

Summary of Monthly Operations

In the month of March, there were 19,248 messages posted with 5,988 DMS activations for 985 events. The DMS efficiency was 99.8% (983 of the 985 signable events had DMS messages posted). There was an average of 6.08 DMSs activated per each signable event and an average of 3.21 DMS messages were posted per each DMS activation. This resulted in an average of 19.54 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

- $$\frac{5988 \text{ DMS Activations}}{985 \text{ Events}} = \mathbf{6.08} \text{ Average DMS Activations per Event}$$

An average of 6.08 DMSs were activated per each signable event

- $$\frac{19248 \text{ DMS Messages}}{5988 \text{ DMS Activations}} = \mathbf{3.21} \text{ Average DMS Messages per Activation}$$

An average of 3.21 DMS messages were posted per each DMS activation

- $$6.08 \frac{\text{DMS Activations}}{\text{Events}} \times 3.21 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \mathbf{19.54^*} \text{ DMS Messages per Event}$$

An average of 19.54 DMS messages were posted per each signable event*

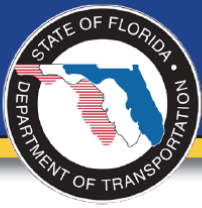
**Based on actual numbers of average DMS activation/event and average DMS messages/activation. Not based on rounded numbers shown in this report.*

Table 1 DMS Usage for Other Agencies

Agency	Number of Messages
FDOT District 4	653
Florida's Turnpike Enterprise	63
Miami-Dade Expressway Authority	660
Total	1376

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	9981
Other Districts' Incidents	881
Construction	6071
Safety	830
Vehicle Alert	1485
Total	19248



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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	NB I-95 n/ of NW 103 ST	107	349	196:23:02	100.00%
	22	NB I-95 s/ of NW 62 ST	80	250	149:13:31	100.00%
	75	NB I-95 s/ of SR 112	180	454	187:55:56	99.33%
	77	NB I-95 n/ of SW 8 ST	26	74	38:49:30	14.95%
	2	SB I-95 n/ Ives Dairy RD	163	496	172:55:48	100.00%
	3	SB I-95 n/ of Miami Gardens DR	168	485	165:59:22	100.00%
	20	SB I_95 s/ of NW 119 ST	74	233	143:33:34	100.00%
	21	SB I-95 s/ of NW 62 ST	116	443	289:37:51	100.00%
	74	SB I_95 s/ of SR 112	73	327	217:35:06	75.30%
	76	SB I-95 n/ of Rickenbacker CSWY	26	81	90:29:15	97.40%
<i>I-95 Mainline Subtotal</i>			1013	3192	1652:32:55	88.70%
I-95 Express	95X40	NB 95X at NW 62nd St	102	248	125:54:05	99.78%
	95X45	NB 95X at NW 125th St	111	331	170:55:22	99.75%
	95XSB45	SB 95X at NW 62nd St	100	376	256:42:00	99.58%
	95XSB50	SB 95X at NW 125th St	76	203	116:14:43	99.93%
<i>I-95 Express Subtotal</i>			389	1158	669:46:10	99.76%
SR 826	14	NB SR 826 n/ of NW 122 ST	40	184	90:20:42	100.00%
	4	EB SR 826 e/ of NW 67 AVE	52	189	126:14:20	100.00%
	5	EB SR 826 e/ of NW 37 AVE	194	542	241:23:49	100.00%
	15	WB SR 826 w/ of NW 17 AVE	63	280	241:54:36	99.99%
	17	WB SR 826 w/ of NW 47 AVE	93	382	618:14:59	100.00%
	19	WB SR 826 w/ of NW 67 AVE	100	405	617:39:50	97.34%
	826NB58	NB SR 826 s/ of NW 58 ST	37	178	347:10:22	100.00%
	826SB58	SB SR 826 n/ of NW 58 ST	101	240	322:05:36	100.00%
	826SB103	SB SR 826 s/ of NW 103 ST	89	267	557:11:14	100.00%
	826NB1.3-LL	NB SR 826 s/ of SW 72 ST	52	181	184:59:18	94.29%
	826NB4.8-LL**	NB SR 826 at SW 24 ST	74	232	350:34:47	N/A**
	826SB8.8-LL**	SB SR 826 at NW 36 ST	106	257	323:02:56	N/A**
<i>SR 826 Subtotal</i>			1001	3337	4020:52:29	99.16%
I-75	43	NB I-75 s/ of Miami Gardens DR	20	73	80:16:35	99.80%
	44	SB I-75 s/ of Miami Gardens DR	111	404	703:52:51	100.00%
	42	SB I-75 s/ of NW 138 ST	117	423	724:13:26	100.00%
<i>I-75 Subtotal</i>			248	900	1508:22:52	99.93%
I-195 Mainline	57*	EB I-195 w/ of North Miami AVE	0	0	0:00:00	N/A*
	103*	EB SR 112 e/ of Toll Plaza	69	205	97:02:23	N/A*
	105*	WB I-195 e/ of Alton RD	66	216	151:05:26	N/A*
<i>I-195 Mainline Subtotal</i>			135	421	248:07:49	N/A*
I-395	886WB	Port Blvd WB before US-1	137	568	317:57:47	99.81%
	104	WB I-395 @ Watson Island	194	494	216:29:43	98.90%
<i>I-395 Subtotal</i>			331	1062	534:27:30	99.36%
<i>Limited Access Facilities Subtotal</i>			3117	10070	8634:09:45	95.73%



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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	EB Ives Dairy RD w/ of I-95	110	316	86:02:40	99.59%
	113	WB Ives Dairy RD e/ of I-95	102	287	81:11:40	97.95%
	110	EB Miami Gardens DR w/ of I-95	125	359	117:50:42	99.80%
	111	WB Miami Gardens DR e/ of I-95	126	358	116:45:37	99.23%
	112	EB NW 103 ST w/ of I-95	132	395	156:52:14	99.84%
	106	EB NW 79 ST w/ of I-95	130	431	213:18:56	99.08%
	107	EB NW 54 ST w/ of I-95	158	531	253:23:29	100.00%
	108	EB SW 8 ST w/ of I-95	93	345	183:07:18	97.91%
<i>I-95 Arterial Subtotal</i>			976	3022	1208:32:36	99.18%
Golden Glades Interchange	6*	WB SR 826 w/ of NE 2nd AVE	63	167	50:43:19	N/A*
	7	SB Turnpike to the Golden Glades	202	607	231:41:57	100.00%
	9	NB US-441@TRI-Rail	86	257	171:08:45	100.00%
	10	NB SR 9 @ the Detention Center	131	409	192:39:53	99.61%
	8	SB US-441 @NW 179 ST	196	581	233:50:29	100.00%
<i>Golden Glades Interchange Subtotal</i>			678	2021	880:04:23	99.90%
SR 826 Arterial	SW24EB	EB SW 24 ST w/ of SR 826	95	250	208:50:06	100.00%
	SW24WB	WB SW 24 ST e/ of SR 826	95	250	208:50:06	100.00%
	SW40EB	EB SW 40 ST w/ of SR 826	93	228	206:22:40	100.00%
	SW40WB	WB SW 40 ST e/ of SR 826	92	235	208:58:19	100.00%
	SW56EB	EB SW 56 ST w/ of SR 826	76	242	223:21:06	95.64%
	SW56WB	WB SW 56 ST e/ of SR 826	80	249	230:15:19	100.00%
	SW72EB	EB SW 72 ST w/ of SR 826	84	307	271:25:26	100.00%
	SW72WB	WB SW 72 ST e/ of SR 826	84	307	271:25:26	100.00%
<i>SR 826 Arterial Subtotal</i>			699	2068	1829:28:28	99.46%
I-195 Arterial	38	SB Alton RD to WB I-195	43	124	97:54:18	98.87%
	39	WB 41 ST to WB I-195	40	115	91:03:03	97.60%
	40	NB Alton RD to WB I-195	40	115	91:03:02	98.85%
<i>I-195 Arterial Subtotal</i>			123	354	280:00:23	98.44%
US-1 in Miami-Dade County	23*	NB US-1 n/ of SW 17 AVE	37	175	89:29:54	N/A*
	45	SB US-1 @ SW 62 AVE & SW 80 ST	54	201	230:02:54	100.00%
	47	SB US-1 @ TURNPIKE SB	11	64	61:01:15	100.00%
	46	NB US-1 @ Killian DR	52	181	189:10:36	100.00%
	48	NB US-1 @ TURNPIKE NB	29	130	139:36:48	100.00%
<i>US-1 in Miami-Dade County Subtotal</i>			183	751	709:21:27	100.00%

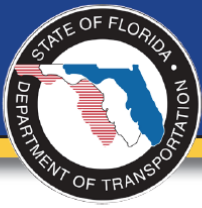


Table 3b – continued DMS Usage by Roadway (Arterials)

Roadway	ID	Location	# of Activations	# of Messages	Duration (Hr:Min)	Availability
US-1 South of Florida City	62	NB US-1 @ Florida City	13	52	79:59:25	100.00%
	64	NB US-1 @ Mile Marker 106	15	48	73:12:57	99.35%
	66	NB US-1 @ Mile Marker 91.5	15	70	80:50:54	99.57%
	68	NB US-1 @ Mile Marker 39.5	29	141	108:30:42	99.26%
	71	NB US-1 @ Mile Marker 7.5	29	149	95:34:55	99.76%
	61*	SB US-1 @ Florida City	10	40	11:34:11	N/A*
	63	SB US-1 @ Mile Marker 113	27	122	78:32:37	97.39%
	65	SB US-1 @ Mile Marker 106	28	122	85:39:31	99.24%
	67	SB US-1 @ Mile Marker 91.5	22	110	72:09:56	99.08%
	69	SB US-1 @ Mile Marker 39.5	15	60	69:35:06	100.00%
	70	SB US-1 @ Mile Marker 7.5	9	48	56:45:14	99.84%
US-1 South of Florida City Subtotal			212	962	812:25:28	99.35%
Arterials Subtotal			2871	9178	5719:52:45	99.39%
Limited Access Facilities Subtotal			3117	10070	8634:09:45	95.73%
Grand Total			5988	19248	14354:02:30	97.78%

*DMS 6, 23, 57, 61, 103, and 105 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.



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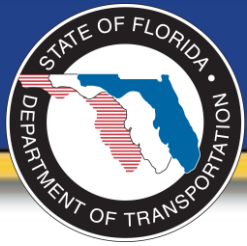


Table 4 Number of Messages by Roadway

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			226	100	305	83	33	47	8	101	156	45	113	268
Safety Messaging			141	64	185	48	25	32	0	64	0	48	64	159
District 6	Miami-Dade	I-95	1438	276	319	0	145	259	1808	863	0	156	88	0
	Miami-Dade	Express Lanes	459	313	121	0	49	192	0	296	0	0	0	0
	Miami-Dade	I-195	53	0	0	0	21	31	61	0	0	34	3	0
	Miami-Dade	I-395	456	230	25	0	80	350	598	75	15	56	81	0
	Miami-Dade	MacArthur Causeway	109	29	0	0	20	77	19	0	0	0	7	0
	Miami-Dade	SR-886/Port Boulevard	0	0	0	0	0	17	0	0	0	0	0	0
	Miami-Dade	SR-826	136	49	1764	583	0	0	191	280	1187	0	57	0
	Miami-Dade	I-75	0	0	310	140	0	0	0	72	30	0	0	0
	Miami-Dade	US-1	3	0	7	0	0	2	3	0	504	0	313	6
	Monroe	US-1	0	0	0	0	0	0	0	0	0	0	0	519
	Monroe	Card Sound Road	0	0	0	0	0	0	0	0	0	0	0	5
	Miami-Dade	SR-9	0	0	0	0	0	0	0	3	0	0	0	0
	Miami-Dade	US-27	0	0	0	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	16	5	95	40	0	0	0	0	0	0	8	0
Monroe	OTHER	0	0	0	0	0	0	0	0	0	0	0	0	
MDX	Miami-Dade	SR-836	40	7	107	0	29	50	54	0	121	9	2	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	49	25	0	0	19	5	43	0	0	6	1	0
	Miami-Dade	SR-874	0	0	28	0	0	0	0	0	55	0	7	0
	Miami-Dade	SR-878	1	0	0	0	0	0	0	0	0	0	2	0
	Miami-Dade	SR-924	0	0	0	0	0	0	0	0	0	0	0	0
District 4	Broward	I-95	53	50	59	0	0	0	234	245	0	0	0	0
	Broward	I-75	0	0	6	6	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	5	5
	Miami-Dade	Floridas Turnpike Spur	10	8	5	0	0	0	19	0	0	0	0	0
	Broward	Floridas Turnpike	2	2	1	0	0	3	3	0	0	0	0	0
	Palm Beach	Floridas Turnpike	0	0	0	0	0	0	0	0	0	0	0	0
	Martin	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			1438	313	1764	140	21	350	1808	863	1187	34	313	525
Subtotal of Off Route			1754	845	1573	760	400	712	1214	1158	881	320	438	437
Total District 6			3037	1066	3131	894	373	1007	2688	1754	1892	339	734	957
Other Agencies			155	92	206	6	48	55	334	267	176	15	17	5
Total			3192	1158	3337	900	421	1062	3022	2021	2068	354	751	962

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

