

# ITS Operations Summary Report – August 2017

## Milestones:

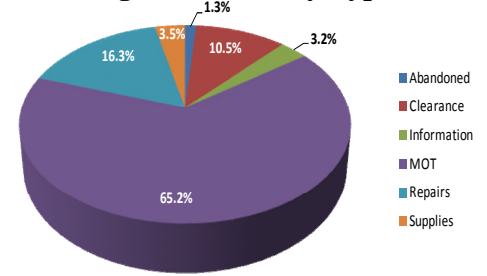
- Coordinated 95 Express safety media event for District Six Public Information and District Secretary
- Supported Port Miami Tunnel Fire and Life Safety Committee
- Supported special events: Miami Dolphins pre-season games and Coldplay concert at Hard Rock Stadium
- Coordinated with Project Managers 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	August 2017	FY 16/17 Avg.
Total Number of Events	4,949	4,464
Total Number of Lane Blockage Events***	2,128	1,839
Average Lane Blockage Duration*	0:26:06	0:25:12
Total Number of Road Ranger Responses**	5,014	4,650
Total Number of Road Ranger Activities**	9,338	8,664

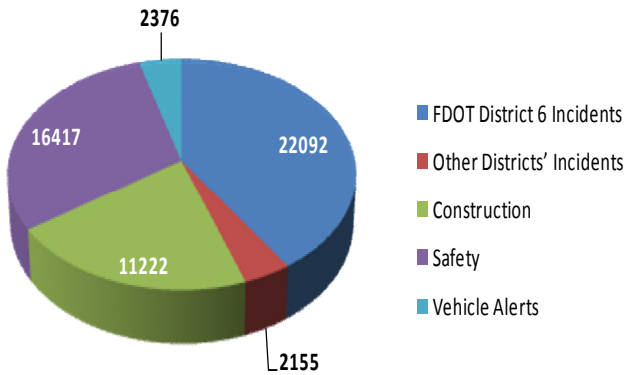
\*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.  
 \*\*Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.  
 \*\*\*SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

## Road Ranger Activities by Type



## DMS Message by Type

(Total DMS Messages = 54,262)

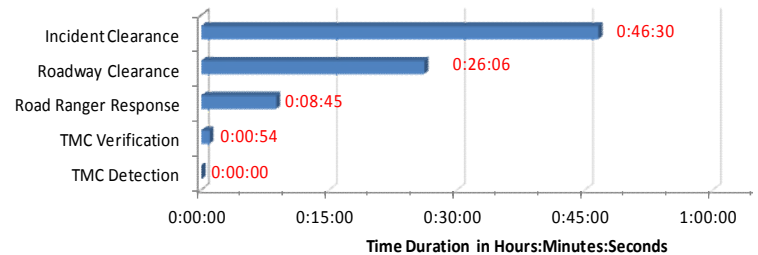


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,300	9,983	99.27%
95 Express	6	978	4,227	99.72%
I-95 Arterial	8	1,264	5,755	95.25%
Golden Glades	5	1,139	5,665	99.03%
SR 826	12	1,373	5,644	80.07%
I-75	3	391	1,890	99.83%
I-195	2	255	1,275	99.81%
I-195 Arterial	3	489	2,616	99.93%
SR 826 Arterial	18	2,314	8,347	99.96%
I-395	2	736	2,943	99.05%
US 1 Miami-Dade Co	5	521	2,521	99.79%
US 1 S/ of Florida City	11	472	3,396	96.61%
<b>Total</b>	<b>86</b>	<b>12,232</b>	<b>54,262</b>	<b>96.72%</b>

## Maintenance and TMC Operations:

### ITS Systems Availability (FDOT Non-Operational)

Subsystem	August 2017	Target
TMC Systems (critical)	99.98%	>99.90%
TMC Systems (non-critical)	99.30%	≥98.00%
www.sunguide.info	100.00%	≥98.00%
SunGuide <sup>SM</sup> Software	93.28%	N/A
Video Wall	99.97%	N/A
Detectors	91.45%	N/A
CCTV	95.38%	N/A
DMS	96.72%	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	
	August 2017	Target	August 2017	Target
DMS Efficiency (Lane Blockage)	99.89%	≥95%	100.00%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.46%	≤0.59%	0.21%	≤0.29%
TMC Operator Error Rate (Non-lane Blockage)	0.28%	≤0.59%	0.18%	≤0.29%
Road Ranger Dispatching Average (Lane Blockage)	0:00:33	≤0:02:00	0:00:20	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:00:56	≤0:02:00	0:00:25	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:37	≤0:03:00	0:00:57	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:45	≤0:07:00	0:01:10	≤0:04:00