

ITS Operations Summary Report – January 2015

Milestones:

- Supported District Six Secretary at 2015 Transportation Summit event.
- Coordinated with Project Managers and CEI for various construction closures : 95 Express Phase 2, I-95 Pavement Rehabilitation, SR 826/SR 836 Interchange Reconstruction, 95 Express Delineator Maintenance, US-1 Keys Construction (Multiple Projects), and I-75/SR 826 Express Lanes.
- Delivered training to incident responders based on Federal Highway Administration (FHWA) Strategic Highway Research Program (SHRP2) Responders Training.
- Supported Sun Life Stadium Event and updated Road Ranger Contract Manager Standard Operating Guidelines (SOG).

Event Summary:

Statistics	January 2015	FY 13/14 Avg.
Total Number of Events	3,908	3,555
Total Number of Lane Blockage Events	1,587	1,220
Average Lane Blockage Duration*	0:27:42	0:27:58
Total Number of Road Ranger Responses	3,615	3,466
Total Number of Road Ranger Activities	6,646	6,424

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

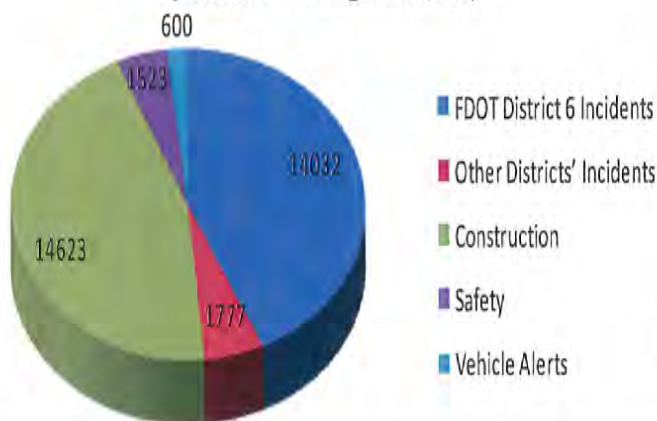
Road Ranger Activities by Type



Traveler Information: There were 56,433 calls from SE Florida to the Statewide 511 system for the month of January 2015.

DMS Message by Type

(Total DMS Messages = 32,555)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1,459	5,371	99.95%
95 Express	4	463	1,441	99.52%
I-95 Arterial	8	1,083	3,626	99.04%
Golden Glades	5	1,257	4,743	99.70%
SR 826	12	1,449	5,465	99.94%
I-75	3	258	1,159	100.00%
I-195	2	185	852	97.33%
I-195 Arterial	3	401	1,564	96.46%
SR 826 Arterial	8	1,024	3,426	100.00%
I-395	2	502	1,808	91.65%
US 1 Miami-Dade Co	5	280	1,290	97.20%
US 1 S/ of Florida City	11	352	1,810	94.40%
Total	73	8,713	32,555	98.15%

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.

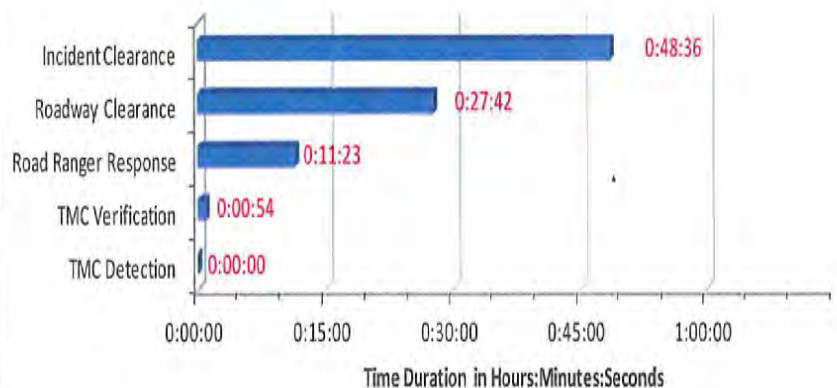
TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	Jan 2015	Target
DMS Efficiency	99.69%	>95%
TMC Operator Error Rate	0.42%	<0.59%
Road Ranger Dispatching Average	0:00:54	<0:02:00
Event Confirmation Average	0:00:54	<0:02:00
Time to Post DMS Average	0:02:08	<0:05:00
Agency Notification Average	0:02:09	<0:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	Jan 2015	Target
TMC Systems (critical)	99.99%	>99.90%
Video Wall	99.99%	N/A
SunGuide SM Software	99.90%	N/A
CCTV	93.68%	N/A
DMS	98.15%	N/A
Detectors	90.68%	N/A
TMC Systems (non-critical)	99.24%	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