

ITS Operations Summary Report – January 2019

Milestones:

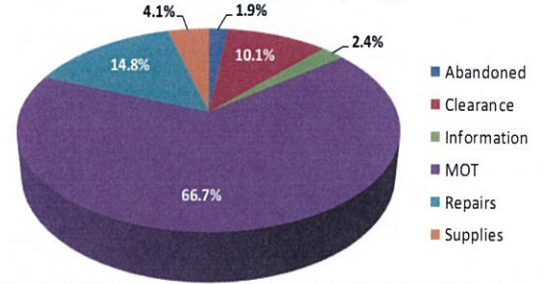
- Hosted the Move Over/Drive Safe press conference with FHP and local first responders
- Coordinated signal timing adjustments to alleviate congestion along SW 8th Street for the start of FIU spring semester
- Attended the US 27 / I-75 Smoke Fog Task Force meeting
- Coordinated with Project Managers 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:

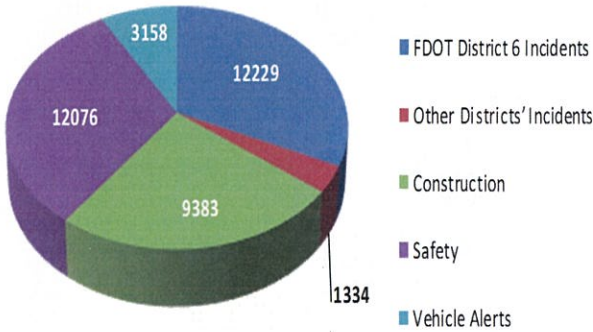
Statistics	January 2019	FY 17/18 Avg.
Total Number of Events	4,906	4,628
Total Number of Lane Blockage Events***	1,892	1,854
Average Lane Blockage Duration*	0:26:06	0:26:31
Total Number of Road Ranger Responses**	5,264	4,691
Total Number of Road Ranger Activities**	9,470	8,615

*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 = 38,180)

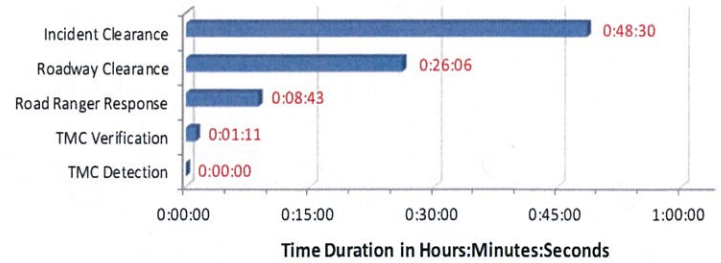


Roadway	# of DMS	# of Activations	# of Messages	Availability
I-95 Mainline	11	1,981	6,045	98.55%
95 Express	6	961	2,942	99.87%
I-95 Arterial	8	1,248	3,930	93.22%
Golden Glades	5	1,079	3,311	98.05%
SR 826	12	1,572	4,562	99.55%
I-75	4	340	1,223	99.69%
I-195	2	209	864	99.68%
I-195 Arterial	3	251	2,261	99.73%
SR 826 Arterial	18	2,525	8,278	98.47%
I-395	2	503	1,460	99.55%
US 1 Miami-Dade Co	5	404	1,713	97.48%
US 1 S/ of Florida City	11	234	1,591	90.66% †
Total	87	11,307	38,180	97.41%

Maintenance and TMC Operations:

ITS Systems Availability (FDOT Non-Operational)

Subsystem	January 2019	Target
TMC Systems (critical)	99.97%	>99.90%
TMC Systems (non-critical)	99.72%	≥98.00%
www.sunguide.info	100.00%	≥98.00%
SunGuide® Software	95.39%	N/A
Video Wall	100.00%	N/A
Detectors	92.38%	N/A
CCTV†	81.44%	N/A
DMS†	97.41%	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	
	January 2019	Target	January 2019	Target
DMS Efficiency (Lane Blockage)	99.76%	≥95%	100.00%	≥100%
TMC Operator Error Rate (Lane Blockage)	0.16	≤0.20	0.06	≤0.10
TMC Operator Error Rate (Non-lane Blockage)	0.07	≤0.20	0.05	≤0.10
Road Ranger Dispatching Average (Lane Blockage)	0:00:29	≤0:02:00	0:00:19	≤0:00:60
Event Confirmation Average (Lane Blockage)	0:01:30	≤0:02:00	0:00:07	≤0:00:60
Time to Post DMS Average (Lane Blockage)	0:01:55	≤0:03:00	0:00:52	≤0:01:30
Agency Notification Average (Lane Blockage)	0:01:38	≤0:07:00	0:01:23	≤0:04:00