

# ITS Operations Summary Report – November 2015

## Milestones:

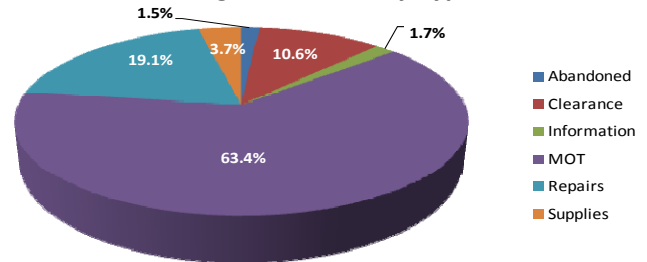
- Hosted 95 Express Customer Service Workshop with Regional Partners; Supported “Drive Safe 95 Express” campaign.
- Supported Special Events: Homestead Speedway, Veterans' Day Parade (Keys), Smart Ride (Keys), and Key Largo Bridge Run (Keys).
- Coordinated and hosted tour for Boston Consulting Group.
- 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, and Long Key Bridge Construction.

## Event Summary:

Statistics	November 2015	FY 14/15 Avg.
Total Number of Events	4,621	4,127
Total Number of Lane Blockage Events**	1,891	1,582
Average Lane Blockage Duration*	0:35:06	0:27:44
Total Number of Road Ranger Responses	4,763	3,879
Total Number of Road Ranger Activities	8,610	7,209

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

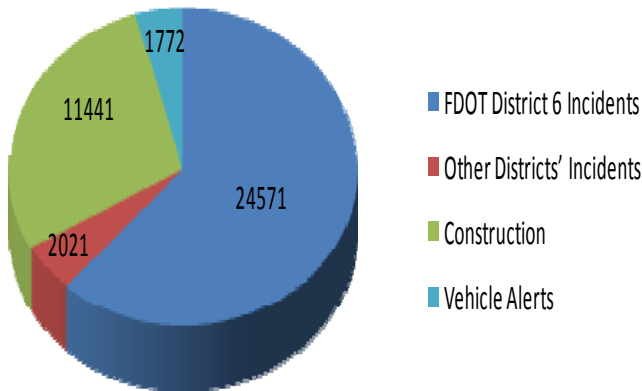
## Road Ranger Activities by Type



**Traveler Information:** There were 57,723 calls from SE Florida to the Statewide 511 system for the month of November 2015.

## DMS Message by Type

(Total DMS Messages = 39,805)



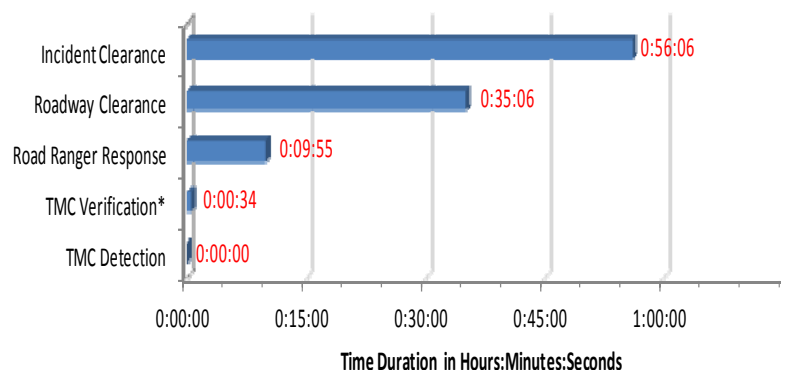
Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,269	8,605	100.00%
95 Express	6	835	2,961	99.72%
I-95 Arterial	8	897	3,108	99.18%
Golden Glades	5	1,233	4,746	99.71%
SR 826	12	1,503	6,474	99.00%
I-75	3	370	2,030	99.80%
I-195	2	258	1,100	99.73%
I-195 Arterial	3	421	1,552	100.00%
SR 826 Arterial	10	931	3,425	100.00%
I-395	2	589	1,972	96.76%
US 1 Miami-Dade Co	5	359	1,650	99.60%
US 1 S/ of Florida City	11	264	2,182	94.60%
<b>Total</b>	<b>78</b>	<b>9,929</b>	<b>39,805</b>	<b>98.80%</b>

Note: DMS 15, 68, and 69 are 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	November 2015	Target
DMS Efficiency	99.48%	>95%
TMC Operator Error Rate	0.46%	<0.59%
Road Ranger Dispatching Average	0:00:46	<0:02:00
Event Confirmation Average	0:00:34	<0:02:00
Time to Post DMS Average	0:02:21	<0:05:00
Agency Notification Average	0:02:43	<0:07:00



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

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

Subsystem	November 2015	Target
TMC Systems (critical)	99.98%	>99.90%
Video Wall	99.97%	N/A
SunGuide <sup>SM</sup> Software	96.11%	N/A
CCTV	92.12%	N/A
DMS	98.80%	N/A
Detectors	86.32%	N/A
TMC Systems (non-critical)	98.90%	N/A