

ITS Operations Summary Report – December 2014

Milestones:

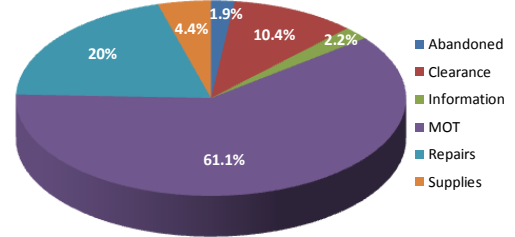
- Executed new Rapid Incident Scene Clearance (RISC) contracts with three vendors.
- Completed the installation of redundant email server system at the Network Access Point of America (NAP).
- Supported and coordinated special events: Toys in the Sun Run 2014 and Art Basel (including Shuttle Special Use Lanes).
- Coordinated with Project Managers and CEI for various construction closures, creating and approving all dynamic message signs pre-event and construction messaging plans for: 95 Express Phase 2, I-95 Pavement rehabilitation (multiple projects), SR 826/SR 836 interchange reconstruction, 95 Express delineator maintenance, US-1 Florida Keys construction (multiple projects), and I-75/SR 826 Express.

Event Summary:

Statistics	December 2014	FY 13/14 Avg.
Total Number of Events	3,912	3,555
Total Number of Lane Blockage Events	1,489	1,220
Average Lane Blockage Duration*	0:30:30	0:27:58
Total Number of Road Ranger Responses	3,720	3,466
Total Number of Road Ranger Activities	6,801	6,424

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

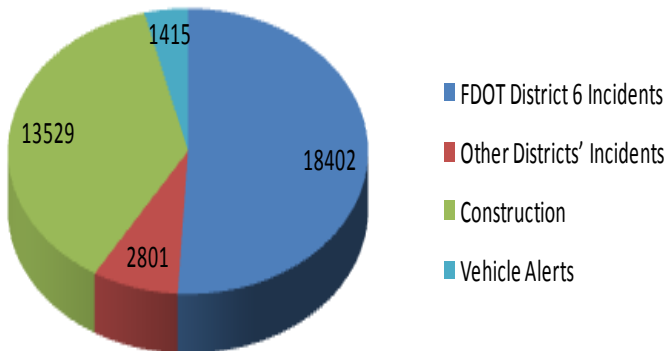
Road Ranger Activities by Type



Traveler Information: There were 60,483 calls from SE Florida to the Statewide 511 system for the month of December 2014.

DMS Message by Type

(Total DMS Messages = 36,147)



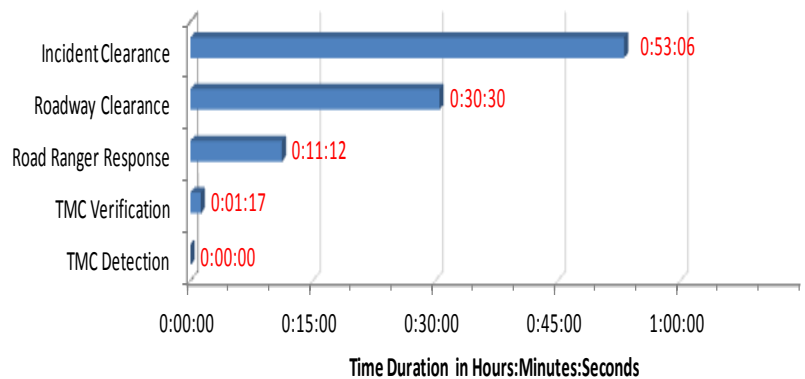
Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1700	6487	98.82%
95 Express	4	503	1788	99.40%
I-95 Arterial	8	1193	4528	98.55%
Golden Glades	5	1189	4565	99.03%
SR 826	12	1443	5485	99.24%
I-75	3	295	1367	99.96%
I-195	2	201	901	95.72%
I-195 Arterial	3	461	1950	98.88%
SR 826 Arterial	8	1004	3162	99.94%
I-395	2	465	1799	93.69%
US 1 Miami-Dade Co	5	288	1424	97.61%
US 1 S/ of Florida City	11	425	2691	95.22%
Total	73	9167	36147	98.13%

Note: DMS 15 is undergoing testing for Capital Improvement and is used periodically; messages posted on this device are not computed and system availability is not measured. DMS 2, DMS 3, DMS 6, DMS 109, DMS 110, DMS 111, and DMS 113 along I-95 (EL Phase 2 project) and two additional DMS along the SR 826 (Section 5 project) are operational and are still under warranty; system availability is not measured.

TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	December 2014	Target
DMS Efficiency	99.69%	>95%
TMC Operator Error Rate	0.45%	<0.59%
Road Ranger Dispatching Average	00:00:42	<0:02:00
Event Confirmation Average	00:01:17	<0:02:00
Time to Post DMS Average	00:02:19	<0:05:00
Agency Notification Average	00:02:12	<0:07:00



ITS Systems Availability (FDOT Non-Operational)

Subsystem	December 2014	Target
TMC Systems (critical)	99.95%	>99.90%
Video Wall	99.95%	N/A
SunGuide SM Software	99.98%	N/A
CCTV	93.66%	N/A
DMS	98.13%	N/A
Detectors	90.01%	N/A
TMC Systems (non-critical)	99.49%	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.

ISO: 60178093