

ITS Operations Summary Report – July 2017

Milestones:

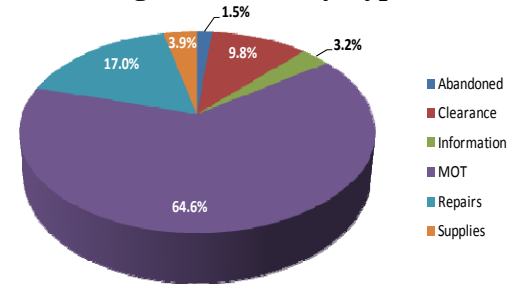
- Coordinated and hosted tour for Mike Dew, Secretary of the FDOT
- Attended Statewide Traffic Incident Management (TIM) Meeting in Orlando
- Supported special events: Major League Baseball Home-Run Derby and 88th All Star Game, El Clásico International Soccer, Lobster Mini Season in the Keys
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-75/SR 826 Express Lanes, I-95 Pavement Reconstruction, All Aboard Florida rail grade crossings, Miami Gardens Ramp Improvement, and US-1 Keys Construction (Multiple Projects).

Event Summary:

Statistics	July 2017	FY 16/17 Avg.
Total Number of Events	4,852	4,464
Total Number of Lane Blockage Events***	2,029	1,839
Average Lane Blockage Duration*	0:25:06	0:25:12
Total Number of Road Ranger Responses**	5,061	4,650
Total Number of Road Ranger Activities**	9,331	8,664

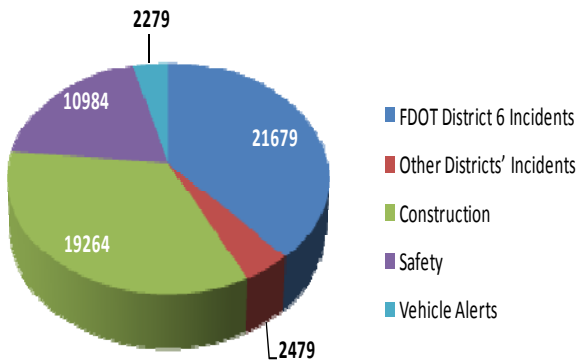
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.
 **Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.
 ***SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

Road Ranger Activities by Type



DMS Message by Type

(Total DMS Messages = 56,685)

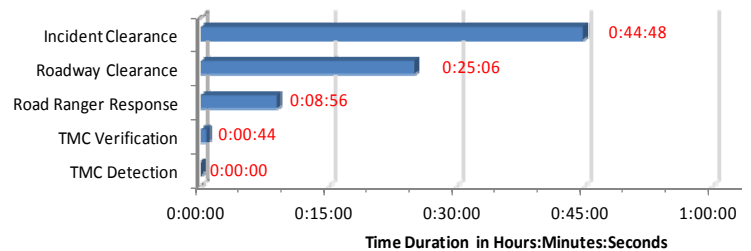


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,268	10,681	99.10%
95 Express	6	979	4,544	96.83%
I-95 Arterial	8	1,222	7,358	89.14%
Golden Glades	5	1,155	6,702	95.83%
SR 826	12	1,414	6,470	75.01%
I-75	3	336	1,600	73.18%
I-195	2	205	987	99.61%
I-195 Arterial	3	315	1,870	99.69%
SR 826 Arterial	18	2,431	9,358	86.47%
I-395	2	601	2,545	96.11%
US 1 Miami-Dade Co	5	515	2,028	99.98%
US 1 S/ of Florida City	11	548	2,542	95.96%
Total	86	11,989	56,685	91.11%

Maintenance and TMC Operations:

ITS Systems Availability (FDOT Non-Operational)

Subsystem	July 2017	Target
TMC Systems (critical)	99.97%	>99.90%
TMC Systems (non-critical)	98.34%	≥98.00%
www.sunguide.info	100.00%	≥98.00%
SunGuide SM Software	92.33%	N/A
Video Wall	99.97%	N/A
Detectors	88.21%	N/A
CCTV	94.43%	N/A
DMS	91.11%	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	
	July 2017	Target	July 2017	Target
DMS Efficiency (Lane Blockage)	100.00%	≥95%	100.00%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.51%	≤0.59%	0.25%	≤0.29%
TMC Operator Error Rate (Non-lane Blockage)	0.23%	≤0.59%	0.13%	≤0.29%
Road Ranger Dispatching Average (Lane Blockage)	0:00:36	≤0:02:00	0:00:16	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:00:52	≤0:02:00	0:00:08	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:45	≤0:03:00	0:00:57	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:40	≤0:07:00	0:01:11	≤0:04:00