ITS Operations Summary Report – September 2014

Milestones:

- Hosted and coordinated Gwinnett County tour
- Completed the initial implementation of WAZE
- Developed all test plans and completed testing for 95 Express Phase II software (stages 1 and 2)
- Developed standard operating guidelines for 95 Express Phase II software (stages 1 and 2) and provided training to TMC operations staff
- Conducted final training for TMC Connect software for Broward County Transit
- Coordinated new incident management (IM) services with CEI and contractor for new I-95 concrete pavement rehabilitation job

Event Summary:

Statistics	September 2014	FY 13/14 Avg.
Total Number of Events	3,937	3,555
Total Number of Lane Blockage Events	1,362	1,220
Average Lane Blockage Duration*	0:26:42	0:27:58
Total Number of Road Ranger Responses	3,893	3,466
Total Number of Road Ranger Activities	7,106	6,424

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

Road Ranger Activities by Type

- Abandoned
- Clearance
- Information
- MOT
- Repairs
- Supplies

2.4%, 3.9%, 10.4%, 2.8%, 20.6%, 59.9%
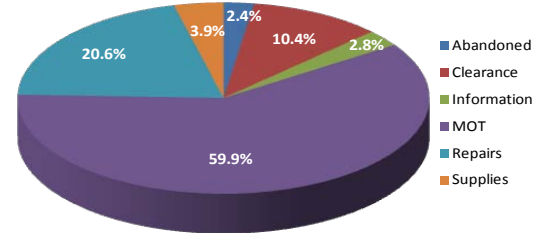
Traveler Information:

There were 54,321 calls from SE Florida to the Statewide 511 system for the month of September 2014.

DMS Message by Type
(Total DMS Messages = 31,195)

8622
425
1650
20498

FDOT District 6 Incidents
Other Districts' Incidents
Construction
Vehicle Alerts

Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	1,668	6,025	100.00%
95 Express	4	478	1,668	98.78%
I-95 Arterial	8	1,131	4,121	89.88%
Golden Glades	5	1,037	3,789	99.78%
SR 826	12	1,277	4,686	99.95%
I-75	3	276	1,093	100.00%
I-195	2	173	812	100.00%
I-195 Arterial	3	286	1,456	99.66%
SR 826 Arterial	8	752	3,014	100.00%
I-395	2	337	1,217	92.29%
US 1 Miami-Dade Co	5	265	1,317	100.00%
US 1 S/ of Florida City	11	268	1,997	95.45%
Total	**73**	**7,948**	**31,195**	**98.20%**

Note: DMS 15 is undergoing testing for Capital Improvement and is used periodically; messages posted on this device are not computed and system availability is not measured. 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	September 2014	Target
DMS Efficiency	99.91%	>95%
TMC Operator Error Rate	0.46%	<0.59%
Road Ranger Dispatching Average	00:00:42	<0:02:00
Event Confirmation Average	00:01:49	<0:02:00
Time to Post DMS Average	00:02:20	<0:05:00
Agency Notification Average	00:02:03	<0:07:00
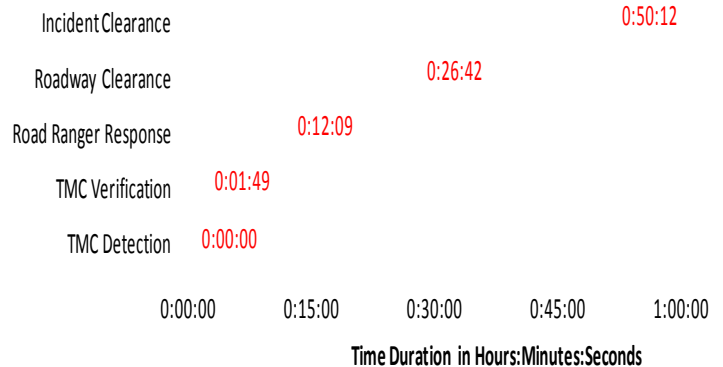
ITS Systems Availability (FDOT Non-Operational)

Subsystem	September 2014	Target
TMC Systems (critical)	99.98%	>99.90%
Video Wall	97.42%	N/A
SunGuide℠ Software	99.84%	N/A
CCTV	93.86%	N/A
DMS	98.20%	N/A
Detectors	91.53%	N/A
TMC Systems (non-critical)	98.23%	N/A

Incident Clearance — 0:50:12
Roadway Clearance — 0:26:42
Road Ranger Response — 0:12:09
TMC Verification — 0:01:49
TMC Detection — 0:00:00

0:00:00   0:15:00   0:30:00   0:45:00   1:00:00

Time Duration in Hours:Minutes:Seconds

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