



FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM ITS Operations Summary Report – July 2012



Milestones:

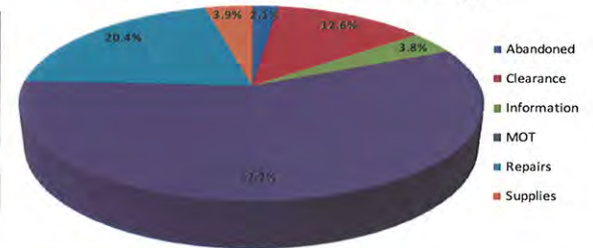
- Coordinated deployment of new Road Ranger AVL software, and validated Quarterly Incident Duration Performance Measures report.
- Participated in Statewide TIM meeting in Orlando, and coordinated with incident responders to attend incident management related meetings for: I-95 Pavement Rehabilitation Projects, SR 826/I-75 Express Lanes, and 95 Express Phase 2 FDOT/FHP initial meeting.
- Coordinated Road Ranger Recognition at FDOT District Six Town Hall meeting, and submitted FHWA TIM Team Self Assessment.
- Coordinated 95 Express interview on WLRN's Topical Currents, and hosted FIU's Miami Prep Program Tour.

Event Summary

Statistics	July 2012	FY 11/12 Avg.
Total Number of Events	3,269	3,325
Total Number of Lane Blockage Events	1,115	1,080
Average Lane Blockage Duration*	00:29:30	00:27:33
Total Number of Road Ranger Responses	3,310	3,240
Total Number of Road Ranger Activities	5,995	5,934

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

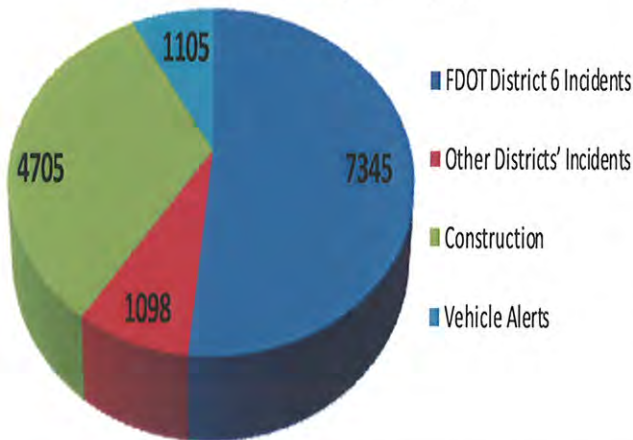
Road Ranger Activities by Type



Traveler Information:

There were 49,151 calls from Southeast Florida area codes to the Statewide 511 system for the month of July 2012.

DMS Message by Type (Total DMS Messages = 14,253)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	689	1,583	71.87%
95 Express	4	294	566	100.00%
I-95 Arterial	8	843	2,124	98.48%
Golden Glades	5	675	1,475	100.00%
SR 826	12	900	2,033	100.00%
I-75	3	218	531	100.00%
I-195	3	370	1,087	63.98%
I-195 Arterial	3	335	1,138	98.03%
SR 826 Arterial	8	690	1,459	N/A**
I-395	2	315	779	100.00%
US 1 Miami-Dade Co	5	195	757	100.00%
US 1 S/ of Florida City	11	201	721	90.17%
Total	74	5,725	14,253	91.71%

Note: DMS 17 and DMS 61 are undergoing testing for Capital Improvement and are used periodically. Eleven additional DMS along the SR 826 Section 2 and Section 5 projects became operational and are still under warranty. System availability is not measured for these devices.

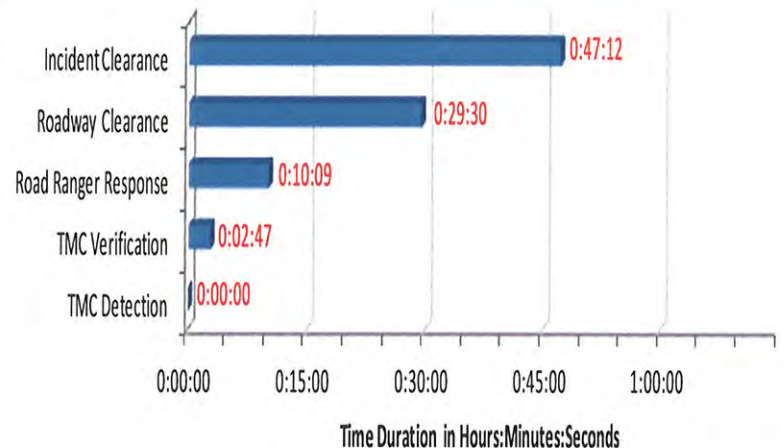
TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	July 2012	Target
DMS Efficiency	99.90%	>95%
TMC Operator Error Rate	0.34%	<0.59%
Road Ranger Dispatching Average	00:00:41	<00:02:00
Event Confirmation Average	00:02:47	<00:02:00
Time to Post DMS Average	00:02:13	<00:05:00
Agency Notification Average	00:01:08	<00:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	July 2012	Target
TMC Systems (critical)	99.97%	>99.90%
Video Wall	99.81%	N/A
SunGuide SM Software	93.96%	N/A
CCTV	95.21%	N/A
DMS	91.71%	N/A
Detectors	92.83%	N/A
TMC Systems (non-critical)	90.61%	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.