

ITS Operations Summary Report – May 2014

Milestones:

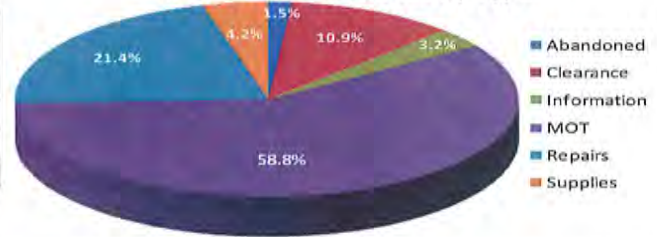
- Hosted tour for Mayor of Homestead.
- Coordinated radio interviews for WLRN – 95 Express Operations.
- Attended and presented at May 28 CTAC Meeting (Incident Management).
- Configured SunGuide Software to support Port Miami Tunnel operations (be able to disseminate information via DMS).
- Coordinated efforts with FHP and other Agencies regarding copper theft.
- Completed migration of ITS devices north of the Whatley Hub to the 95 Express Phase 2.

Event Summary:

Statistics	April 2014	FY 12/13 Avg.
Total Number of Events	3,676	3,261
Total Number of Lane Blockage Events	1,269	1,106
Average Lane Blockage Duration*	0:27:42	0:29:12
Total Number of Road Ranger Responses	3,528	3,213
Total Number of Road Ranger Activities	6,472	5,889

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

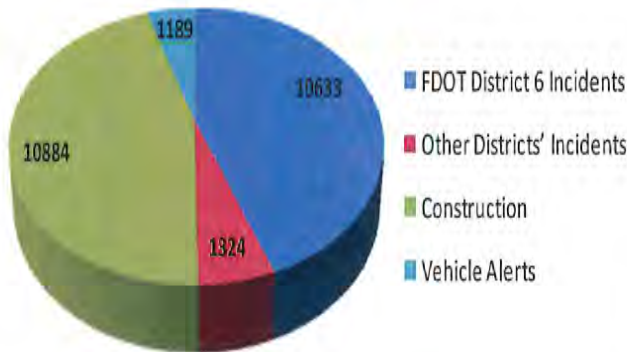
Road Ranger Activities by Type



Traveler Information: There were 54,090 calls from SE Florida to the Statewide 511 system for the month of May 2014.

DMS Message by Type

(Total DMS Messages = 24,030)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1186	3809	97.93%
95 Express	4	513	1582	99.67%
I-95 Arterial	8	1335	5189	94.25%
Golden Glades	5	1140	3954	99.31%
SR 826	12	1183	3656	99.43%
I-75	3	224	683	100.00%
I-195	3	32	82	100.00%
I-195 Arterial	3	328	1189	99.81%
SR 826 Arterial	8	739	1740	99.98%
I-395	2	379	1103	98.96%
US 1 Miami-Dade Co	5	114	270	100.00%
US 1 S/ of Florida City	11	281	773	99.81%
Total	74	7454	24030	98.96%

Note: DMS 15, DMS 23, DMS 74, DMS 76, DMS 77, DMS 103, and DMS 105 are undergoing testing for Capital Improvement and are used periodically; messages posted on these devices are not computed and system availability is not measured. DMS 75 along I-95 (DMS Replacement project), DMS 2, DMS 3, DMS 110 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.

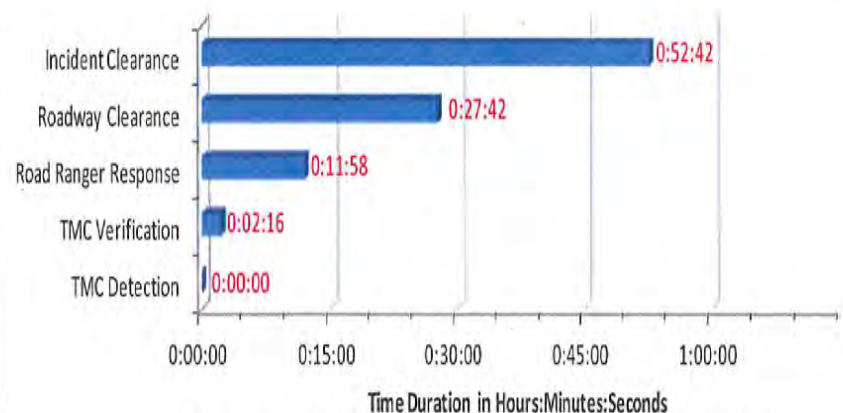
TMC Operations and Maintenance:

TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	Apr. 2014	Target
DMS Efficiency	99.81%	>95%
TMC Operator Error Rate	0.44%	<0.59%
Road Ranger Dispatching Average	0:00:46	<0:02:00
Event Confirmation Average	0:02:16	<0:02:00
Time to Post DMS Average	0:02:31	<0:05:00
Agency Notification Average	0:02:05	<0:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	Apr. 2014	Target
TMC Systems (critical)	99.98%	>99.90%
Video Wall	97.43%	N/A
SunGuide SM Software	99.47%	N/A
CCTV	97.02%	N/A
DMS	98.96%	N/A
Detectors	92.25%	N/A
TMC Systems (non-critical)	99.65%	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