



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



Milestones:

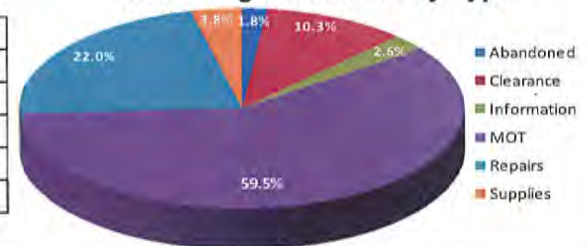
- Hosted joint Miami-Dade / Broward Traffic Incident Management (TIM) meeting and supported various Sun Life Stadium events.
- Granted interviews for 95 Express to NBC 6 (English) and Telemundo 51 (Spanish).
- Coordinated construction DMS messaging plans with Project Managers and CEIs for various construction contracts: SR 826 / SR 836 (Section 5), I-95 Pavement Rehabilitation, POMT – Express Lanes Closure (New Signage), and MDX Project (SR 112 ORT Off-System Signing).
- Coordinated with contractor for I-95 Pavement Rehabilitation project regarding Incident Management (IM) services.

Event Summary:

Statistics	September 2013	FY 12/13 Avg.
Total Number of Events	3,488	3,261
Total Number of Lane Blockage Events	1,154	1,106
Average Lane Blockage Duration*	0:27:48	0:29:12
Total Number of Road Ranger Responses	3,447	3,213
Total Number of Road Ranger Activities	6,446	5,889

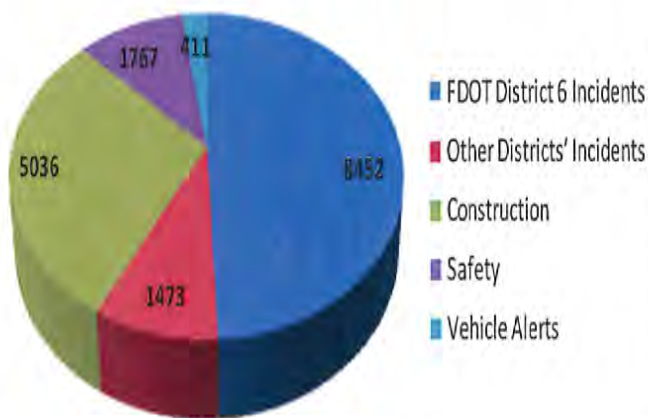
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.

Road Ranger Activities by Type



Traveler Information: Call volume from SE Florida to the Statewide 511 system is unavailable due to a reported website failure.

DMS Message by Type (Total DMS Messages = 17,139)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1,031	3,063	99.88%
95 Express	4	330	798	97.49%
I-95 Arterial	8	1,077	3,224	98.56%
Golden Glades	5	988	2,920	100.00%
SR 826	12	1,130	2,939	99.97%
I-75	3	233	644	99.93%
I-195	3	26	124	100.00%
I-195 Arterial	3	120	286	99.85%
SR 826 Arterial	8	659	1,323	99.43%
I-395	2	248	575	99.76%
US 1 Miami-Dade Co	5	162	459	99.69%
US 1 S/ of Florida City	11	215	784	98.66%
Total	74	6,219	17,139	99.33%

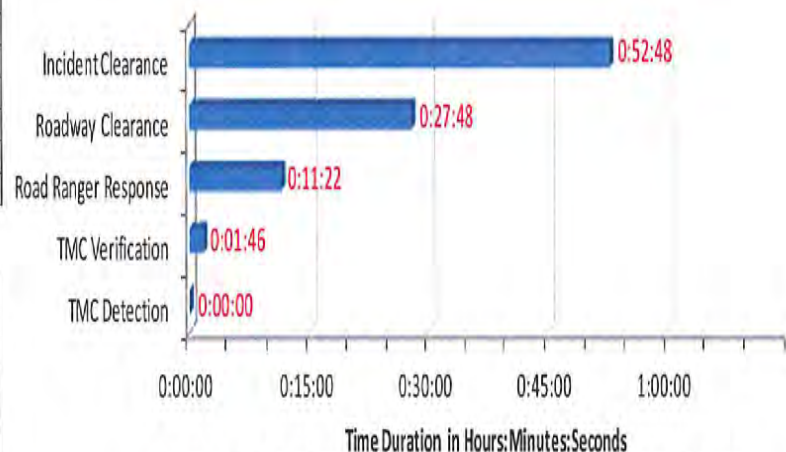
Note: DMS 74, DMS 76, DMS 77, DMS 103, and DMS 105 are undergoing testing for Capital Improvement and are used periodically.

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	Sept. 2013	Target
DMS Efficiency	100%	>95%
TMC Operator Error Rate	0.27%	<0.59%
Road Ranger Dispatching Average	0:00:44	<0:02:00
Event Confirmation Average	0:01:46	<0:02:00
Time to Post DMS Average	0:02:23	<0:05:00
Agency Notification Average	0:01:31	<0:07:00



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

ITS Systems Availability (FDOT Non-Operational)

Subsystem	Sept. 2013	Target
TMC Systems (critical)	99.98%	>99.90%
Video Wall	95.86%	N/A
SunGuide SM Software	98.64%	N/A
CCTV	96.16%	N/A
DMS	99.33%	N/A
Detectors	92.48%	N/A
TMC Systems (non-critical)	98.97%	N/A