



FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM ITS Operations Summary Report – August 2013



Milestones:

- Hosted media tours for NBC 6 – ITS Program and WSVN 7 – Back to School.
- Completed and submitted 2013 Miami-Dade Traffic Incident Management (TIM) Team Self Assessment.
- Coordinated construction DMS messaging plans with Project Managers and CEIs for various construction contracts: POMT, 95 Express Phase 2, 95 Express Delineator Maintenance, SR 826 / SR 836 (Section 5), Seven Mile Bridge Work, Alton Road Flyover, and Turnpike Spur (Toll Plaza).
- Completed Transportation Management Center (TMC) Storage Area Network (SAN) upgrade.

Event Summary

Statistics	August 2013	FY 12/13 Avg.
Total Number of Events	3,566	3,261
Total Number of Lane Blockage Events	1,193	1,106
Average Lane Blockage Duration*	0:29:30	0:29:12
Total Number of Road Ranger Responses	3,668	3,213
Total Number of Road Ranger Activities	6,820	5,889

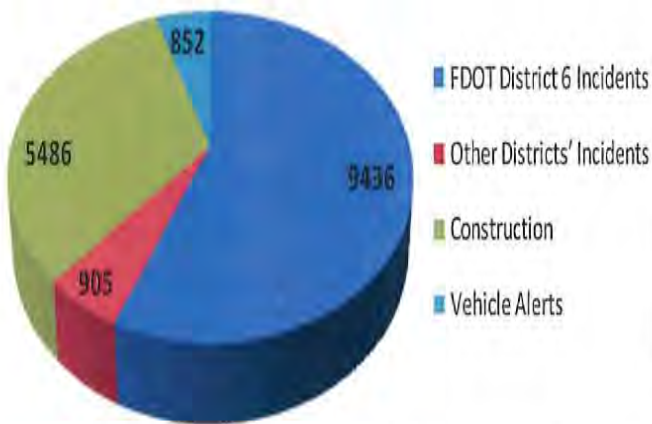
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.

Road Ranger Activities by Type



Traveler Information: There were 49,989 calls from SE Florida to the Statewide 511 system for the month of August 2013.

DMS Message by Type (Total DMS Messages = 16,679)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1,012	2,854	99.41%
95 Express	4	366	1,313	94.61%
I-95 Arterial	8	978	2,355	93.17%
Golden Glades	5	861	2,247	99.10%
SR 826	12	1,034	2,828	99.72%
I-75	3	219	539	99.99%
I-195	3	21	47	50.00%
I-195 Arterial	3	107	316	98.10%
SR 826 Arterial	8	765	1,896	98.82%
I-395	2	280	944	99.52%
US 1 Miami-Dade Co	5	168	853	99.94%
US 1 S/ of Florida City	11	189	487	98.39%
Total	74	6,000	16,679	96.67%

Note: DMS 74, DMS 76, DMS 77, DMS 105, and DMS FLD6DOTSW24EB004.9-A are undergoing testing for Capital Improvement and are used periodically. Two additional DMS along the SR 826 Section 5 project became operational and are still under warranty. System availability is not measured for these devices.

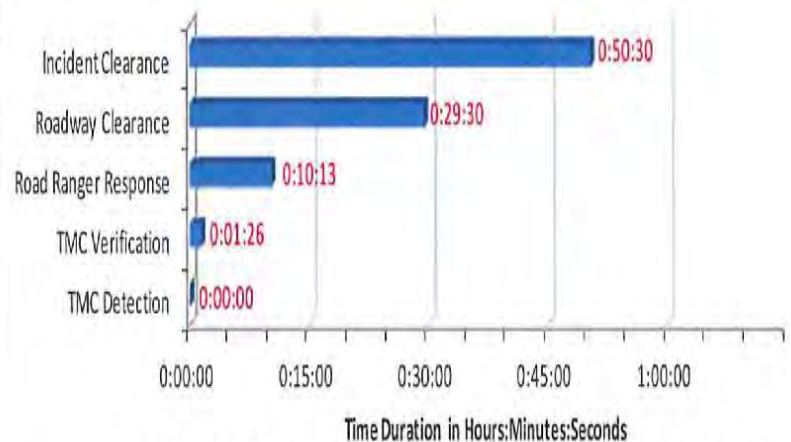
TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	Aug. 2013	Target
DMS Efficiency	99.80%	>95%
TMC Operator Error Rate	0.36%	<0.59%
Road Ranger Dispatching Average	0:00:42	<0:02:00
Event Confirmation Average	0:01:26	<0:02:00
Time to Post DMS Average	0:03:05	<0:05:00
Agency Notification Average	0:01:38	<0:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	Aug. 2013	Target
TMC Systems (critical)	99.99%	>99.90%
Video Wall	97.22%	N/A
SunGuide SM Software	99.44%	N/A
CCTV	97.12%	N/A
DMS	96.67%	N/A
Detectors	91.60%	N/A
TMC Systems (non-critical)	99.55%	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