

FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM ITS Operations Summary Report – October 2012



Milestones:

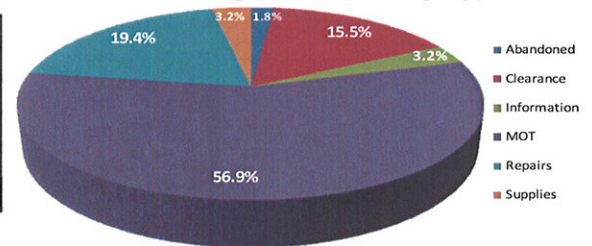
- Completed development and implementation of new DMS message templates to support “Miles Ahead” directive.
- Supported development of 95 Express Phase 2 Incident Management Plan and updated Incident Management (IM) SOGs.
- Attended meetings with Miami-Dade Transit (MDT) and supported Express Lanes initiatives from FDOT Central Office and other districts.
- Completed FY-12/13 1st Quarter Incident Duration performance measures report and supported several Sun Life Stadium Events.
- Participated in the Community Traffic Safety Team and University of Miami Safety Fair, and presented at Transpo 2012.

Event Summary

Statistics	October 2012	FY 11/12 Avg.
Total Number of Events	3,505	3,325
Total Number of Lane Blockage Events	1,273	1,080
Average Lane Blockage Duration*	0:30:48	00:27:33
Total Number of Road Ranger Responses	3,519	3,240
Total Number of Road Ranger Activities	6,235	5,934

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

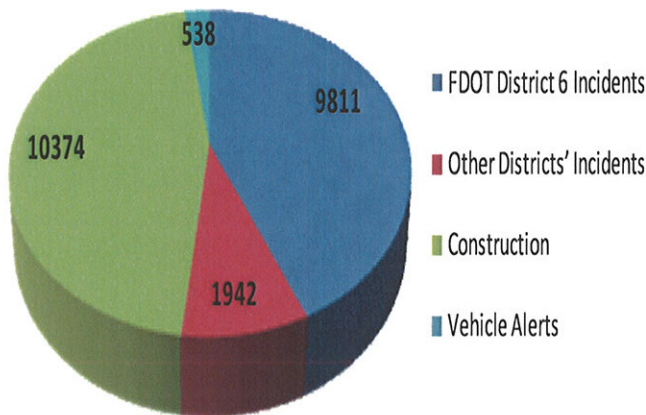
Road Ranger Activities by Type



Traveler Information:

There were 69,994 calls from Southeast Florida area codes to the Statewide 511 system for the month of October 2012.

DMS Message by Type (Total DMS Messages = 22,665)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	774	2,133	69.80%
95 Express	4	348	829	99.96%
I-95 Arterial	8	1,063	3,675	99.44%
Golden Glades	5	830	2,588	99.73%
SR 826	12	1,016	3,289	99.94%
I-75	3	254	998	99.95%
I-195	3	409	1,461	99.17%
I-195 Arterial	3	324	1,589	82.93%
SR 826 Arterial	8	925	3,436	99.05%
I-395	2	339	1,148	99.61%
US 1 Miami-Dade Co	5	291	1,241	99.96%
US 1 S/ of Florida City	11	130	278	90.13%
Total	74	6,703	22,665	93.20%

Note: DMS 17, DMS 57, and DMS 61 are undergoing testing for Capital Improvement and are used periodically. Two additional DMS along the SR 826 Section 5 project became operational and are still under warranty. System availability is not measured for these devices.

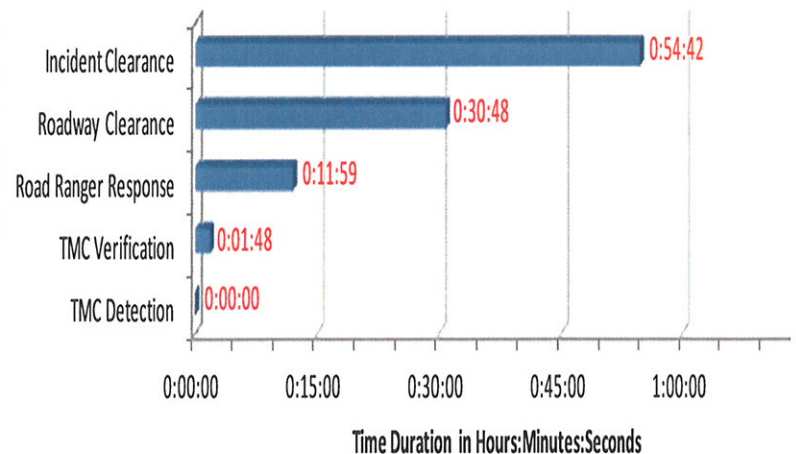
TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	Oct. 2012	Target
DMS Efficiency	100%	>95%
TMC Operator Error Rate	0.35%	<0.59%
Road Ranger Dispatching Average	00:00:45	<00:02:00
Event Confirmation Average	00:01:48	<00:02:00
Time to Post DMS Average	00:02:13	<00:05:00
Agency Notification Average	00:01:30	<00:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	Oct. 2012	Target
TMC Systems (critical)	99.99%	>99.90%
Video Wall	97.42%	N/A
SunGuide SM Software	97.63%	N/A
CCTV	96.46%	N/A
DMS	93.20%	N/A
Detectors	92.52%	N/A
TMC Systems (non-critical)	96.89%	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.