FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM
ITS Operations Summary Report – November 2012
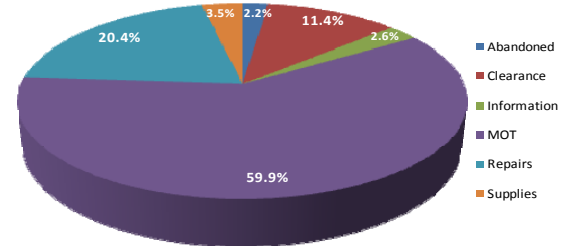
Milestones:

- Attended follow-up TIM workshop with FHWA and attended District Six / District Four 95 Express Incident Management Coordination meeting.
- Coordinated with Project Managers and CEI for various ongoing construction projects to support with DMS messages during lane closures.
- Supported Sun Life Stadium events and completed updates of all CCTV presets for Ramp Signaling operations.
- Attended meeting with FIU and provided Ramp Signaling operational information for a joint US DOT ramp signaling project.
- Hosted ITS Program Tour for Florida Senate Candidates and coordinated 95 Express delineator maintenance video shoot.

Event Summary

Statistics	November 2012	FY 11/12 Avg.
Total Number of Events	2,836	3,325
Total Number of Lane Blockage Events	957	1,080
Average Lane Blockage Duration*	0:28:30	00:27:33
Total Number of Road Ranger Responses	2,815	3,240
Total Number of Road Ranger Activities	5,140	5,934

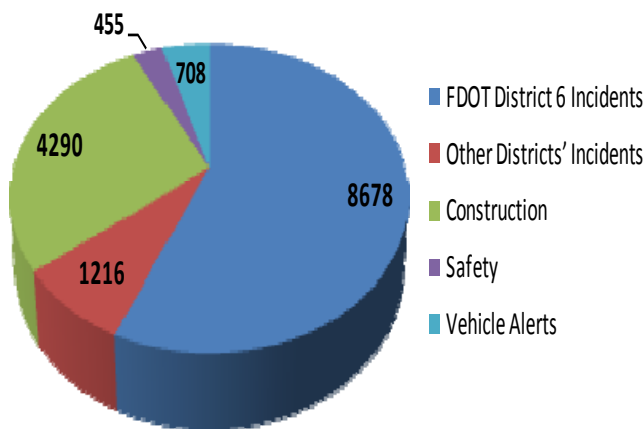*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.*

Road Ranger Activities by Type

Abandoned 2.2%, Clearance 11.4%, Information 2.6%, MOT 59.9%, Repairs 20.4%, Supplies 3.5%

Traveler Information:

There were 63,066 calls from Southeast Florida to the Statewide 511 system for the month of November 2012.

DMS Message by Type
(Total DMS Messages = 15,350)

FDOT District 6 Incidents 8678, Other Districts' Incidents 1216, Construction 4290, Safety 455, Vehicle Alerts 708

Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	571	1802	68.04%
95 Express	4	250	748	99.54%
I-95 Arterial	8	825	2,692	99.37%
Golden Glades	5	666	1,986	99.10%
SR 826	12	846	2,384	99.95%
I-75	3	197	639	99.99%
I-195	3	199	607	84.78%
I-195 Arterial	3	98	438	86.21%
SR 826 Arterial	8	734	2,184	100.00%
I-395	2	228	790	99.72%
US 1 Miami-Dade Co	5	180	786	99.99%
US 1 S/ of Florida City	11	103	294	99.55%
Total	**74**	**4,894**	**15,350**	**94.08%**

Note: DMS 17, DMS 57, and DMS 61 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.
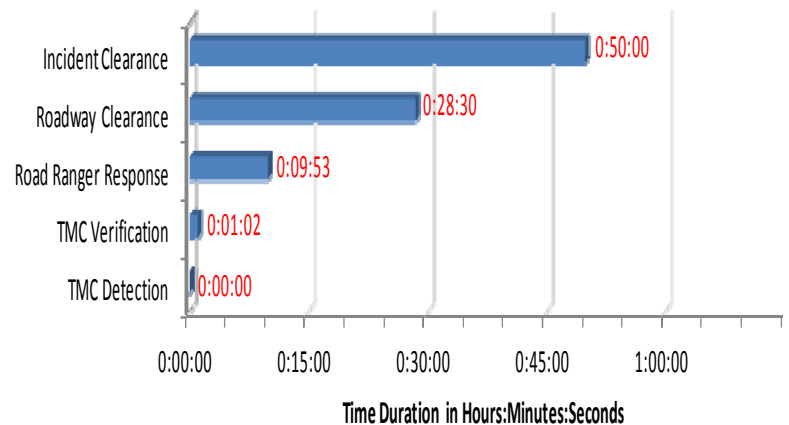
TMC Operations and Maintenance:
TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	Nov. 2012	Target
DMS Efficiency	99.88%	>95%
TMC Operator Error Rate	0.27%	<0.59%
Road Ranger Dispatching Average	00:00:47	<00:02:00
Event Confirmation Average	00:01:02	<00:02:00
Time to Post DMS Average	00:02:10	<00:05:00
Agency Notification Average	00:01:18	<00:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	Nov. 2012	Target
TMC Systems (critical)	100%	>99.90%
Video Wall	89.17%	N/A
SunGuide^SM Software	97.34%	N/A
CCTV	97.89%	N/A
DMS	94.08%	N/A
Detectors	91.77%	N/A
TMC Systems (non-critical)	98.27%	N/A

Incident Clearance 0:50:00; Roadway Clearance 0:28:30; Road Ranger Response 0:09:53; TMC Verification 0:01:02; 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.