## Milestones:

- Coordinated Los Angeles Metro 95 Express Lanes tour.
- Provided dynamic message sign (DMS) pre-event and construction messaging support for the following projects:
  - 95 Express Phase 2, southbound I-75 to southbound SR 826 ramp reconstruction, SR 826 Section 5, and SR 112 / I-195 interchange improvements.
- Supported and coordinated SunGuide Software 5.1 upgrade.
- Completed implementation of modified Express Lanes tolling procedure after reopening.

## Event Summary

| Statistics | March 2012 | FY 10/11 Avg. |
|---|---|---|
| Total Number of Events | 3,468 | 3,114 |
| Total Number of Lane Blockage Events | 1,156 | 837 |
| Average Lane Blockage Duration* | 00:25:24 | 00:27:42 |
| Total Number of Road Ranger Responses | 3,169 | 3,256 |
| Total Number of Road Ranger Activities | 5,821 | 5,802 |

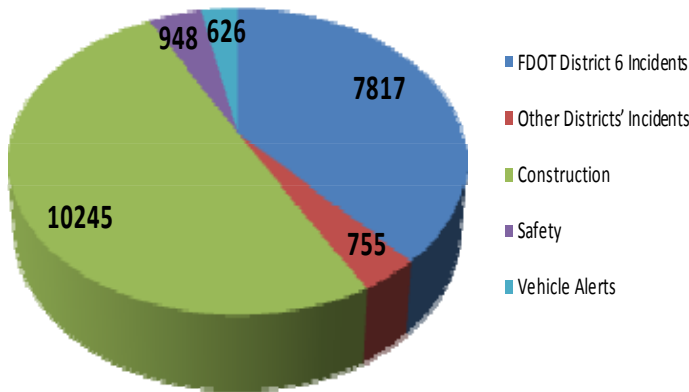*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.

### Road Ranger Activities by Type



Abandoned 2.4%, Clearance 11.1%, Information 4.6%, MOT 59.1%, Repairs 19.2%, Supplies 3.7%
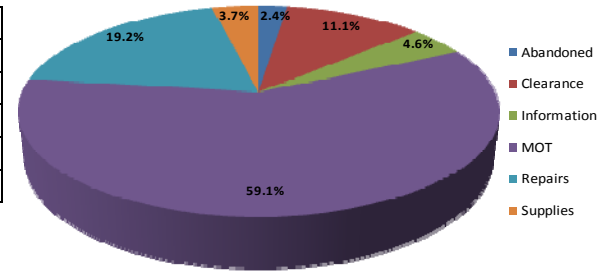
## Traveler Information:

There were 77,310 calls from Southeast Florida area codes to the Statewide 511 system for the month of March 2012.

### DMS Message by Type
(Total DMS Messages = 20,391)



- FDOT District 6 Incidents — 7817
- Other Districts' Incidents — 755
- Construction — 10245
- Safety — 948
- Vehicle Alerts — 626

| Roadway | # of DMS | # of Activations | # of Messages | Availability |
|---|---|---|---|---|
| I-95 Mainline | 10 | 1,234 | 3,460 | 98.69% |
| 95 Express | 4 | 322 | 1,222 | 100.00% |
| I-95 Arterial | 8 | 961 | 3,513 | 96.32% |
| Golden Glades | 5 | 757 | 4,330 | 100% |
| SR 826 | 10 | 766 | 2,184 | 99.86% |
| I-75 | 3 | 207 | 465 | 99.85% |
| I-195 | 3 | 382 | 900 | 99.71% |
| I-195 Arterial | 3 | 206 | 605 | 99.96% |
| SR 826 Arterial | 8 | 679 | 1,546 | N/A |
| I-395 | 2 | 313 | 677 | 100% |
| US 1 Miami-Dade Co | 5 | 265 | 734 | 100% |
| US 1 S/ of Florida City | 11 | 170 | 755 | 99.49% |
| **Total** | **72** | **6,272** | **20,391** | **99.18%** |

Note: DMS 17 and DMS 61 are undergoing testing for Capital Improvement and are used periodically. Nine additional DMS along the SR 826 Section 2 project became operational and are still under warranty. System availability is not measured for these devices.

## TMC Operations and Maintenance:

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

| Performance Measure | Mar. 2012 | Target |
|---|---|---|
| DMS Efficiency | 99.69% | >95% |
| TMC Operator Error Rate | 0.32% | <0.59% |
| Road Ranger Dispatching Average | 00:00:42 | <00:02:00 |
| Event Confirmation Average | 00:01:38 | <00:02:00 |
| Time to Post DMS Average | 00:02:31 | <00:05:00 |
| Agency Notification Average | 00:01:16 | <00:07:00 |
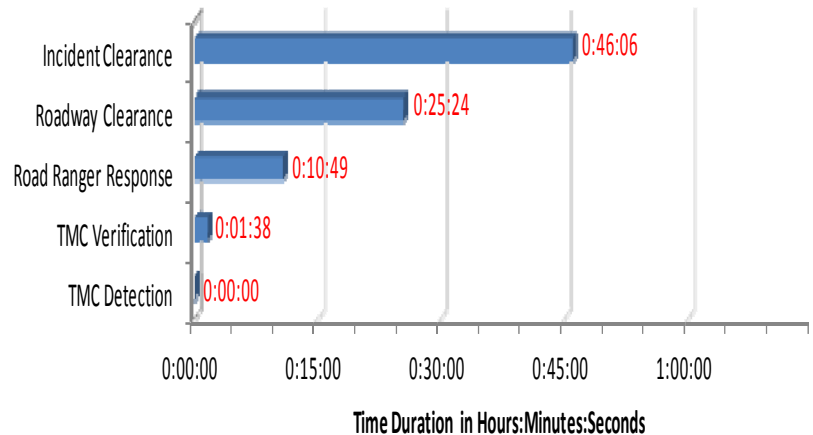
### ITS Systems Availability (FDOT Non-Operational)

| Subsystem | Mar. 2012 | Target |
|---|---|---|
| TMC Systems (critical) | 99.97% | >99.90% |
| Video Wall | 99.72% | N/A |
| SunGuide<sup>SM</sup> Software | 99.21% | N/A |
| CCTV | 97.66% | N/A |
| DMS | 99.18% | N/A |
| Detectors | 91.68% | N/A |
| TMC Systems (non-critical) | 96.71% | N/A |



- Incident Clearance: 0:46:06
- Roadway Clearance: 0:25:24
- Road Ranger Response: 0:10:49
- TMC Verification: 0:01:38
- TMC Detection: 0:00:00

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.