = 33,304)

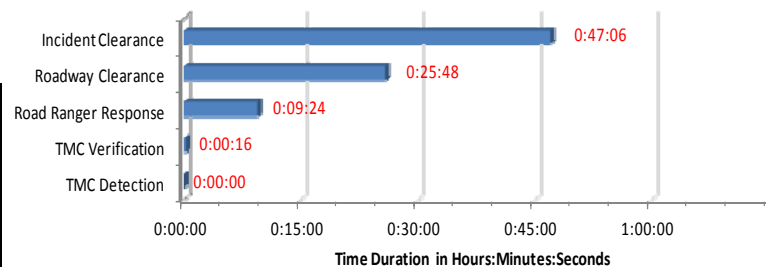


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,320	6,962	98.92%
95 Express	6	798	2,380	96.54%
I-95 Arterial	8	673	2,096	99.07%
Golden Glades	5	782	2,503	99.90%
SR 826	12	1,348	4,875	97.05%
I-75	3	331	1,499	99.92%
I-195	2	181	690	99.65%
I-195 Arterial	3	172	523	65.27%
SR 826 Arterial	18	1,455	5,561	99.99%
I-395	2	637	1,848	97.13%
US 1 Miami-Dade Co	5	475	1,734	99.99%
US 1 S/ of Florida City	11	389	2,633	94.91%
Total	86	9,561	33,304	96.34%

Maintenance and TMC Operations:

ITS Systems Availability (FDOT Non-Operational)

Subsystem	September 2016	Target
TMC Systems (critical)	99.99%	>99.90%
TMC Systems (non-critical)	98.94%	≥98.00%
www.sunguide.info	100.00%	≥98.00%
SunGuide SM Software	96.82%	N/A
Video Wall	99.95%	N/A
Detectors	82.80%	N/A
CCTV	87.73%	N/A
DMS	96.34%	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	
	September 2016	Target	September 2016	Target
DMS Efficiency (Lane Blockage)	99.64%	≥95%	100%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.70%	≤0.59%	0.26%	≤0.29%
TMC Operator Error Rate (Non-lane Blockage)	0.20%	≤0.59%	0.12%	≤0.29%
Road Ranger Dispatching Average (Lane Blockage)	0:01:44	≤0:02:00	0:00:24	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:00:22	≤0:02:00	0:00:01	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:50	≤0:03:00	0:01:08	≤0:01:30
Agency Notification Average (Lane Blockage)	0:02:21	≤0:07:00	0:01:45	≤0:04:00