

# FDOT DISTRICT SIX - SUNGUIDE TMC

#### May 2011

## ITS Operations Summary Report



#### **Milestones:**

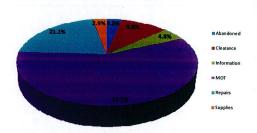
- Updated the District Six SunGuide Transportation Management Center Hurricane Response Action Plan.
- Completed Ramp Signaling site field data collection for annual performance analysis.
- Delivered Concept of Operation presentation for Express Lanes Phase 2 project.
- Supported statewide safety campaign via dynamic message signs.

### **Event Summary**

Statistics	May 2011	FY 09/10 Avg.
Total Number of Events	3,270	2,960
Total Number of Lane Blockage Events	880	573
Average Lane Blockage Duration*	00:27:06	00:30:44
Total Number of Road Ranger Responses	3,170	3,409
Total Number of Road Ranger Activities	5,892	5,831

<sup>\*</sup>Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.

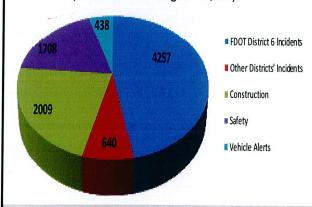
## **Road Ranger Activities by Type**



#### **Traveler Information:**

There were 64,451 calls from Southeast Florida area codes to the Statewide 511 system for the month of May 2011.

# **DMS Message by Type** (Total DMS Messages = 9,052)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	947	2,036	99.85%
95 Express	4	256	558	99.91%
I-95 Arterial	8	666	1,341	92.82%
Golden Glades	5	549	1,121	100.00%
SR-826	9	687	1,324	100.00%
I-75	3	152	318	85.46%
I-195	3	263	562	93.04%
I-195 Arterial	3	120	386	99.86%
I-395	2	221	443	99.99%
US 1 Miami-Dade Co	5	195	444	100.00%
US 1 S/ of Florida City	11	144	519	99.62%
Total	63	4,200	9,052	97.96%

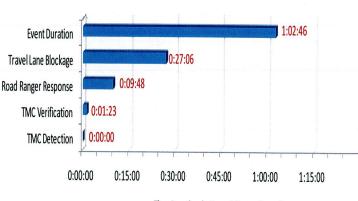
## TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	May 2011	Target
DMS Efficiency	99.87%	>95%
TMC Operator Error Rate	0.26%	<0.59%
Road Ranger Dispatching Average	00:00:45	<00:02:00
Event Confirmation Average	00:01:23	<00:02:00
Time to Post DMS Average	00:02:23	<00:05:00
Agency Notification Average	00:01:08	<00:07:00

ITS Systems Availability (FDOT Non-Operational)

115 Systems Availability (FDO1 Non-Operational)				
Subsystem	May 2011	Target		
TMC Systems (critical)	99.99%	>99.90%		
Video Wall	96.63%	N/A		
SunGuide <sup>SM</sup> Software	99.63%	N/A		
CCTV	98.83%	N/A		
DMS	97.96%	N/A		
Detectors	97.10%	N/A		
TMC Systems (non-critical)	96.03%	N/A		



Time Duration in Hours:Minutes:Seconds

Note: Time Durations include FDOT D6 Managed Events Only and excludes roadwork and special events. Road Ranger Response excludes Road Ranger detected events.

## File Code 501.2.3.2