



FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM ITS Operations Summary Report – May 2013



Milestones:

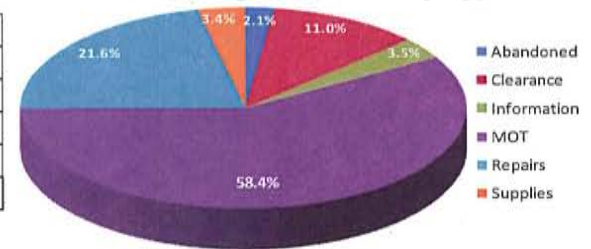
- Granted radio interview to Canadian talk show "NewsTalk 1010" in regard to the ITS America 2013 Award.
- Coordinated print interviews to International News Corporations and Traffic Technology International.
- Hosted TMC tours for Washington DOT (regarding 95 Express) and for the "Take your Daughter/Son to Work Day" event.
- Coordinated with Project Managers and CEI for various construction projects: 95 Express Phase 2 and Palmetto Expressway Section 5.
- Supported loop repair for various ramp signaling sites, and supported Turnpike Lane Audit for 95 Express.
- Coordinated with FHP and other agencies regarding copper theft in Miami-Dade County, and coordinated I-75 / US-41 detour issues for smoke and fog.

Event Summary

Statistics	May 2013	FY 11/12 Avg.
Total Number of Events	3,378	3,325
Total Number of Lane Blockage Events	1,149	1,080
Average Lane Blockage Duration*	0:30:42	0:27:33
Total Number of Road Ranger Responses	3,371	3,240
Total Number of Road Ranger Activities	6,272	5,934

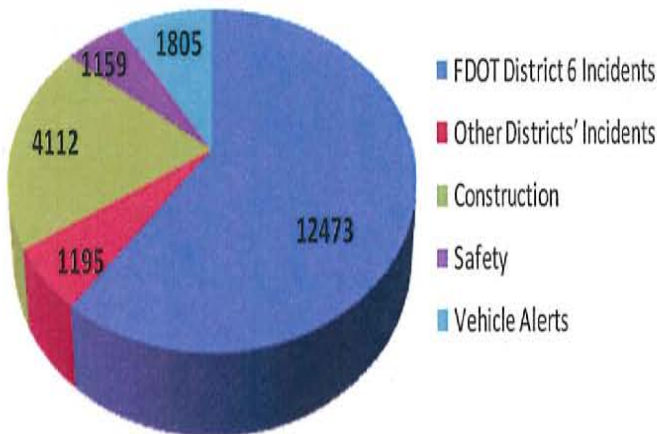
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.

Road Ranger Activities by Type



Traveler Information: There were 66,095 calls from SE Florida to the Statewide 511 system for the month of May 2013.

DMS Message by Type (Total DMS Messages = 20,744)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1,022	3,398	97.69%
95 Express	4	420	1,228	99.13%
I-95 Arterial	8	957	3,549	92.15%
Golden Glades	5	1,008	2,881	99.87%
SR 826	12	1,096	3,074	99.98%
I-75	3	219	641	99.99%
I-195	3	54	109	N/A
I-195 Arterial	3	81	239	N/A
SR 826 Arterial	8	896	2,504	99.94%
I-395	2	323	1,045	99.36%
US 1 Miami-Dade Co	5	262	1,107	100.00%
US 1 S/ of Florida City	11	228	969	97.92%
Total	74	6,566	20,744	98.27%

Note: DMS 38, DMS 39, DMS 40, DMS 57, DMS 74, DMS 77, DMS 103, and DMS 105 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.

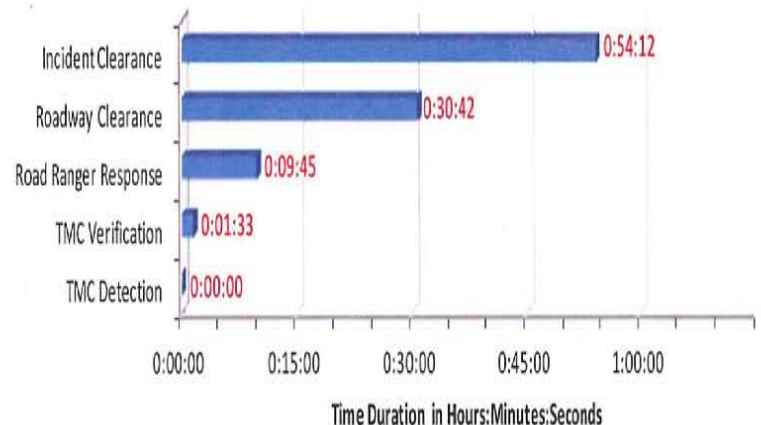
TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	May 2013	Target
DMS Efficiency	99.80%	>95%
TMC Operator Error Rate	0.38%	<0.59%
Road Ranger Dispatching Average	0:00:44	<0:02:00
Event Confirmation Average	0:01:33	<0:02:00
Time to Post DMS Average	0:02:15	<0:05:00
Agency Notification Average	0:02:23	<0:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	May 2013	Target
TMC Systems (critical)	99.99%	>99.90%
Video Wall	99.75%	N/A
SunGuide SM Software	100%	N/A
CCTV	95.53%	N/A
DMS	98.27%	N/A
Detectors	90.19%	N/A
TMC Systems (non-critical)	97.73%	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.