



Summary of Monthly Operations

In the month of April, there were 14,006 messages posted with 5,973 DMS activations for 910 events. The DMS efficiency was 99.34% (904 of the 910 signable events had a DMS messages posted). There was an average of 6.56 DMSs activated per each signable event and an average of 2.34 DMS messages were posted per each DMS activation. This resulted in an average of 15.39 DMS messages being posted per each signable event.

Note: 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

- $\frac{5973 \text{ DMS Activations}}{910 \text{ Events}} = \underline{6.56} \text{ Average DMS Activations per Event}$

An average of 6.56 DMSs were activated per each signable event

- $\frac{14006 \text{ DMS Messages}}{5973 \text{ DMS Activations}} = \underline{2.34} \text{ Average DMS Messages per Activation}$

An average of 2.34 DMS messages were posted per each DMS activation

- $6.56 \frac{\text{DMS Activations}}{\text{Events}} \times 2.34 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{15.39}^* \text{ DMS Messages per Event}$

An average of 15.39 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	626
Florida's Turnpike Enterprise	41
Miami-Dade Expressway Authority	1237
Total	1904

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	8663
Other Districts' Incidents	1054
Construction	3748
Safety	244
Vehicle Alert	297
Total	14006



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

Roadway	ID	Location	# of Activations	# of Messages	Duration (Hr:Min)	Availability
I-95 Mainline	1	NB I-95 n/ of NW 103 ST	83	197	141:47	99.31%
	22	NB I-95 s/ of NW 62 ST	81	165	114:54	100.00%
	75	NB I-95 s/ of SR 112	93	186	147:36	44.57%
	77	NB I-95 n/ of SW 8 ST	211	425	370:40	100.00%
	2	SB I-95 n/ Ives Dairy RD	163	304	127:42	100.00%
	3	SB I-95 n/ of Miami Gardens DR	168	322	134:42	100.00%
	20	SB I_95 s/ of NW 119 ST	99	273	276:04	100.00%
	21	SB I-95 s/ of NW 62 ST	120	324	317:16	100.00%
	74	SB I_95 s/ of SR 112	58	135	129:27	81.76%
	76	SB I-95 n/ of Rickenbacker CSWY	8	18	10:48	99.67%
<i>I-95 Mainline Subtotal</i>			1084	2349	1771:01	92.53%
I-95 Express	95X40	NB 95X at NW 62nd St	88	142	46:39	100.00%
	95X45	NB 95X at NW 125th St	82	199	118:05	100.00%
	95XSB45	SB 95X at NW 62nd St	88	185	154:10	99.13%
	95XSB50	SB 95X at NW 125th St	67	119	54:06	100.00%
<i>I-95 Express Subtotal</i>			325	645	373:01	99.78%
SR 826	14	NB SR 826 n/ of NW 122 ST	51	123	63:31	100.00%
	4	EB SR 826 e/ of NW 67 AVE	45	100	45:43	100.00%
	5	EB SR 826 e/ of NW 37 AVE	182	374	258:32	100.00%
	15	WB SR 826 w/ of NW 17 AVE	48	171	64:16	100.00%
	17*	WB SR 826 w/ of NW 47 AVE	0	0	0:00	N/A*
	19	WB SR 826 w/ of NW 67 AVE	65	213	92:52	100.00%
	826NB58	NB SR 826 s/ of NW 58 ST	58	139	110:46	100.00%
	826SB58	SB SR 826 n/ of NW 58 ST	109	227	235:34	100.00%
	826SB103	SB SR 826 s/ of NW 103 ST	96	238	168:49	100.00%
	826NB-LL**	NB SR 826 s/ of SW 72 ST	76	152	124:10	N/A**
<i>SR 826 Subtotal</i>			730	1737	1164:16	100.00%
I-75	43	NB I-75 s/ of Miami Gardens DR	30	62	85:54	100.00%
	44	SB I-75 s/ of Miami Gardens DR	72	205	90:33	100.00%
	42	SB I-75 s/ of NW 138 ST	99	244	161:28	100.00%
<i>I-75 Subtotal</i>			201	511	337:55	100.00%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	39	115	159:04	97.93%
	103	EB SR 112 e/ of Toll Plaza	215	452	372:47	100.00%
	105	WB I-195 e/ of Alton RD	133	391	383:30	96.66%
<i>I-195 Mainline Subtotal</i>			387	958	915:21	98.20%
I-395	886WB	Port Blvd WB before US-1	112	280	231:30	100.00%
	104	WB I-395 @ Watson Island	183	352	272:29	100.00%
<i>I-395 Subtotal</i>			295	632	503:59	100.00%
<i>Limited Access Facilities Subtotal</i>			3022	6832	5065:35	98.42%



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Table 3b DMS Usage by Roadway (Arterials)

Roadway	ID	Location	# of Activations	# of Messages	Duration (Hr:Min)	Availability
I-95 Arterial	109	EB Ives Dairy RD w/ of I-95	107	257	120:35	100.00%
	113	WB Ives Dairy RD e/ of I-95	108	260	129:17	99.77%
	110	EB Miami Gardens DR w/ of I-95	121	333	174:03	100.00%
	111	WB Miami Gardens DR e/ of I-95	129	342	164:11	100.00%
	112	EB NW 103 ST w/ of I-95	137	352	248:05	99.68%
	106	EB NW 79 ST w/ of I-95	150	368	304:53	100.00%
	107	EB NW 54 ST w/ of I-95	160	406	332:38	100.00%
	108	EB SW 8 ST w/ of I-95	112	256	258:56	99.91%
<i>I-95 Arterial Subtotal</i>			1024	2574	1732:42	99.92%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	185	415	238:32	100.00%
	7	SB Turnpike to the Golden Glades	173	397	207:18	100.00%
	9	NB US-441@TRI-Rail	62	169	126:58	100.00%
	10	NB SR 9 @ the Detention Center	114	315	188:27	100.00%
	8	SB US-441 @NW 179 ST	173	387	198:19	100.00%
<i>Golden Glades Interchange Subtotal</i>			707	1683	959:36	100.00%
SR 826 Arterial	SW24EB**	EB SW 24 ST w/ of SR 826	93	177	168:59	N/A**
	SW24WB**	WB SW 24 ST e/ of SR 826	93	177	168:59	N/A**
	SW40EB**	EB SW 40 ST w/ of SR 826	88	168	162:38	N/A**
	SW40WB**	WB SW 40 ST e/ of SR 826	88	168	162:38	N/A**
	SW56EB**	EB SW 56 ST w/ of SR 826	81	167	111:52	N/A**
	SW56WB**	WB SW 56 ST e/ of SR 826	81	167	111:52	N/A**
	SW72EB**	EB SW 72 ST w/ of SR 826	78	160	109:49	N/A**
	SW72WB**	WB SW 72 ST e/ of SR 826	78	160	109:49	N/A**
<i>SR 826 Arterial Subtotal</i>			680	1344	1106:36	N/A**
I-195 Arterial	38	SB Alton RD to WB I-195	67	248	220:08	82.27%
	39	WB 41 ST to WB I-195	73	263	229:06	95.45%
	40	NB Alton RD to WB I-195	74	266	229:26	95.45%
<i>I-195 Arterial Subtotal</i>			214	777	678:41	91.06%
US-1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	73	185	197:08	100.00%
	45	SB US-1 @ SW 62 AVE & SW 80 ST	48	92	354:06	100.00%
	47	SB US-1 @ TURNPIKE SB	2	2	5:22	100.00%
	46	NB US-1 @ Killian DR	83	153	181:27	100.00%
	48	NB US-1 @ TURNPIKE NB	4	12	2:26	100.00%
<i>US-1 in Miami-Dade County Subtotal</i>			210	444	740:31	100.00%



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

US-1 South of Florida City	62	NB US-1 @ Florida City	3	9	3:40	98.64%
	64	NB US-1 @ Mile Marker 106	19	27	68:54	98.12%
	66	NB US-1 @ Mile Marker 91.5	4	12	12:36	95.90%
	68	NB US-1 @ Mile Marker 39.5	20	54	93:22	70.70%
	71	NB US-1 @ Mile Marker 7.5	9	45	50:31	100.00%
	61*	SB US-1 @ Florida City	2	4	40:10	N/A*
	63	SB US-1 @ Mile Marker 113	8	42	54:49	98.64%
	65	SB US-1 @ Mile Marker 106	24	62	116:55	97.83%
	67	SB US-1 @ Mile Marker 91.5	8	37	49:38	96.97%
	69	SB US-1 @ Mile Marker 39.5	18	41	69:00	85.27%
	70	SB US-1 @ Mile Marker 7.5	1	19	4:43	99.21%
US-1 South of Florida City Subtotal			116	352	564:21	94.13%
Arterials Subtotal			2951	7174	5782:28	97.02%
Limited Access Facilities Subtotal			3022	6832	5065:35	98.42%
Grand Total			5973	14006	10848:04	97.26%

* DMS 17 and DMS 61 are undergoing testing for Capital Improvement and are used periodically; system availability is not measured for these devices.

**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.



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Table 4 Number of Messages by Roadway

Sign For Events On	DMS Located Along									
	I-95** Mainline	Golden Glades	I-95 Arterial	SR 826	SR 826 Arterial	I-75	I-195	I-395	US-1 in Miami-Dade County	US-1 South of Florida City
Vehicle Alert*	40	0	0	60	0	40	40	0	40	77
Safety Messaging*	120	9	0	72	0	0	25	18	0	0
I-95**	1,857	1,186	1,616	332	0	2	540	326	62	0
I-75	0	0	0	131	0	92	0	0	0	0
I-195	236	5	252	0	0	0	814	62	52	0
I-395	197	44	134	0	0	0	135	95	37	0
SR 826	126	212	155	887	982	351	0	0	97	0
M-CSWY	62	0	43	1	0	0	10	31	7	0
US-1 in Miami-Dade County	6	0	4	1	44	0	1	2	58	7
US-1 South of Florida City	0	0	0	0	0	0	0	0	2	265
MDX	SR 112	91	1	49	0	0	102	17	1	0
	SR 836	136	0	100	141	246	12	67	81	58
	SR 874	0	0	0	31	72	0	0	0	11
	SR 878	0	0	0	0	0	0	0	0	19
	SR 924	0	0	0	0	0	2	0	0	0
District 4	108	211	217	78	0	12	0	0	0	0
Florida's Turnpike	15	15	4	3	0	0	1	0	0	3
Subtotal of On Route	1,857	1,186	1,616	887	982	92	814	95	58	265
Subtotal of Off Route	1,137	497	958	850	362	419	921	537	386	87
Total District 6	2,644	1,456	2,204	1,484	1,026	485	1,565	534	355	349
Other Agencies	350	227	370	253	318	26	170	98	89	3
Total	2,994	1,683	2,574	1,737	1,344	511	1,735	632	444	352

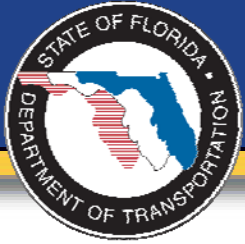
Note: *Vehicle Alert messages are signed for entire Miami-Dade and Monroe Counties, thus is not location-specific event.

*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

** Includes I-95 Express Lanes



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DMS Messages by Time of Day

