

# ITS Operations Summary Report – June 2015

## Milestones:

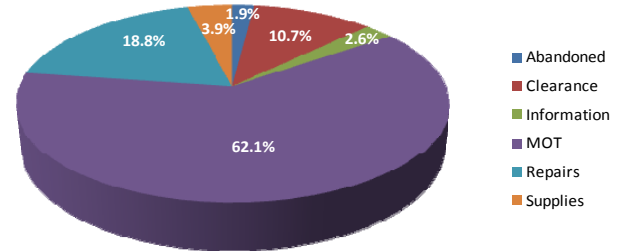
- Supported 95 Express Phases 2 Plastic Pole Installations and Media Outreach.
- Hosted TMC Tour for “FDOT Days” Event.
- Conducted First Monroe County Traffic Incident Management (TIM) FHWA SHRP2 Responder Training.
- Coordinated with Project Managers and CEI for various construction closures; Created all pre-event and construction messaging plans for: 95 Express Phase 2, I-95 Pavement Rehabilitation Projects, SR 826/SR 836 Interchange Reconstruction, US-1 Keys Construction (Multiple Projects), I-75/SR 826 Express Lanes Project, and Long Key Bridge Construction.

## Event Summary:

Statistics	June 2015	FY 13/14 Avg.
Total Number of Events	4,248	3,555
Total Number of Lane Blockage Events**	1,713	1,220
Average Lane Blockage Duration*	0:26:24	0:27:58
Total Number of Road Ranger Responses	4,115	3,466
Total Number of Road Ranger Activities	7,537	6,424

\*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.  
 \*\*SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

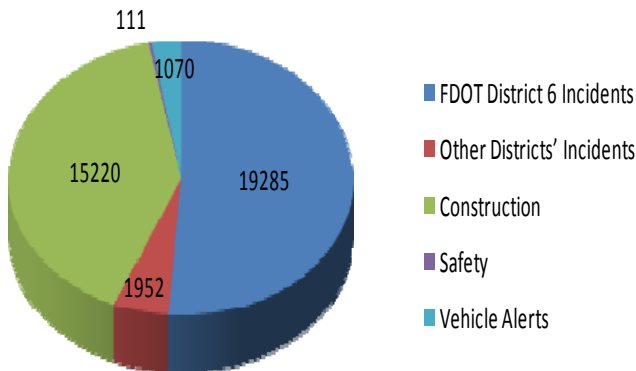
## Road Ranger Activities by Type



**Traveler Information:** There were 48,412 calls from SE Florida to the Statewide 511 system for the month of June 2015.

## DMS Message by Type

(Total DMS Messages = 37,638)



Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	2,135	8,030	95.49%
95 Express	6	688	2,128	98.82%
I-95 Arterial	8	1,016	3,822	88.66%
Golden Glades	5	1,219	4,526	96.92%
SR 826	12	1,451	5,917	98.90%
I-75	3	316	1,589	98.19%
I-195	2	254	1,127	100.00%
I-195 Arterial	3	449	2,185	100.00%
SR 826 Arterial	10	1,072	3,642	98.98%
I-395	2	471	1,662	93.51%
US 1 Miami-Dade Co	5	274	1,231	97.70%
US 1 S/ of Florida City	11	276	1,779	93.71%
<b>Total</b>	<b>78</b>	<b>9,621</b>	<b>37,638</b>	<b>96.58%</b>

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, 3, 6, 109, 110, 111, 113, FLD6DOT095NB013.5-LL, FLD6DOT095NB014.8-EL, and FLD6DOT095NB014.6-EL along I-95 (EL Phase 2 project) and four additional DMS along the SR 826 (Section 5 project) are operational and are still under warranty; system availability is not measured.

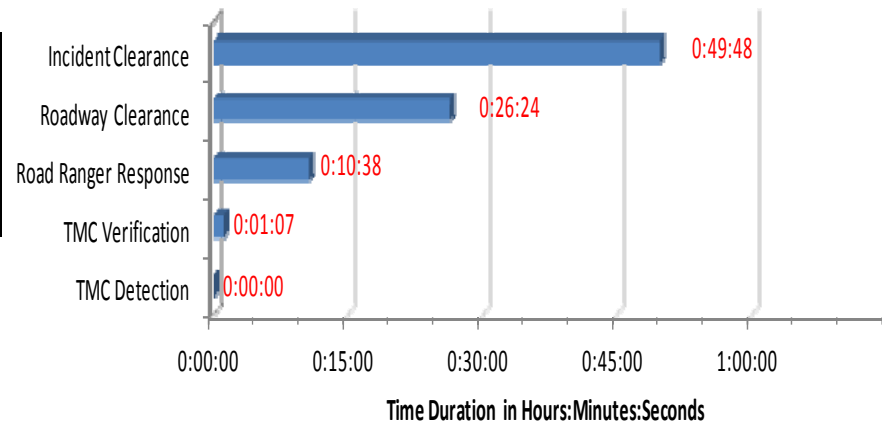
## TMC Operations and Maintenance:

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

Performance Measure	June 2015	Target
DMS Efficiency	99.64%	>95%
TMC Operator Error Rate	0.62%	<0.59%
Road Ranger Dispatching Average	0:00:43	<0:02:00
Event Confirmation Average	0:01:07	<0:02:00
Time to Post DMS Average	0:02:00	<0:05:00
Agency Notification Average	0:02:25	<0:07:00

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

Subsystem	June 2015	Target
TMC Systems (critical)	99.96%	>99.90%
Video Wall	100%	N/A
SunGuide <sup>SM</sup> Software	98.68%	N/A
CCTV	90.95%	N/A
DMS	96.58%	N/A
Detectors	83.99%	N/A
TMC Systems (non-critical)	96.44%	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