

ITS Operations Summary Report – July 2014

Milestones:

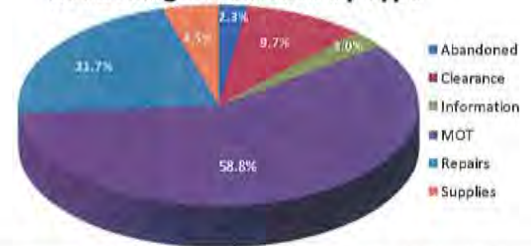
- Met with D4 Maintenance Office to discuss 95 Express Phase 2 Incident Management; finalized and submitted 95 Express Phase 2 Incident Management Plan.
- Coordinated and hosted tours for: Mini-Max 94, FDOT's Finance Department, and FIU's Summer Exchange Program with Georgia Tech University.
- Completed semi-annual Network Access Point (NAP) of Americas testing and completed cut over to new 511 connection to ITS WAN.
- Participated at FHWA's National Summer Transportation Institute Presentation at FIU Engineering Campus
- Coordinated with Project Managers and CEI for various construction related closures: Port of Miami Tunnel, 95 Express Phase 2, I-95 Pavement Rehabilitation, SR 826/SR 836 Interchange Reconstruction, US-1 Keys Construction, GGI Park and Ride Bridge Rehabilitation, and I-75/SR 826 Express Lanes Project.

Event Summary:

Statistics	July 2014	FY 12/13 Avg.
Total Number of Events	4,081	3,261
Total Number of Lane Blockage Events	1,289	1,106
Average Lane Blockage Duration*	0:33:54	0:29:12
Total Number of Road Ranger Responses	3,117	3,213
Total Number of Road Ranger Activities	7,249	5,889

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

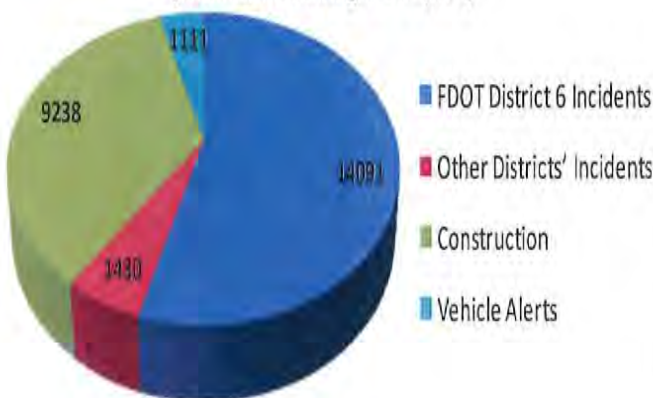
Road Ranger Activities by Type



Traveler Information: There were 54,711 calls from SE Florida to the Statewide 511 system for the month of July 2014.

DMS Message by Type

(Total DMS Messages = 25,870)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1,595	5,043	97.51%
95 Express	4	520	1,523	99.42%
I-95 Arterial	8	1,218	3,988	94.84%
Golden Glades	5	1,180	3,481	99.94%
SR 826	12	1,238	3,692	99.69%
I-75	3	276	862	98.81%
I-195	2	182	555	100.00%
I-195 Arterial	3	270	974	99.89%
SR 826 Arterial	8	714	2,328	100.00%
I-395	2	326	1,043	97.61%
US I Miami-Dade Co	5	246	927	100.00%
US I S/ of Florida City	11	287	1,454	98.72%
Total	73	8,052	25,870	98.99%

Note: DMS 15 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, DMS 74, DMS 76, DMS 77, along I-95, and DMS 105 on I-195 (DMS Replacement project), 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	July 2014	Target
DMS Efficiency	99.72%	>95%
TMC Operator Error Rate	0.36%	<0.59%
Road Ranger Dispatching Average	0:00:42	<0:02:00
Event Confirmation Average	0:01:17	<0:02:00
Time to Post DMS Average	0:02:20	<0:05:00
Agency Notification Average	0:02:04	<0:07:00

ITS Systems Availability (FDOT Non-Operational)

Subsystem	July 2014	Target
TMC Systems (critical)	99.98%	>99.90%
Video Wall	97.36%	N/A
SunGuide SM Software	99.71%	N/A
CCTV	91.67%	N/A
DMS	98.99%	N/A
Detectors	91.58%	N/A
TMC Systems (non-critical)	98.44%	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