

ITS Operations Summary Report – October 2014

Milestones:

- Coordinated and hosted SunGuide Transportation Management Center (TMC) tour for Miami-Dade Aviation Department.
- Supported, coordinated and hosted Federal Highway Administration (FHWA) SHRP2 training (Train-the-Trainer session).
- Completed the configuration, integration and testing of the backend of the SunGuide TMC Videowall.
- Evaluated posting and removal durations of events with FDOT attribution on the WAZE app.
- Coordinated and supported the addition of Road Rangers for the new I-95 Pavement Rehabilitation project.
- Awarded four Districtwide Rapid Incident Scene Clearance (RISC) contracts (to become effective 12/31/2014).

Event Summary:

Statistics	October 2014	FY 13/14 Avg.
Total Number of Events	4,416	3,555
Total Number of Lane Blockage Events	1,700	1,220
Average Lane Blockage Duration*	0:28:12	0:27:58
Total Number of Road Ranger Responses	4,260	3,466
Total Number of Road Ranger Activities	7,819	6,424

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

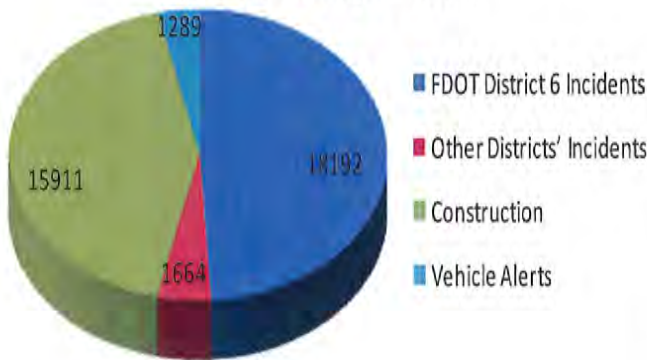
Road Ranger Activities by Type



Traveler Information: There were 64,441 calls from SE Florida to the Statewide 511 system for the month of October 2014.

DMS Message by Type

(Total DMS Messages = 37,056)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	2,153	7,136	100.00%
95 Express	4	633	1,857	99.05%
I-95 Arterial	8	1,378	4,450	95.63%
Golden Glades	5	1,366	4,293	99.24%
SR 826	12	1,680	5,752	100.00%
I-75	3	352	1,251	100.00%
I-195	2	228	847	99.83%
I-195 Arterial	3	451	1,531	97.42%
SR 826 Arterial	8	1,199	4,605	100.00%
I-395	2	493	1,714	93.75%
US 1 Miami-Dade Co	5	356	1,507	99.41%
US 1 S/ of Florida City	11	376	2,113	93.72%
Total	73	10,665	37,056	98.14%

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.

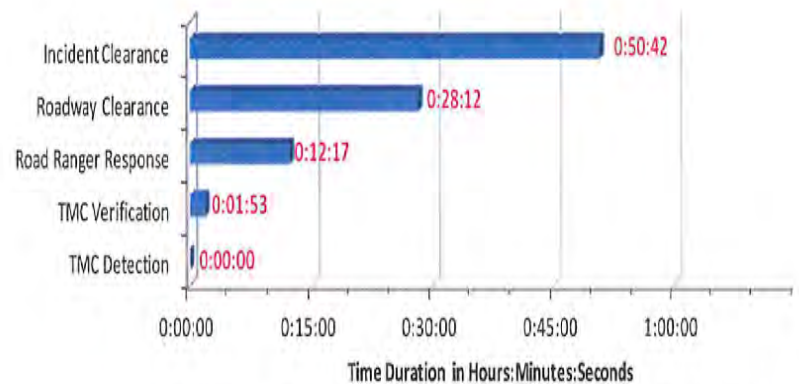
TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	October 2014	Target
DMS Efficiency	99.79%	>95%
TMC Operator Error Rate	0.41%	<0.59%
Road Ranger Dispatching Average	00:00:51	<0:02:00
Event Confirmation Average	00:01:53	<0:02:00
Time to Post DMS Average	00:02:13	<0:05:00
Agency Notification Average	00:02:11	<0:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	October 2014	Target
TMC Systems (critical)	99.99%	>99.90%
Video Wall	97.43%	N/A
SunGuide SM Software	99.55%	N/A
CCTV	93.19%	N/A
DMS	98.14%	N/A
Detectors	91.93%	N/A
TMC Systems (non-critical)	98.55%	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