



FDOT DISTRICT SIX – SUNGUIDE TMC

January 2008 ITS Operation's Summary



Milestones:

- January 14, 2008, Control Room Operation and IT Migration to DMJM Harris
- Procured equipment for TMC Systems Upgrade
- Transitioned www.southfloridaITScoalition.org website to be hosted at TMC

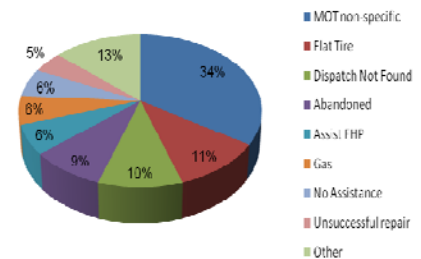
Event Summary:

Statistics	January 2008*	FY 06/07 Avg.**
Total Number of Events	5,915	5,678
Total Number of Lane Blockage Events	759	657
Average Lane Blockage Duration	37.8 min	37.2 min
Total Number of Road Ranger Responses	7,826	7,360
Total Number of Road Ranger Activities	11,566	8,339
Road Ranger Cost Benefit	\$3,829,752	\$1,514,695

*Includes all events for FDOT and MDX Facilities

**Based on six-month average from Jan 07 to Jun 07

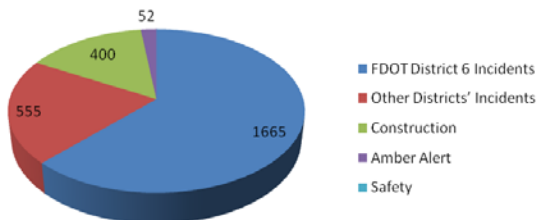
Road Ranger Activities by Type



Traveler Information:

The total number of 511 Calls for January 2008 was **188,980** compared to a monthly average of 184,831 for FY 06/07.

DMS Messages by Type (Total DMS Messages = 2672)



Roadway	Available DMS*	# of Messages	Messages/DMS
I-95	20*	1398	70
SR-826	5*	393	79
Florida's TPKE	1	123	123
I-195	5	353	71
I-395	1	127	127
I-75	3	247	82
US 1	1	0	0
US 1 (Keys)	11	31	3
Total	47	2672	57

* DMS 4, 8, 9, and 10 non-operational, awaiting for capital improvement

TMC Operators and Maintenance:

TMC Operations (Lane Blockage Events)

Performance Measure	January	Target
DMS Efficiency	100%	>95%
TMC Operator Error Rate	0.1%	<0.69%
Road Ranger Dispatching Average	0.98 min	<2.00 min
Event Confirmation Average	1.82 min	<2.00 min
DMS Time to Post Average	3.07 min	<5.00 min
Agency Notification Average	2.62 min	<7.00 min

ITS Systems Availability (FDOT Non-Operational)

Subsystem	January	Target
TMC Systems	100%	>99.90%
Video Wall	100%	N/A
SunGuide SM Software	99.79%	N/A
CCTV	96.05%	N/A
DMS	87.91%	N/A
Detectors	98.5%	N/A
Workstations	99.98%	N/A

