

ITS Operations Summary Report – June 2016

Milestones:

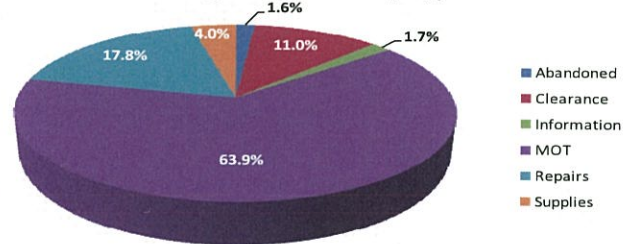
- Supported Media Event for 95 Express Safety Measures
- Coordinated and hosted tour for Florida Transportation Commission
- Supported Florida's Turnpike Enterprise and Miami-Dade Expressway Authority with deployment of Operator Task Manager (OTM) software
- Coordinated with Project Managers and CEI 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, and NW 25th Street Viaduct Project

Event Summary:

Statistics	June 2016	FY 14/15 Avg.
Total Number of Events	4,531	4,127
Total Number of Lane Blockage Events***	1,874	1,582
Average Lane Blockage Duration*	0:26:06	0:27:44
Total Number of Road Ranger Responses**	4,733	3,879
Total Number of Road Ranger Activities**	8,578	7,209

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

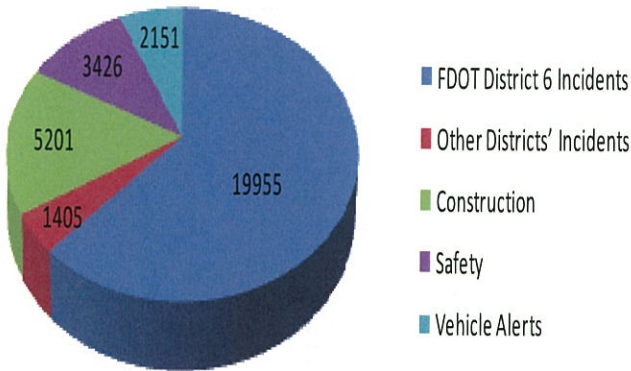
Road Ranger Activities by Type



Traveler Information: There were 44,067 calls from SE Florida to the Statewide 511 system for the month of June 2016.

DMS Message by Type

(Total DMS Messages = 32,138)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	1,923	5,536	99.92%
95 Express	6	780	2,204	99.85%
I-95 Arterial	8	1,134	2,950	99.72%
Golden Glades	5	854	2,466	99.90%
SR 826	12	1,795	5,878	97.53%
I-75	3	178	675	99.84%
I-195	2	189	715	100.00%
I-195 Arterial	3	303	999	99.97%
SR 826 Arterial	18	1,675	5,023	99.99%
I-395	2	510	1,238	97.77%
US 1 Miami-Dade Co	5	476	1,668	99.70%
US 1 S/ of Florida City	11	465	2,786	95.54%
Total	86	10,282	32,138	98.68%

Note: DMS 15, 43, 44, and 112 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 twelve additional DMS along the SR 826 (Section 5 project) are operational and are still under warranty; system availability is not measured.

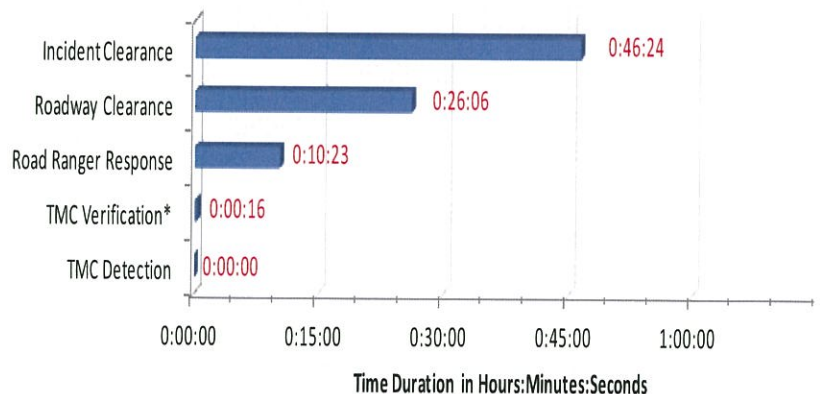
TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	June 2016	Target
DMS Efficiency	99.93%	>95%
TMC Operator Error Rate	0.36%	<0.59%
Road Ranger Dispatching Average	00:00:42	<0:02:00
Event Confirmation Average	00:00:16	<0:02:00
Time to Post DMS Average	00:02:10	<0:05:00
Agency Notification Average	00:02:48	<0:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	June 2016	Target
TMC Systems (critical)	99.99%	>99.90%
Video Wall	99.95%	N/A
SunGuide SM Software	89.18%	N/A
CCTV	92.24%	N/A
DMS	98.68%	N/A
Detectors	81.78%	N/A
TMC Systems (non-critical)	98.10%	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