

# ITS Operations Summary Report – January 2014

## Milestones:

- Coordinated I-95 related interviews with WLRN, granted interview to Sun-Sentinel for 95 Express, and supported stadium events (Orange Bowl).
- Developed and presented existing 95 Express Phase 1 Incident Management Plan to Broward County responders.
- Completed FDOT ITS Yearly Asset Management Inventory.
- Coordinated with Project Managers and CEI for various construction-related closures: POMT, 95 Express Phase 2, I-95 Pavement Rehabilitation, MDX Sign Replacement, SR 826 / SR 836 Interchange Reconstruction, SR 826 at NW 25 Street, and US-1 Florida Keys (multiple projects).
- Created training for 511 iPhone App download, installation, set up, and navigation.

## Event Summary:

Statistics	January 2014	FY 12/13 Avg.
Total Number of Events	3,445	3,261
Total Number of Lane Blockage Events	1,173	1,106
Average Lane Blockage Duration*	0:27:18	0:29:12
Total Number of Road Ranger Responses	3,391	3,213
Total Number of Road Ranger Activities	6,259	5,889

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

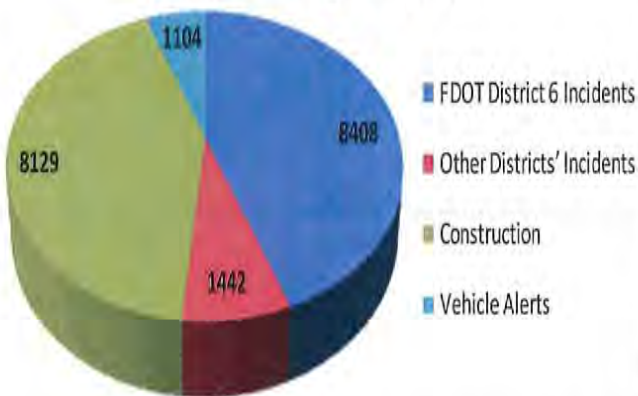
## Road Ranger Activities by Type



**Traveler Information:** There were 63,266 calls from SE Florida to the Statewide 511 system for the month of January 2014.

## DMS Message by Type

(Total DMS Messages = 19,083)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	10	969	2,795	99.92%
95 Express	4	382	1,023	99.85%
I-95 Arterial	8	1,147	3,987	98.46%
Golden Glades	5	966	2,995	99.92%
SR 826	12	1,124	3,074	100.00%
I-75	3	245	640	99.47%
I-195	3	17	45	99.18%
I-195 Arterial	3	210	587	100.00%
SR 826 Arterial	8	613	1,378	100.00%
I-395	2	334	939	99.53%
US 1 Miami-Dade Co	5	202	702	100.00%
US 1 S/ of Florida City	11	221	918	98.46%
<b>Total</b>	<b>74</b>	<b>6,430</b>	<b>19,083</b>	<b>99.49%</b>

Note: 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. Two additional DMS along the SR 826 Section 5 project are operational and are still under warranty; system availability is not measured.

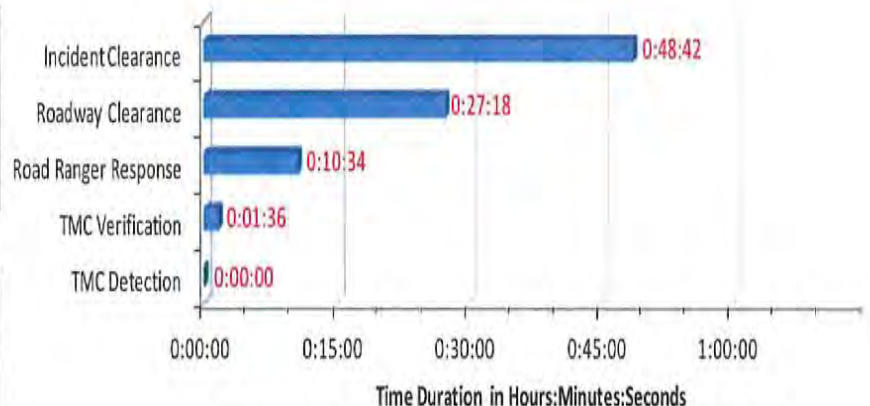
## TMC Operations and Maintenance:

### TMC Operations (Travel Lane Blocking Events Only)

Performance Measure	Jan. 2014	Target
DMS Efficiency	99.51%	>95%
TMC Operator Error Rate	0.44%	<0.59%
Road Ranger Dispatching Average	0:00:45	<0:02:00
Event Confirmation Average	0:01:36	<0:02:00
Time to Post DMS Average	0:02:34	<0:05:00
Agency Notification Average	0:01:41	<0:07:00

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

Subsystem	Jan. 2014	Target
TMC Systems (critical)	99.97%	>99.90%
Video Wall	96.98%	N/A
SunGuide <sup>SM</sup> Software	99.84%	N/A
CCTV	97.67%	N/A
DMS	99.49%	N/A
Detectors	91.93%	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.

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