

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

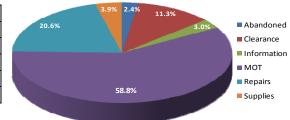


#### **Milestones:**

- Coordinated and supported the following Special Events: Nautical Flea Market, Sony Open Tennis Tournament, and Ultra Music Festival.
- Coordinated with Project Managers and CEI staff for various on-going construction projects: EL Phase 2, SR 826 / SR 836, I-75, I-395, and POMT.
- Presented a tour for District Four Directors and Managers regarding 95 Express operations, and supported a presentation for I-75 / Palmetto Express Lanes Project.
- Supported public launch of redesigned 95 Express website, and completed domain change from <u>SunGuide.org</u> to <u>SunGuide.info</u>.
- Coordinated and attended Fire Hydrant Signage meetings with Miami-Dade Fire Rescue and City of Miami Fire Rescue.
- Completed ITS Wide Area Network (WAN) IP addressing compliance for CCTV cameras.

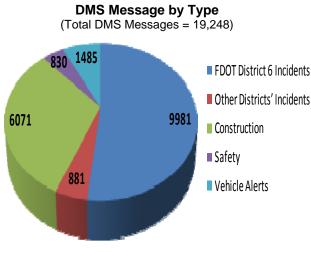
Event Summary		
Statistics	March 2013	FY 11/12 Avg.
Total Number of Events	3,388	3,325
Total Number of Lane Blockage Events	1,161	1,080
Average Lane Blockage Duration*	0:29:00	0:27:33
Total Number of Road Ranger Responses	3,256	3,240
Total Number of Road Ranger Activities	6,031	5,934
*Includes roadways with Road Ranger coverage and exclu	des roadwork related even	ts and special events

#### Road Ranger Activities by Type



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

Traveler Information: There were 71,318 calls from Southeast Florida to the Statewide 511 system for the month of March 2013.



	Roadway	# of DMS	# of Activations	# of Messages	Availability
	I-95 Mainline	10	1,013	3,192	88.70%
	95 Express	4	389	1,158	99.76%
	I-95 Arterial	8	976	3,022	99.18%
ts	Golden Glades	5	678	2,021	99.90%
	SR 826	12	1,001	3,337	99.16%
ts	I-75	3	248	900	99.93%
	I-195	3	135	421	N/A
	I-195 Arterial	3	123	354	98.44%
	SR 826 Arterial	8	699	2,068	99.46%
	I-395	2	331	1,062	99.36%
	US 1 Miami-Dade Co	5	183	751	100.00%
	US 1 S/ of Florida City	11	212	962	99.35%
	Total	74	5,988	19,248	97.78%

*Note:* DMS 6, DMS 23, DMS 57, DMS 61, DMS 103, and DMS 105 are undergoing testing for Capital Improvement and are used periodically.

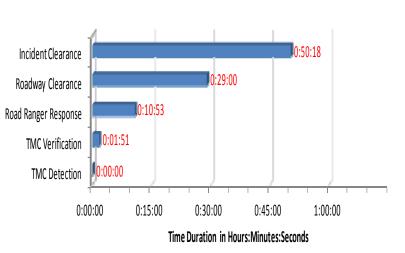
Two additional DMS along the SR 826 Section 5 project became operational and are still under warranty. System availability is not measured for these devices.

## TMC Operations and Maintenance: TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	Mar. 2013	Target
DMS Efficiency	99.80%	>95%
TMC Operator Error Rate	0.34%	<0.59%
Road Ranger Dispatching Average	0:00:43	<0:02:00
Event Confirmation Average	0:01:51	<0:02:00
Time to Post DMS Average	0:02:15	<0:05:00
Agency Notification Average	0:01:20	<0:07:00

### ITS Systems Availability (FDOT Non-Operational)

Subsystem	Mar. 2013	Target
TMC Systems (critical)	100%	>99.90%
Video Wall	99.87%	N/A
SunGuide <sup>SM</sup> Software	100%	N/A
CCTV	95.42%	N/A
DMS	97.78%	N/A
Detectors	91.95%	N/A
TMC Systems (non-critical)	98.07%	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.