



FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM ITS Operations Summary Report – November 2011



Milestones:

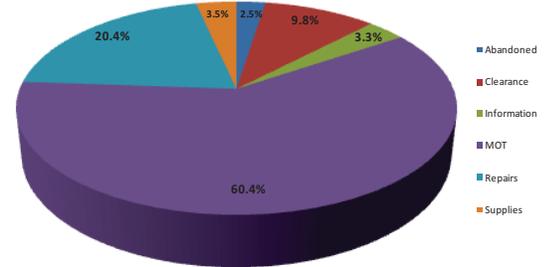
- Coordinated an incident management related meeting with the SR 826/I-75 Managed Lanes team and representatives from FHP and Miami-Dade Fire Rescue.
- Provided support to 95 Express Phase 2 at the beginning of construction and developed its incident management communication protocol.
- Coordinated with Sun Life Stadium Staff in regards to traffic impacts associated with the Dolphins/UM Football games and the Black Eyed Peas Concert.
- Attend meetings and assisted with coordination of the Toy Run Special Event.
- Completed a validated test plan for OTM v1.3 and completed analysis of traffic data to establish threshold values for turning on/off ramp signals.

Event Summary

Statistics	November 2011	FY 10/11 Avg.
Total Number of Events	3,204	3,114
Total Number of Lane Blockage Events	1,031	837
Average Lane Blockage Duration*	00:27:06	00:27:42
Total Number of Road Ranger Responses	3,162	3,256
Total Number of Road Ranger Activities	5,824	5,802

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

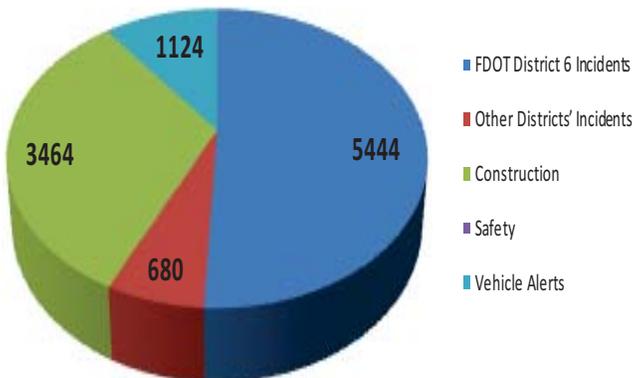
Road Ranger Activities by Type



Traveler Information:

There were 66,667 calls from Southeast Florida area codes to the Statewide 511 system for the month of November 2011.

DMS Message by Type (Total DMS Messages = 10,712)

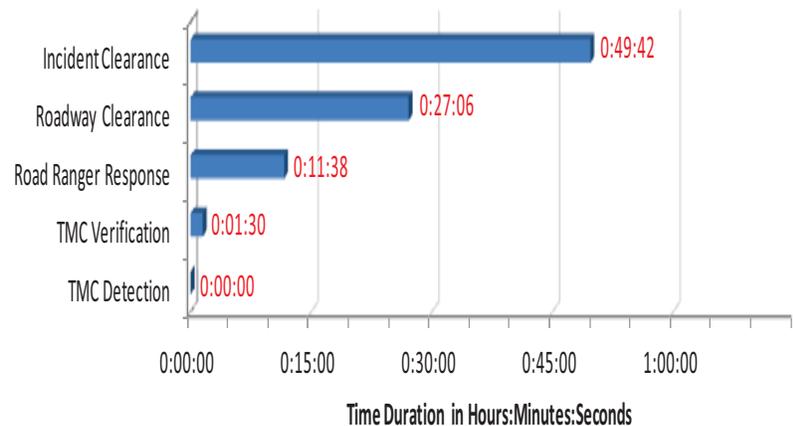


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1,004	2,446	98.82%
95 Express	4	248	741	95.44%
I-95 Arterial	8	730	1,851	99.97%
Golden Glades	5	536	967	99.90%
SR-826	9	774	1,317	99.63%
I-75	3	227	392	100.00%
I-195	3	326	1,079	99.18%
I-195 Arterial	3	185	416	99.30%
I-395	2	193	450	83.14%
US 1 Miami-Dade Co	5	285	681	100.00%
US 1 S/ of Florida City	11	201	372	94.94%
Total	63	4,709	10,712	97.97%

TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	Nov. 2011	Target
DMS Efficiency	99.89%	>95%
TMC Operator Error Rate	0.32%	<0.59%
Road Ranger Dispatching Average	00:00:43	<00:02:00
Event Confirmation Average	00:01:30	<00:02:00
Time to Post DMS Average	00:02:19	<00:05:00
Agency Notification Average	00:01:08	<00:07:00



ITS Systems Availability (FDOT Non-Operational)

Subsystem	Nov. 2011	Target
TMC Systems (critical)	99.97%	>99.90%
Video Wall	100%	N/A
SunGuide SM Software	99.59%	N/A
CCTV	98.47%	N/A
DMS	97.97%	N/A
Detectors	94.06%	N/A
TMC Systems (non-critical)	99.68%	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.