

ITS Operations Summary Report – March 2014

Milestones:

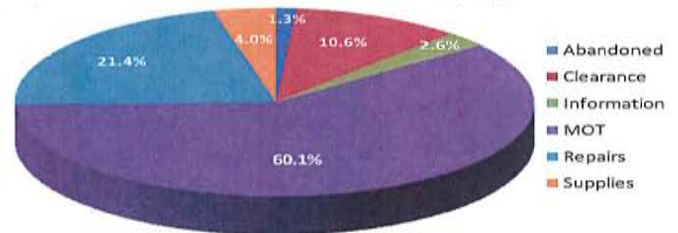
- Supported and implemented Express Lanes new toll rules: coordinated interviews for Sun-Sentinel and WLRN/Miami Herald, updated Time-of-day TOD Memo, and conducted testing of the Express Lane Software enhancements.
- Coordinated interview for American City or County Magazine (95 Express Phase 1) and completed www.95Express.com redesign.
- Hosted tours and presentations for the following: Westminster Christian, FIU (Ramp Signaling), and Institute of Transportation Engineers (ITE).
- Supported Sony Ericsson Tennis Tournament – 3/17/2014 to 3/30/2014.
- Updated TMC Standard Employee Guidelines (SEG) document.

Event Summary:

Statistics	March 2014	FY 12/13 Avg.
Total Number of Events	3,548	3,261
Total Number of Lane Blockage Events	1,252	1,106
Average Lane Blockage Duration*	0:27:30	0:29:12
Total Number of Road Ranger Responses	3,378	3,213
Total Number of Road Ranger Activities	6,330	5,889

*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.

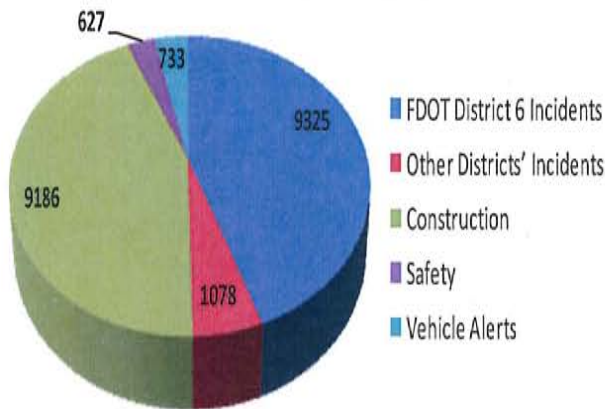
Road Ranger Activities by Type



Traveler Information: There were 59,659 calls from SE Florida to the Statewide 511 system for the month of March 2014.

DMS Message by Type

(Total DMS Messages = 20,949)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1,099	3,302	99.14%
95 Express	4	448	1,399	98.32%
I-95 Arterial	8	1,190	4,308	98.73%
Golden Glades	5	1,108	3,705	99.73%
SR 826	12	1,069	3,048	99.90%
I-75	3	175	413	100%
I-195	3	23	52	100%
I-195 Arterial	3	184	653	99.61%
SR 826 Arterial	8	730	1,501	98.11%
I-395	2	345	1,036	99.21%
US 1 Miami-Dade Co	5	121	269	100%
US 1 S/ of Florida City	11	298	1,263	97.64%
Total	74	6,790	20,949	98.94%

Note: DMS 15, DMS 23, DMS 74, DMS 76, DMS 77, DMS 103, and DMS 105 are undergoing testing for Capital Improvement and are used periodically; messages posted on these devices are not computed and system availability is not measured.
 Two additional DMS along the SR 826 Section 3 project are operational and are still under warranty; system availability is not measured.

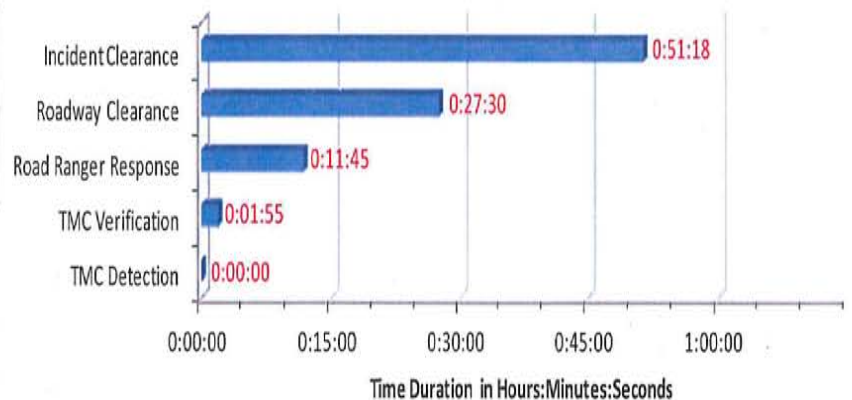
TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	Mar. 2014	Target
DMS Efficiency	99.90%	>95%
TMC Operator Error Rate	0.37%	<0.59%
Road Ranger Dispatching Average	0:00:43	<0:02:00
Event Confirmation Average	0:01:55	<0:02:00
Time to Post DMS Average	0:02:28	<0:05:00
Agency Notification Average	0:01:42	<0:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	Mar. 2014	Target
TMC Systems (critical)	99.99%	>99.90%
Video Wall	97.43%	N/A
SunGuide SM Software	99.37%	N/A
CCTV	98.49%	N/A
DMS	98.94%	N/A
Detectors	90.02%	N/A
TMC Systems (non-critical)	98.88%	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