



Summary of Monthly Operations

In the month of November, there were 19,652 messages posted with 5,921 DMS activations for 928 events. The DMS efficiency was 99.89% (927 of the 928 signable events had DMS messages posted). There was an average of 6.38 DMSs activated per each signable event and an average of 3.32 DMS messages were posted per each DMS activation. This resulted in an average of 21.18 DMS messages being posted per each signable event.

Notes: DMS messages not associated with an event are not included because the SunGuide Software requirement to associate a message does not function properly at this time.

Summary of Average Monthly Operations

- $\frac{5921 \text{ DMS Activations}}{928 \text{ Events}} = \underline{\mathbf{6.38}}$ Average DMS Activations per Event

An average of 6.38 DMSs were activated per each signable event

- $\frac{19652 \text{ DMS Messages}}{5921 \text{ DMS Activations}} = \underline{\mathbf{3.32}}$ Average DMS Messages per Activation

An average of 3.32 DMS messages were posted per each DMS activation

- $6.38 \frac{\text{DMS Activations}}{\text{Events}} \times 3.32 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{\mathbf{21.18^*}}$ DMS Messages per Event

An average of 21.28 DMS messages were posted per each signable event*

**Based on actual numbers of average DMS activation/event and average DMS messages/activation. Not based on rounded numbers shown in this report.*

Table 1 DMS Usage for Other Agencies

Agency	Number of Messages
FDOT District 4	715
Florida's Turnpike Enterprise	289
Miami-Dade Expressway Authority	942
Total	1946

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	8923
Other Districts' Incidents	1386
Construction	8267
Safety	0
Vehicle Alert	1076
Total	19652



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Table 3a DMS Usage by Roadway (Limited Access Facilities)

Roadway	ID	Location	# of Activations	# of Messages	Duration (Hr:Min:SS)	Availability
I-95 Mainline	1	I-95 NB beyond NW 103 St	104	336	413:30:53	100.00%
	22	I-95 NB south of NW 62 St	71	198	292:50:27	100.00%
	75	I-95 NB before SR 112	140	362	253:43:20	98.98%
	77*	I-95 NB beyond SW 8 St	0	0	0:00:00	N/A*
	2	I-95 SB north of Ives Dairy Rd	230	826	860:10:17	100.00%
	3	I-95 SB north of Miami Gardens Dr	224	729	770:23:54	99.41%
	20	I-95 SB south of NW 119 St	82	251	119:16:29	100.00%
	21	I-95 SB south of NW 62 St	122	414	193:45:55	99.83%
	74*	I-95 SB beyond of SR 112	0	0	0:00:00	N/A*
76*	I-95 SB before Rickenbacker Cswy	0	0	0:00:00	N/A*	
<i>I-95 Mainline Subtotal</i>			973	3116	2903:41:15	99.75%
I-95 Express	95X40	95X NB at NW 62nd St	80	184	276:38:40	99.58%
	95X45	95X NB at NW 125th St	93	294	402:49:49	99.49%
	95XSB45	95X SB at NW 62nd St	117	345	168:55:13	99.45%
	95XSB50	95X SB at NW 125th St	101	229	88:24:59	99.60%
<i>I-95 Express Subtotal</i>			391	1052	936:48:41	99.53%
SR 826	14	SR 826 NB beyond NW 122 St	49	148	70:41:02	99.76%
	4	SR 826 EB east of NW 67 Ave	79	364	838:06:26	100.00%
	5	SR 826 EB east of NW 37 Ave	234	772	1008:06:40	100.00%
	15	SR 826 WB beyond NW 17 Ave	44	185	223:40:12	100.00%
	17	SR 826 WB beyond NW 47 Ave	57	186	260:26:58	100.00%
	19	SR 826 WB beyond NW 67 Ave	66	223	272:19:48	90.76%
	826NB58	SR 826 NB before NW 58 St	38	95	50:35:44	100.00%
	826SB58	SR 826 SB before NW 58 St	104	303	377:36:45	100.00%
	826SB103	SR 826 SB before NW 103 St	85	274	349:25:31	99.77%
	826NB1.3-LL	SR 826 NB before SW 72 St	69	260	385:26:51	100.00%
	826NB4.8-LL**	SR 826 NB at SW 24 St	95	302	413:13:29	N/A**
	826SB8.8-LL**	SR 826 SB at NW 36 St	100	281	374:09:07	N/A**
<i>SR 826 Subtotal</i>			1020	3393	4623:48:33	99.03%
I-75	43	I-75 NB before Miami Gardens Dr	17	42	38:17:53	100.00%
	44	I-75 SB before Miami Gardens Dr	78	262	319:25:04	100.00%
	42	I-75 SB ramp from NW 138 St	93	312	353:27:13	100.00%
<i>I-75 Subtotal</i>			188	616	711:10:10	100.00%
I-195 Mainline	57	I-195 EB before North Miami Ave	15	56	41:32:26	100.00%
	103*	SR 112 EB before NW 39 St	0	0	0:00:00	N/A*
	105*	I-195 WB before Alton Rd	0	0	0:00:00	N/A*
<i>I-195 Mainline Subtotal</i>			15	56	41:32:26	100.00%
I-395	886WB	Port Blvd WB before US-1	104	753	516:04:58	100.00%
	104	I-395 WB at Watson Island	171	461	322:31:35	99.15%
<i>I-395 Subtotal</i>			275	1214	838:36:33	99.58%
<i>Limited Access Facilities Subtotal</i>			2862	9447	10055:37:38	99.47%



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Table 3b DMS Usage by Roadway (Arterials)

Roadway	ID	Location	# of Activations	# of Messages	Duration (Hr:min:ss)	Availability
I-95 Arterial	109	Ives Dairy EB Rd before I-95	132	496	233:52:03	99.87%
	113*	Ives Dairy Rd WB before I-95	0	0	0:00:00	N/A*
	110	Miami Gardens Dr EB before I-95	130	455	209:48:29	98.27%
	111	Miami Gardens Dr WB before I-95	143	532	239:10:28	99.73%
	112	NW 103 St EB before I-95	145	458	243:49:33	100.00%
	106	NW 79 St EB before I-95	140	439	274:54:00	100.00%
	107	NW 54 St EB before I-95	170	511	286:25:59	99.01%
	108	SW 8 St EB before I-95	88	262	203:43:09	98.12%
<i>I-95 Arterial Subtotal</i>			948	3153	1691:43:41	99.29%
Golden Glades Interchange	6	SR 826 WB west of NE 2nd Ave	246	823	1009:49:50	99.88%
	7	Turnpike SB to Golden Glades	239	814	896:52:01	99.96%
	9	US-441 NB at TRI-Rail	69	271	399:38:20	93.50%
	10	SR 9 NB before Park & Ride	135	546	532:41:44	93.50%
	8	US-441 SB at NW 179 St	246	829	1010:57:59	100.00%
<i>Golden Glades Interchange Subtotal</i>			935	3283	3849:59:54	97.37%
SR 826 Arterial	SW24EB	SW 24 St EB before SR 826	106	310	322:53:28	100.00%
	SW24WB	SW 24 St WB before SR 826	106	310	322:53:30	100.00%
	SW40EB	SW 40 St EB before SR 826	100	305	321:04:20	100.00%
	SW40WB	SW 40 St WB before SR 826	101	304	321:42:55	100.00%
	SW56EB	SW 56 St EB before SR 826	77	269	235:29:53	100.00%
	SW56WB	SW 56 St WB before SR 826	77	269	235:29:53	100.00%
	SW72EB	SW 72 St EB before SR 826	72	258	232:08:47	100.00%
	SW72WB	SW 72 St WB before SR 826	73	261	232:19:45	100.00%
<i>SR 826 Arterial Subtotal</i>			712	2286	2224:02:31	100.00%
I-195 Arterial	38	Alton Rd SB before I-195	62	175	99:15:12	100.00%
	39	Arthur Godfrey WB before I-195	62	175	99:15:14	100.00%
	40	Alton Rd NB before I-195	62	175	99:15:14	99.89%
<i>I-195 Arterial Subtotal</i>			186	525	297:45:40	99.96%
US-1 in Miami-Dade County	23**	US-1 NB beyond SW 17 Ave	71	236	132:33:26	N/A***
	45	US-1 SB before SW 80 St	28	54	111:45:45	98.98%
	47	US-1 SB at Florida's Turnpike	7	28	23:15:00	100.00%
	46	US-1 NB before Killian Dr	44	136	286:44:15	100.00%
	48	US-1 NB at Florida's Turnpike	6	19	20:37:57	100.00%
<i>US-1 in Miami-Dade County Subtotal</i>			156	473	574:56:23	99.75%



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Table 3b – continued DMS Usage by Roadway (Arterials)

Roadway	ID	Location	# of Activations	# of Messages	Duration (Hr:Min)	Availability
US-1 South of Florida City	62	US-1 NB at Mile Marker 126	5	18	20:18:44	100.00%
	64	US-1 NB at Mile Marker 106	11	46	106:38:08	100.00%
	66	US-1 NB at Mile Marker 91.5	9	56	104:23:05	97.86%
	68	US-1 NB at Mile Marker 39.5	16	71	119:37:54	97.28%
	71	US-1 NB at Mile Marker 7.5	12	68	108:02:16	99.96%
	61**	US-1 SB at Mile Marker 126	13	46	29:29:04	N/A***
	63	US-1 SB at Mile Marker 113	12	43	28:45:35	99.98%
	65	US-1 SB at Mile Marker 106	17	50	42:04:54	100.00%
	67	US-1 SB at Mile Marker 91.5	11	39	27:15:28	97.76%
	69	US-1 SB at Mile Marker 39.5	11	30	35:35:18	90.66%
	70	US-1 SB at Mile Marker 7.5	5	18	21:04:36	99.25%
US-1 South of Florida City Subtotal			122	485	643:15:02	98.28%
Arterials Subtotal			3059	10205	9281:43:11	99.01%
Limited Access Facilities Subtotal			2862	9447	10055:37:38	99.47%
Grand Total			5921	19652	19337:20:49	99.21%

*DMS 74, 76, 77, 103, 105, and 113 were undergoing testing for Capital Improvement and were used periodically; system availability is not measured for these devices.

**Two additional DMS along the SR 826 Section 5 project are operational and are still under warranty; system availability is not measured for these devices. In addition, two DMS along US-1 in Miami-Dade and Monroe County are operational and are still under warranty; system availability is not measured for these devices.

Note: On 11/3/2013, daylight saving time affected some performance metrics and was manually audited.



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Table 4 Number of Messages by Roadway

Sign For Events On			DMS Located Along											
			I-95 Mainline	95 Express	SR 826	I-75	I-195 Mainline	I-395	I-95 Arterial	GGI	SR 826 Arterial	I-195 Arterial	US-1 in Miami-Dade County	US-1 South of Florida City
Vehicle Alert			133	67	228	65	24	34	0	79	96	36	99	215
Safety Messaging			0	0	0	0	0	0	0	0	0	0	0	0
District 6	Miami-Dade	I-95	1899	376	759	20	0	221	2146	2026	0	414	38	0
	Miami-Dade	Express Lanes	438	254	144	0	0	155	4	427	0	0	0	0
	Miami-Dade	I-195	71	0	3	0	32	22	95	4	2	30	21	0
	Miami-Dade	I-395	131	113	10	0	0	165	305	0	0	15	102	0
	Miami-Dade	MacArthur Causeway	22	22	0	0	0	508	0	0	0	0	22	0
	Miami-Dade	SR-886/Port Boulevard	0	0	0	0	0	0	0	0	0	0	0	0
	Miami-Dade	SR-826	189	74	1842	468	0	6	204	364	1929	0	103	0
	Miami-Dade	I-75	0	0	36	11	0	0	0	0	0	0	0	0
	Miami-Dade	US-1	5	5	0	0	0	14	13	0	19	0	34	0
	Monroe	US-1	0	0	0	0	0	0	0	0	0	0	7	269
	Monroe	Card Sound Road	0	0	0	0	0	0	0	0	0	0	0	0
	Miami-Dade	SR-9	0	0	0	0	0	0	0	0	0	0	0	0
	Miami-Dade	US-27	0	0	22	0	0	0	0	0	0	0	0	0
	Miami-Dade	US-441	0	0	0	0	0	0	0	0	0	0	0	0
	Miami-Dade	OTHER	0	0	0	0	0	0	0	0	0	0	0	0
Monroe	OTHER	0	0	0	0	0	0	0	0	0	0	0	0	
MDX	Miami-Dade	SR-836	38	27	108	3	0	65	75	1	156	21	25	0
	Miami-Dade	SR-836 Extension to 137th Ave	0	0	0	0	0	0	0	0	0	0	0	0
	Miami-Dade	SR-112	54	27	0	0	0	24	60	4	0	9	2	0
	Miami-Dade	SR-874	0	0	40	0	0	0	0	0	84	0	4	0
	Miami-Dade	SR-878	0	0	0	0	0	0	5	0	0	0	16	0
Miami-Dade	SR-924	0	0	57	37	0	0	0	0	0	0	0	0	
District 4	Broward	I-95	68	54	76	0	0	0	188	291	0	0	0	0
	Broward	I-75	0	0	27	11	0	0	0	0	0	0	0	0
	Broward	I-595	0	0	0	0	0	0	0	0	0	0	0	0
	Palm Beach	I-95	0	0	0	0	0	0	0	0	0	0	0	0
	Indian River	I-95	0	0	0	0	0	0	0	0	0	0	0	0
Broward	OTHER	0	0	0	0	0	0	0	0	0	0	0	0	
Turnpike	Miami-Dade	Floridas Turnpike	0	0	0	0	0	0	0	0	0	0	0	1
	Miami-Dade	Floridas Turnpike Spur	61	25	33	1	0	0	42	55	0	0	0	0
	Broward	Floridas Turnpike	7	8	8	0	0	0	16	32	0	0	0	0
	Palm Beach	Floridas Turnpike	0	0	0	0	0	0	0	0	0	0	0	0
	St. Lucie	Floridas Turnpike	0	0	0	0	0	0	0	0	0	0	0	0
Subtotal of On Route			1899	254	1842	11	32	165	2146	2026	1929	30	41	269
Subtotal of Off Route			1217	798	1551	605	24	1049	1007	1257	357	495	432	216
Total District 6			2888	911	3044	564	56	1125	2767	2900	2046	495	426	484
Other Agencies			228	141	349	52	0	89	386	383	240	30	47	1
Total			3116	1052	3393	616	56	1214	3153	3283	2286	525	473	485

Notes: Vehicle Alert messages are signed for entire Miami-Dade and Monroe Counties; thus, is not location-specific event.
 Safety messages are signed for entire Miami-Dade and Monroe Counties; thus, is not location-specific event.
 On Route – When a DMS signs for an incident on the same route as where the DMS is located.
 Off Route – When a DMS signs for an incident on different routes from where the DMS is located.

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DMS Messages by Time of Day

