

# ITS Operations Summary Report – March 2016

## Milestones:

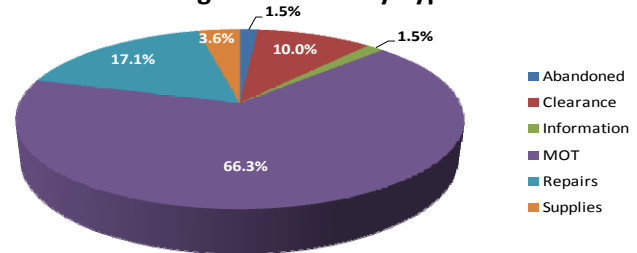
- Conducted TMC Presentation and Tour for Cubic Transportation Systems.
- Coordinated and supported various special events; created messaging plans and monitored traffic conditions during the Miami Open Tennis Tournament, Ultra Music Festival, and Coconut Grove Art Festival.
- Coordinated with Project Managers and CEI for various construction closures; Created all pre-event and construction messaging plans for: 95 Express Phase 2, I-95 Pavement Rehabilitation Projects, SR 826/SR 836 Interchange Reconstruction, US-1 Keys Construction (Multiple Projects), I-75/SR 826 Express Lanes Project, NW 25<sup>th</sup> Street Viaduct Project, and Long Key Bridge Construction.

## Event Summary:

Statistics	March 2016	FY 14/15 Avg.
Total Number of Events	4,926	4,127
Total Number of Lane Blockage Events	1,974	1,582
Average Lane Blockage Duration*	0:28:48	0:27:44
Total Number of Road Ranger Responses**	4,976	3,879
Total Number of Road Ranger Activities**	9,105	7,209

\*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.

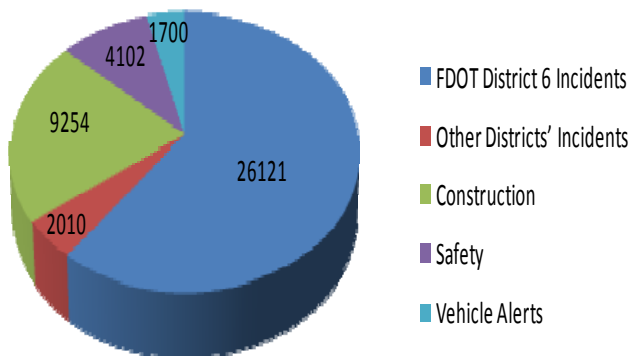
## Road Ranger Activities by Type



**Traveler Information:** There were 50,090 calls from SE Florida to the Statewide 511 system for the month of March 2016.

## DMS Message by Type

(Total DMS Messages = 43,187)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	1,839	6,673	99.97%
95 Express	6	978	3,673	99.80%
I-95 Arterial	8	1,506	4,803	94.82%
Golden Glades	5	1,225	4,187	99.96%
SR 826	12	1,486	6,106	98.56%
I-75	3	364	1,799	91.06%
I-195	2	201	1,013	99.77%
I-195 Arterial	3	334	1,036	97.64%
SR 826 Arterial	10	1,804	6,768	99.07%
I-395	2	595	2,008	97.89%
US 1 Miami-Dade Co	5	484	2,135	99.93%
US 1 S/ of Florida City	11	355	2,986	95.75%
<b>Total</b>	<b>78</b>	<b>11,171</b>	<b>43,187</b>	<b>97.96%</b>

Note: DMS 15 is undergoing Capital Improvement; messages posted on these devices are not computed and system availability is not measured. DMS 2, 3, 6, 109, 110, 111, 113, FLD6DOT095NB013.5-LL, FLD6DOT095NB014.8-EL, and FLD6DOT095SB014.6-EL along I-95 (EL Phase 2 project), 826SBNW103ST01 along SR 826 (I-75/SR 826 Express Lanes project), and four additional DMS along the SR 826 (Section 5 project) are operational and are still under warranty; system availability is not measured.

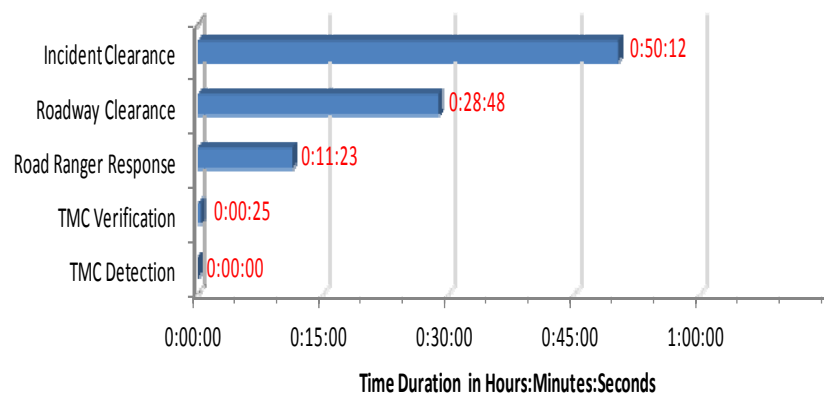
## TMC Operations and Maintenance:

### TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	March 2016	Target
DMS Efficiency	99.94%	>95%
TMC Operator Error Rate	0.45%	<0.59%
Road Ranger Dispatching Average	00:00:42	<0:02:00
Event Confirmation Average	00:00:25	<0:02:00
Time to Post DMS Average	00:02:04	<0:05:00
Agency Notification Average	00:02:40	<0:07:00

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

Subsystem	March 2016	Target
TMC Systems (critical)	99.96%	>99.90%
Video Wall	99.79%	N/A
SunGuide® Software	99.95%	N/A
CCTV	93.63%	N/A
DMS	97.96%	N/A
Detectors	88.01%	N/A
TMC Systems (non-critical)	98.25%	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.

ISO: 60178093