



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



Milestones:

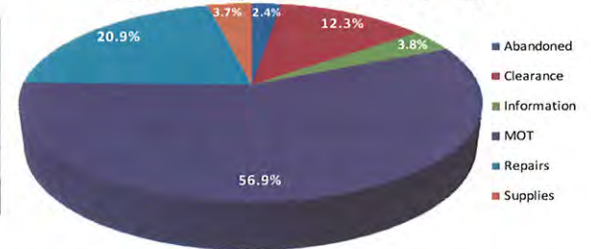
- Presented Hurricane Response Action Plan to FDOT Management Council Meeting and provided support to District EOC during Tropical Storm Isaac.
- Participated in Employee Fair with South Florida Commuter Services and supported Distracted Driving Efforts for the Community Traffic Safety Team Office.
- Participated in Regional Concept of Transportation Operations Meeting and hosted FHP coordination meeting with newly appointed Major Thomas.
- Hosted Tour for Transurban Consultant Group for Virginia DOT and Metric Engineering for FDOT District Two.
- Supported 95 Express Construction Activities through Public Information and revised content for 95 Express Phase 2 website.

Event Summary

Statistics	August 2012	FY 11/12 Avg.
Total Number of Events	3,871	3,325
Total Number of Lane Blockage Events	1,269	1,080
Average Lane Blockage Duration*	00:31:36	00:27:33
Total Number of Road Ranger Responses	3,830	3,240
Total Number of Road Ranger Activities	6,962	5,934

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

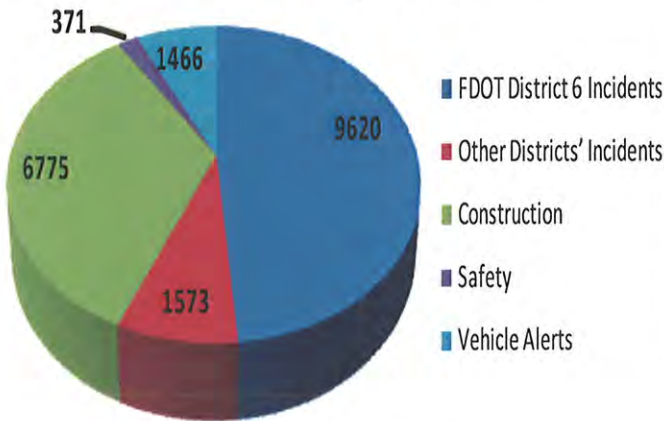
Road Ranger Activities by Type



Traveler Information:

There were 61,421 calls from Southeast Florida area codes to the Statewide 511 system for the month of August 2012.

DMS Message by Type (Total DMS Messages = 19,805)



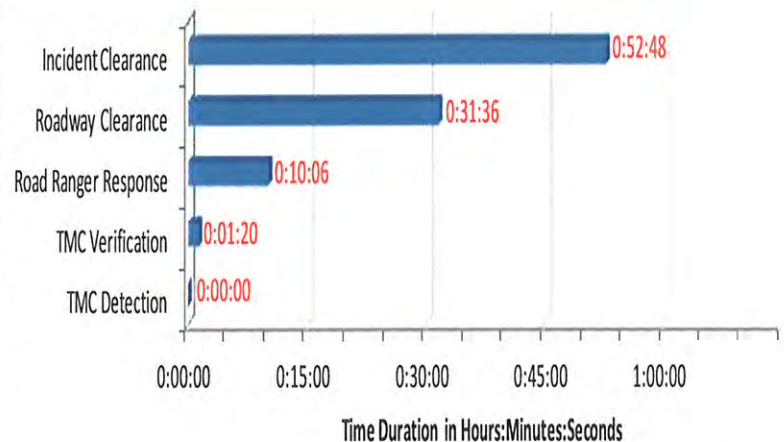
Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1,247	3,250	99.51%
95 Express	4	278	594	95.03%
I-95 Arterial	8	963	2,514	97.60%
Golden Glades	5	724	1,676	100.00%
SR 826	12	1,109	3,218	100.00%
I-75	3	252	840	99.53%
I-195	3	396	1,060	68.14%
I-195 Arterial	3	355	1,163	94.32%
SR 826 Arterial	8	1,044	3,015	N/A**
I-395	2	325	797	99.48%
US 1 Miami-Dade Co	5	251	994	100.00%
US 1 S/ of Florida City	11	183	684	90.65%
Total	74	7,127	19,805	95.86%

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	Aug. 2012	Target
DMS Efficiency	99.82%	>95%
TMC Operator Error Rate	0.39%	<0.59%
Road Ranger Dispatching Average	00:00:46	<00:02:00
Event Confirmation Average	00:01:20	<00:02:00
Time to Post DMS Average	00:02:09	<00:05:00
Agency Notification Average	00:01:20	<00:07:00



ITS Systems Availability (FDOT Non-Operational)

Subsystem	Aug. 2012	Target
TMC Systems (critical)	99.97%	>99.90%
Video Wall	100%	N/A
SunGuide SM Software	92.74%	N/A
CCTV	93.51%	N/A
DMS	95.86%	N/A
Detectors	91.48%	N/A
TMC Systems (non-critical)	96.07%	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.