



ITS Operations Summary Report – January 2016

Milestones:

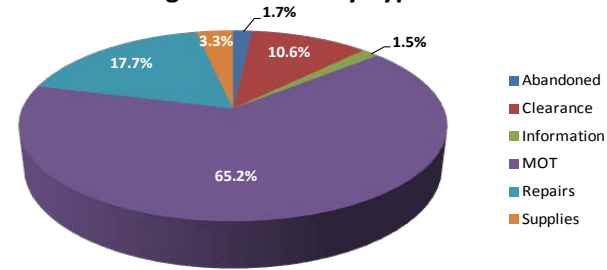
- Hosted 95 Express Customer Service Workshop; Supported District Two Tour and Express Lanes review
- Published FDOT's first-ever managed lane twitter handle on 95express.com; Implemented I-95 CCTV feeds on 95express.com
- Conducted and Supported Road Ranger and IRV Training
- Coordinated with Project Managers and CEI for various construction closures; 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, NW 25th Street Viaduct Project, and Long Key Bridge Construction.

Event Summary:

Statistics	January 2016	FY 14/15 Avg.
Total Number of Events	4,639	4,127
Total Number of Lane Blockage Events**	1,903	1,582
Average Lane Blockage Duration*	0:25:48	0:27:44
Total Number of Road Ranger Responses***	4,727	3,879
Total Number of Road Ranger Activities***	8,696	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 Response and Activities data is inconsistent due to a reporting upgrade.

Road Ranger Activities by Type



Traveler Information: There were 60,909 calls from SE Florida to the Statewide 511 system for the month of January 2016.

DMS Message by Type

(Total DMS Messages = 40,395)

1653	FDOT District 6 Incidents
3619	Other Districts' Incidents
9274	Construction
23462	Safety
2387	Vehicle Alerts

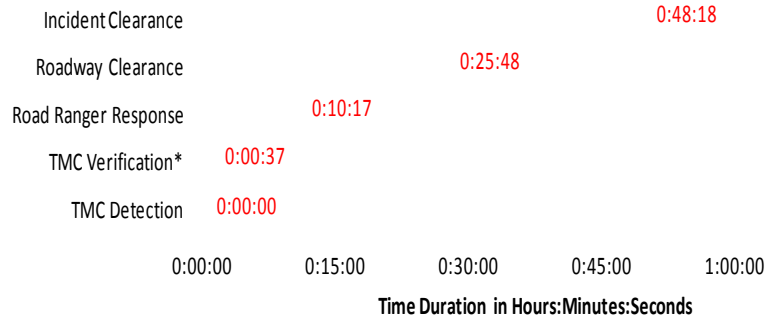
Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,163	7,203	100.00%
95 Express	6	929	3,033	99.70%
I-95 Arterial	8	1,164	3,784	99.07%
Golden Glades	5	1,235	3,934	99.84%
SR 826	12	1,351	5,199	98.61%
I-75	3	423	2,265	97.68%
I-195	2	220	876	100.00%
I-195 Arterial	3	397	1,478	99.33%
SR 826 Arterial	10	1,390	6,532	100.00%
I-395	2	546	1,639	96.94%
US 1 Miami-Dade Co	5	344	1,583	98.64%
US 1 S/ of Florida City	11	408	2,869	95.53%
Total	78	10,570	40,395	98.58%

Note: DMS 14, 15, 826/SBNW58ST01, 826/NBNW58ST01 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 FLD6DOT095NB014.6-EL along I-95 (EL Phase 2 project), 826/SBNW103ST01 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	January 2016	Target
DMS Efficiency	99.87%	>95%
TMC Operator Error Rate	0.45%	<0.59%
Road Ranger Dispatching Average	00:00:41	<0:02:00
Event Confirmation Average	00:00:37	<0:02:00
Time to Post DMS Average	00:01:53	<0:05:00
Agency Notification Average	00:01:57	<0:07:00



ITS Systems Availability (FDOT Non-Operational)

Subsystem	January 2016	Target
TMC Systems (critical)	99.99%	>99.90%
Video Wall	99.89%	N/A
SunGuide SM Software	99.97%	N/A
CCTV	94.11%	N/A
DMS	98.58%	N/A
Detectors	88.44%	N/A
TMC Systems (non-critical)	97.64%	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