

ITS Operations Summary Report – February 2019

Milestones:

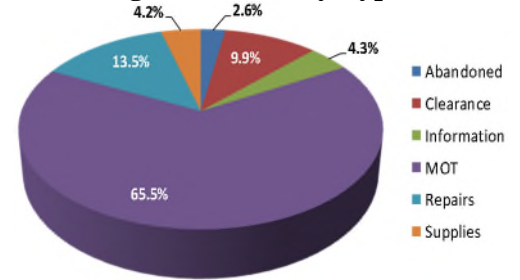
- Attended Safe Streets Summit hosted by Miami-Dade Transportation Planning Organization.
- Participated in Miami-Dade Transportation Planning Organization's Transportation Safety Fair.
- Special event coordination for Miami Boat Show, Coconut Grove Arts Festival, South Beach Wine & Food Festival.
- Coordinated with Project Managers and CEI for various construction closures. Created all pre-event and construction messaging plans for: I-75/SR 826 Express Lanes, I-95 Pavement Reconstruction, 95 Express Lane Marker Maintenance, DMS Retrofit and Warning Gates, and US-1 Keys Construction (Multiple Projects).

Event Summary:

Statistics	February 2019	FY 17/18 Avg.
Total Number of Events	4,776	4,628
Total Number of Lane Blockage Events***	1,828	1,854
Average Lane Blockage Duration*	0:24:18	0:26:31
Total Number of Road Ranger Responses**	5,334	4,691
Total Number of Road Ranger Activities**	9,472	8,615

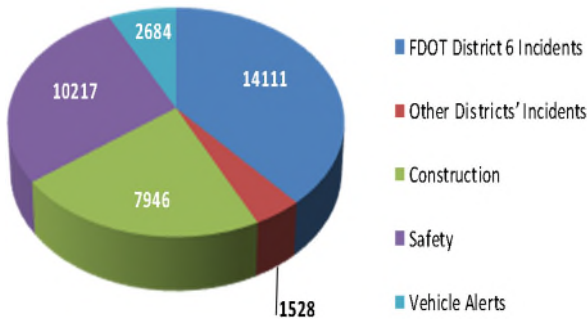
*Includes roadways with Road Ranger coverage and excludes roadwork related events and special events.
 **Road Ranger Response and Activities data is inconsistent due to a reporting upgrade.
 ***SunGuide event data is incorrect due to a software issue within the SunGuide Reporting Subsystem.

Road Ranger Activities by Type



DMS Message by Type

(Total DMS Messages = 36,486)

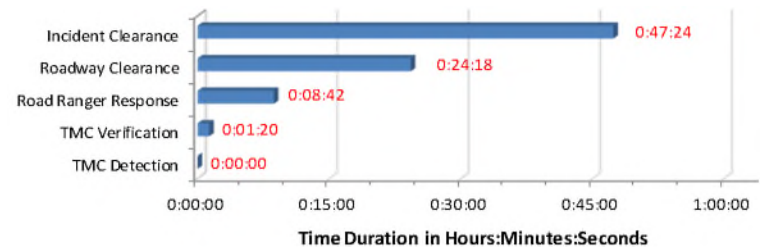


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	1,971	6,373	97.85%
95 Express	6	899	2,733	98.71%
I-95 Arterial	8	1,229	4,322	96.58%
Golden Glades	5	917	3,068	90.27%
SR 826	12	1,521	4,687	98.75%
I-75	4	431	1,364	93.70%
I-195	2	227	862	99.83%
I-195 Arterial	3	306	1,644	99.80%
SR 826 Arterial	18	2,054	6,690	95.79%
I-395	2	608	1,700	98.40%
US 1 Miami-Dade Co	5	436	1,500	99.28%
US 1 S/ of Florida City	11	267	1,543	97.65% †
Total	87	10,866	36,486	97.08%

Maintenance and TMC Operations:

ITS Systems Availability (FDOT Non-Operational)

Subsystem	February 2019	Target
TMC Systems (critical)	99.98%	>99.90%
TMC Systems (non-critical)	99.38%	≥98.00%
www.sunguide.info	100.00%	≥98.00%
SunGuide® Software	99.41%	N/A
Video Wall	99.99%	N/A
Detectors	92.34%	N/A
CCTV†	82.57%	N/A
DMS†	97.08%	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.

TMC Operations †Does not include devices currently under repair due to Hurricane Irma

Performance Measure	Non-Toll General Use Lanes		Express Lanes	
	February 2019	Target	February 2019	Target
DMS Efficiency (Lane Blockage)	99.84%	≥95%	100.00%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.15	≤0.20	0.07	≤0.10
TMC Operator Error Rate (Non-lane Blockage)	0.06	≤0.20	0.04	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:32	≤0:02:00	0:00:19	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:34	≤0:02:00	0:00:37	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:49	≤0:03:00	0:00:58	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:35	≤0:07:00	0:01:08	≤0:04:00