

ITS Operations Summary Report – April 2014

Milestones:

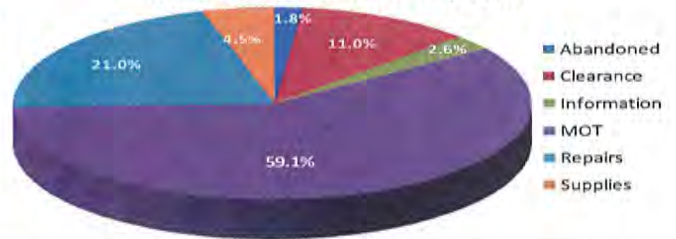
- Hosted 95 Express Refund Request Refresher Course for SunPass staff and hosted TMC tour for Florida Atlantic University (FAU) staff.
- Coordinated responses for media requests in regard to 95 Express for Sun-Sentinel and International Bridge, Tunnel and Turnpike Association.
- Created and submitted TMC e-mail blast series – “What’s New @ the TMC”.
- Supported various traffic-impacting events along US-1 in the Florida Keys: Seven Mile Bridge Run and Florida Keys Island Fest.
- Supported lane closures with DMS messaging for ongoing Florida Gas Transmission pipe line testing.
- Drafted Roadway and Event Management Location configurations in SunGuide Software for new Port Miami Tunnel (to support 511 Operations).

Event Summary:

Statistics	April 2014	FY 12/13 Avg.
Total Number of Events	3,757	3,261
Total Number of Lane Blockage Events	1,478	1,106
Average Lane Blockage Duration*	0:30:00	0:29:12
Total Number of Road Ranger Responses	3,436	3,213
Total Number of Road Ranger Activities	6,408	5,889

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

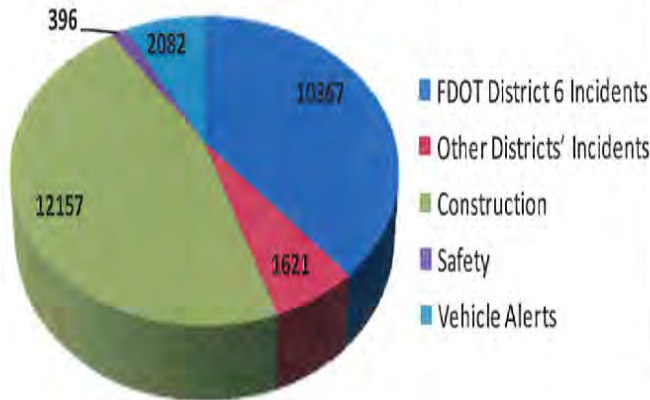
Road Ranger Activities by Type



Traveler Information: There were 50,192 calls from SE Florida to the Statewide 511 system for the month of April 2014.

DMS Message by Type

(Total DMS Messages = 26,623)



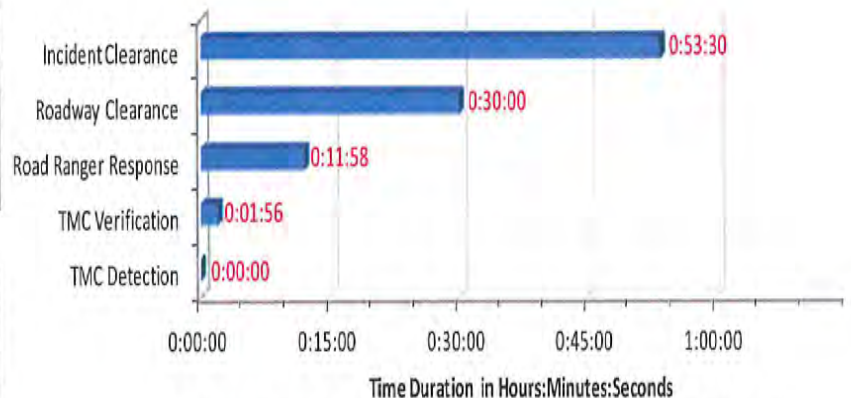
Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1,236	4,049	98.14%
95 Express	4	500	1,561	99.32%
I-95 Arterial	8	1,370	5,082	93.00%
Golden Glades	5	1,300	4,578	98.11%
SR 826	12	1,318	3,839	99.46%
I-75	3	257	747	99.98%
I-195	3	29	90	99.89%
I-195 Arterial	3	292	982	98.02%
SR 826 Arterial	8	990	2,479	97.62%
I-395	2	409	1,252	99.27%
US 1 Miami-Dade Co	5	153	422	98.77%
US 1 S/ of Florida City	11	354	1,542	99.16%
Total	74	8,208	26,623	98.05%

Note: DMS 15, DMS 23, DMS 74, DMS 75, 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 counted and system availability is not measured. Two 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	Apr. 2014	Target
DMS Efficiency	99.92%	>95%
TMC Operator Error Rate	0.26%	<0.59%
Road Ranger Dispatching Average	0:00:44	<0:02:00
Event Confirmation Average	0:01:56	<0:02:00
Time to Post DMS Average	0:02:18	<0:05:00
Agency Notification Average	0:01:37	<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	Apr. 2014	Target
TMC Systems (critical)	99.98%	>99.90%
Video Wall	97.44%	N/A
SunGuide SM Software	99.96%	N/A
CCTV	97.16%	N/A
DMS	98.05%	N/A
Detectors	89.29%	N/A
TMC Systems (non-critical)	99.44%	N/A