



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



Milestones:

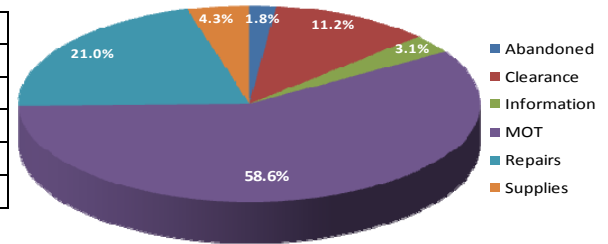
- Prepared, conducted, and supported joint training which included Road Rangers, IRV Operators, and TMC Operators.
- Attended and supported FHP with delivering Strategic Highway Research Program 2 (SHRP 2) TIM training.
- Coordinated with Project Managers and CEI staff for various on-going construction projects and held I-95 Pavement Rehabilitation project meetings.
- Review and validated District Six data currently on the Regional Integrated Transportation Information System (RITIS).
- Coordinated presentation/tour for the following personnel and events: Southeast Association of State Highway and Transportation Officials, FIU's Engineering Exposition, and FDOT Job Shadow Day.
- Facilitated the distribution of video from District Four cameras to NBC via District Six's infrastructure.

Event Summary

Statistics	February 2013	FY 11/12 Avg.
Total Number of Events	3,075	3,325
Total Number of Lane Blockage Events	1,002	1,080
Average Lane Blockage Duration*	0:29:54	00:27:33
Total Number of Road Ranger Responses	2,865	3,240
Total Number of Road Ranger Activities	5,369	5,934

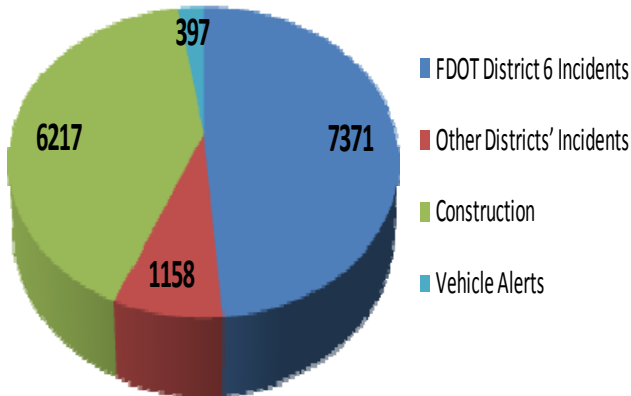
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.

Road Ranger Activities by Type



Traveler Information: There were 72,418 calls from SE Florida to the Statewide 511 system for the month of February 2013.

DMS Message by Type (Total DMS Messages = 15,143)



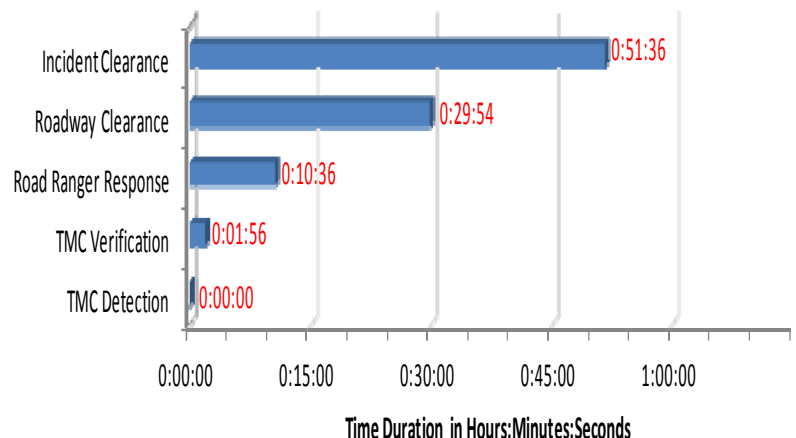
Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	866	2,275	83.61%
95 Express	4	282	693	99.24%
I-95 Arterial	8	876	2,623	99.25%
Golden Glades	5	483	1,170	100.00%
SR 826	12	874	2,349	99.81%
I-75	3	222	724	100.00%
I-195	3	275	836	97.39%
I-195 Arterial	3	130	366	98.44%
SR 826 Arterial	8	747	2,150	100.00%
I-395	2	261	751	99.57%
US 1 Miami-Dade Co	5	168	618	99.17%
US 1 S/ of Florida City	11	158	588	96.85%
Total	74	5,342	15,143	96.65%

Note: DMS 5, DMS 6, DMS 15, DMS 23, DMS 57, DMS 61, 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	Feb. 2013	Target
DMS Efficiency	100%	>95%
TMC Operator Error Rate	0.44%	<0.59%
Road Ranger Dispatching Average	00:00:44	<00:02:00
Event Confirmation Average	00:01:56	<00:02:00
Time to Post DMS Average	00:02:16	<00:05:00
Agency Notification Average	00:01:28	<00:07:00



ITS Systems Availability (FDOT Non-Operational)

Subsystem	Feb. 2013	Target
TMC Systems (critical)	99.96%	>99.90%
Video Wall	99.59%	N/A
SunGuide SM Software	100%	N/A
CCTV	92.85%	N/A
DMS	96.65%	N/A
Detectors	91.54%	N/A
TMC Systems (non-critical)	98.36%	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.