## Milestones:

- Began disseminating Travel Times on four Dynamic Messages Signs (DMS) on SR-826 (From I-75 to SR 836).
- Performed Operational Acceptance Testing of three new Dynamic Message Signs (DMS).
- Coordinated and supported Annual Meeting for High-Occupancy Vehicles/Transp. Management Center/Pool Fund Studies Group
- Presented technical papers about Ramp Signaling Operations, EL Pricing, and FLATIS QA/QC at ITS America Annual Meeting.

Event Summary

Statistics	May 2010	FY 08/09 Avg.
Total Number of Events	2,794	2,974
Total Number of Lane Blockage Events	566	459
Average Lane Blockage Duration*	00:42:43	00:32:12
Total Number of Road Ranger Responses	2,383	4,043
Total Number of Road Ranger Activities	5,404	6,009

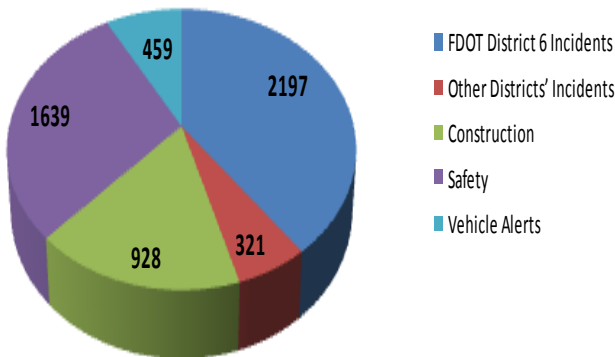*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events

Road Ranger Activities by Type

Abandoned 4.2%, Clearance 8.7%, Information 4.8%, MOT 55.6%, Repairs 23.3%, Supplies 3.5%
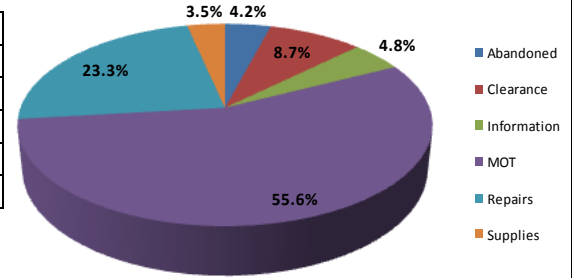
Traveler Information:

There were 112,713 calls from Southeast Florida area codes to the Statewide 511 system for the month of May 2010.

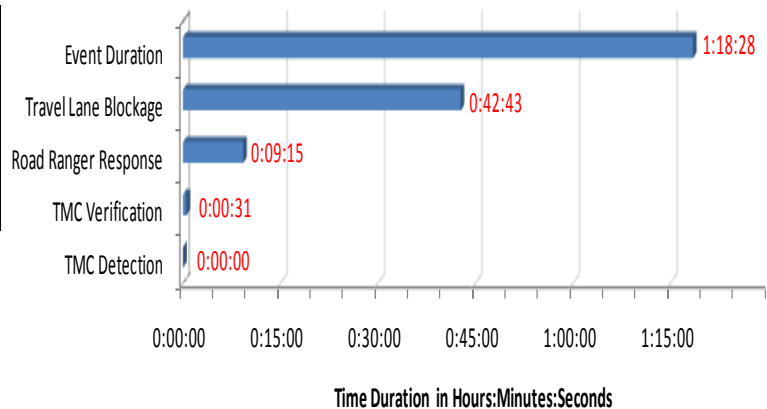**DMS Message by Type**
(Total DMS Messages = 5,544)

FDOT District 6 Incidents 2197, Other Districts' Incidents 321, Construction 928, Safety 1639, Vehicle Alerts 459

Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	547	1,074	84.07%
95 Express	4	102	341	99.75%
I-95 Arterial	8	518	818	90.31%
Golden Glades	5	134	269	53.34%
SR-826	9	419	913	90.73%
I-75	3	141	376	99.09%
I-195	3	175	400	99.88%
I-195 Arterial	3	77	117	100.00%
I-395	2	194	327	100.00%
US 1 Miami-Dade Co	5	114	318	99.91%
US 1 S/ of Florida City	11	107	591	97.39%
Total	**63**	**2,528**	**5,544**	**93.48%**

Note: DMS 1, 2, 5, and 10 are non-operational, awaiting for capital improvements but only DMS 10 is not included in the availability calculation.

TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	May	Target
DMS Efficiency	100%	>95%
TMC Operator Error Rate	0.33%	<0.69%
Road Ranger Dispatching Average	00:01:08	<00:02:00
Event Confirmation Average	00:00:31	<00:02:00
Time to Post DMS Average	00:03:12	<00:05:00
Agency Notification Average	00:01:23	<00:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	May	Target
TMC Systems (critical)	99.99%	>99.90%
Video Wall	100 %	N/A
SunGuide^{SM} Software*	99.38%	N/A
CCTV*	96.59%	N/A
DMS*	93.48%	N/A
Detectors	98.49%	N/A
TMC Systems (non-critical)	99.12%	N/A

*Does not include scheduled downtime for upgrades, PS, middleware failures, toll rate DMS, and EL CCTVs.

Event Duration 1:18:28
Travel Lane Blockage 0:42:43
Road Ranger Response 0:09:15
TMC Verification 0:00:31
TMC Detection 0:00:00

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.