

ITS Operations Summary Report – September 2015

Milestones:

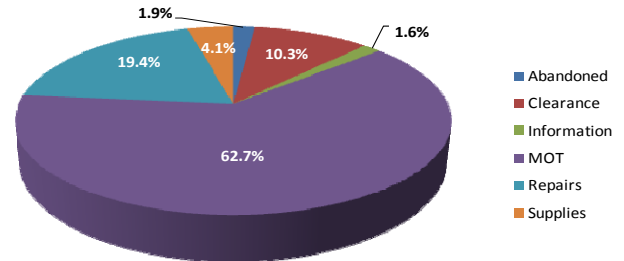
- Allocated space at the SunGuide TMC for a joint collaboration between FDOT and Miami-Dade County to monitor the US 1 corridor.
- Hosted 95 Express Customer Service Workshop; conducted joint Miami-Dade/Broward Traffic Incident Management (TIM) meeting.
- Guided the creation of the FL 511 95 Express Twitter feed; participated in FDOT's Work Program Meeting
- Created all pre-event and construction messaging plans for: 95 Express Phase 2, I-95 Pavement Rehabilitation Projects, SR 826/SR 836 Interchange Reconstruction, US-1 Keys Construction (Multiple Projects), I-75/SR 826 Express Lanes Project, and Long Key Bridge Construction.

Event Summary:

Statistics	September 2015	FY 14/15 Avg.
Total Number of Events	4,643	4,127
Total Number of Lane Blockage Events**	1,794	1,582
Average Lane Blockage Duration*	0:29:00	0:27:44
Total Number of Road Ranger Responses	4,797	3,879
Total Number of Road Ranger Activities	8,643	7,209

*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.
**SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

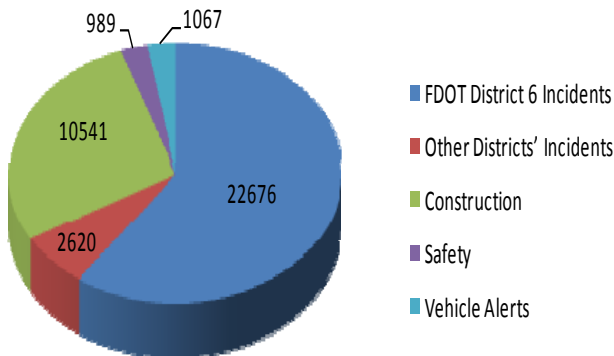
Road Ranger Activities by Type



Traveler Information: There were 54,188 calls from SE Florida to the Statewide 511 system for the month of September 2015.

DMS Message by Type

(Total DMS Messages = 37,893)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,032	7,531	99.99%
95 Express	6	735	2,493	98.26%
I-95 Arterial	8	979	3,151	99.21%
Golden Glades	5	1,365	4,756	100.00%
SR 826	12	1,520	6,288	99.26%
I-75	3	170	780	99.94%
I-195	2	239	1,072	98.80%
I-195 Arterial	3	356	1,757	97.54%
SR 826 Arterial	10	1,014	3,964	98.02%
I-395	2	512	1,749	95.59%
US 1 Miami-Dade Co	5	343	1,761	98.40%
US 1 S/ of Florida City	11	365	2,591	97.37%
Total	78	9,630	37,893	98.59%

Note: DMS 15, 43, 44, 68, 69, and 95XSBWN125ST0050 are undergoing Capital Improvement; messages posted on these devices are not computed and system availability is not measured. DMS 2, 3, 6, 109, 110, 111, 113, FLD6DOT095NB013.5-LL, FLD6DOT095NB014.8-EL, and FLD6DOT095SB014.6-EL along I-95 (EL Phase 2 project), 826SBNW103ST01 along SR 826 (I-75/SR 826 Express Lanes project), and four 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:

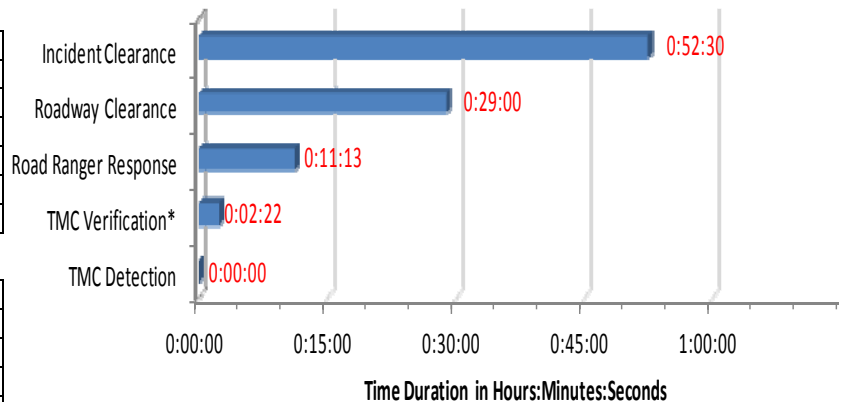
TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	September 2015	Target
DMS Efficiency	99.73%	>95%
TMC Operator Error Rate	0.49%	<0.59%
Road Ranger Dispatching Average	0:01:01	<0:02:00
Event Confirmation Average*	0:02:22	<0:02:00
Time to Post DMS Average	0:01:47	<0:05:00
Agency Notification Average	0:02:28	<0:07:00

*Event Confirmation was affected by failed ITS Devices within Construction projects.

ITS Systems Availability (FDOT Non-Operational)

Subsystem	September 2015	Target
TMC Systems (critical)	99.99%	>99.90%
Video Wall	99.97%	N/A
SunGuide SM Software	99.42%	N/A
CCTV	90.43%	N/A
DMS	98.59%	N/A
Detectors	86.19%	N/A
TMC Systems (non-critical)	95.80%	N/A



*TMC Verification was affected by failed ITS Devices within Construction projects

Note: Time Durations include FDOT D6 Managed Events Only and excludes roadway and special events. Road Ranger Response excludes Road Ranger detected events.

ISO: 60178093