



Summary of Monthly Operations

In the month of December, there were 6,378 messages posted with 3,360 DMS activations for 670 events. The DMS efficiency was 99.70% (668 of the 670 signable events had a DMS messages posted). There was an average of 5.01 DMSs activated per each signable event and an average of 1.90 DMS messages were posted per each DMS activation. This resulted in an average of 9.52 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 message does not function properly at this time.

Summary of Average Monthly Operations

- $$\frac{3360 \text{ DMS Activations}}{670 \text{ Events}} = \underline{5.01} \text{ Average DMS Activations per Event}$$

An average of 5.01 DMSs were activated per each signable event

- $$\frac{6378 \text{ DMS Messages}}{3360 \text{ DMS Activations}} = \underline{1.90} \text{ Average DMS Messages per Activation}$$

An average of 1.90 DMS messages were posted per each DMS activation

- $$5.01 \frac{\text{DMS Activations}}{\text{Events}} \times 1.90 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{9.52^*} \text{ DMS Messages per Event}$$

An average of 9.52 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	160
Florida's Turnpike Enterprise	0
Miami-Dade Expressway Authority	314
Total	474

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	3379
Other Districts' Incidents	348
Construction	820
Safety	1004
Vehicle Alert	827
Total	6378

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	64	135	451:04	100.00%
	22	NB I-95 s/ of NW 62 ST	77	163	546:27	100.00%
	75	NB I-95 s/ of SR 112	112	191	392:00	100.00%
	77	NB I-95 n/ of SW 8 ST	129	229	491:00	100.00%
	2	SB I-95 n/ lves Dairy RD	81	150	314:23	100.00%
	3*	SB I-95 n/ of Miami Gardens DR	99	182	321:00	100.00%
	20	SB I-95 s/ of NW 119 ST	59	130	124:34	100.00%
	21	SB I-95 s/ of NW 62 ST	62	115	120:47	100.00%
	74	SB I-95 s/ of SR 112	56	114	208:30	100.00%
	76	SB I-95 n/ of Rickenbacker CSWY	13	40	42:23	76.09%
I-95 Mainline Subtotal			752	1449	3012:13	97.61%
I-95 Express	95X40	NB 95X at NW 62nd St	47	99	413:34	97.29%
	95X45	NB 95X at NW 125th St	52	104	388:35	96.13%
	95XSB45	SB 95X at NW 62nd St	36	77	413:34	100.00%
	95XSB50	SB 95X at NW 125th St	18	48	413:34	99.72%
I-95 Express Subtotal			153	328	1629:18	98.29%
SR-826	14	NB SR 826 n/ of NW 122 ST	37	70	71:52	100.00%
	4	EB SR 826 e/ of NW 67 AVE	39	78	285:43	100.00%
	5	EB SR 826 e/ of NW 37 AVE	118	208	382:00	99.44%
	15	WB SR 826 w/ of NW 17 AVE	24	65	97:22	100.00%
	17	WB SR 826 w/ of NW 47 AVE	36	96	160:44	95.56%
	19	WB SR 826 w/ of NW 67 AVE	39	89	152:10	100.00%
	826NB58	NB SR 826 s/ of NW 58 ST	43	99	96:47	100.00%
	826SB58	SB SR 826 n/ of NW 58 ST	97	144	264:49	100.00%
	826SB103	SB SR 826 s/ of NW 103 ST	92	149	227:49	100.00%
SR-826 Subtotal			525	998	1739:21	99.44%
I-75	43	NB I-75 s/ of Miami Gardens DR	22	65	92:42	100.00%
	44	SB I-75 s/ of Miami Gardens DR	49	106	168:00	100.00%
	42	SB I-75 s/ of NW 138 ST	67	142	218:20	100.00%
I-75 Subtotal			138	313	479:02	100.00%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	19	65	89:19	93.57%
	103	EB SR 112 e/ of Toll Plaza	113	179	148:16	100.00%
	105	WB I-195 e/ of Alton RD	62	107	222:06	99.18%
I-195 Mainline Subtotal			194	351	459:42	97.58%
I-395	886WB	Port Blvd WB before US-1	78	136	301:20	100.00%
	104	WB I-395 @ Watson Island	115	180	302:35	99.99%
I-395 Subtotal			193	316	603:55	99.99%
Limited Access Facilities Subtotal			1955	3755	7923:34	98.82%

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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	60	96	50:37	100.00%
	113	WB Ives Dairy RD e/ of I-95	58	94	50:05	100.00%
	110	EB Miami Gardens DR w/ of I-95	69	105	52:32	99.98%
	111	WB Miami Gardens DR e/ of I-95	76	120	57:11	100.00%
	112	EB NW 103 ST w/ of I-95	78	122	92:24	97.26%
	106	EB NW 79 ST w/ of I-95	75	113	102:53	100.00%
	107	EB NW 54 ST w/ of I-95	88	128	124:35	100.00%
	108	EB SW 8 ST w/ of I-95	70	114	172:50	100.00%
I-95 Arterial Subtotal			574	892	703:11	99.66%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	105	169	296:03	100.00%
	7	SB Turnpike to the Golden Glades	91	158	142:41	97.76%
	9	NB US-441@TRI-Rail	49	92	897:59	100.00%
	10	NB SR 9 @ the Detention Center	78	142	913:09	98.13%
	8	SB US-441 @NW 179 ST	91	144	288:29	100.00%
Golden Glades Interchange Subtotal			414	705	2538:24	99.18%
I-195 Arterial	38	SB Alton RD to WB I-195	29	67	121:29	87.74%
	39	WB 41 ST to WB I-195	29	71	128:03	98.23%
	40	NB Alton RD to WB I-195	30	72	128:20	98.23%
I-195 Arterial Subtotal			88	210	377:52	94.73%
US 1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	29	47	25:22	97.96%
	45	SB US 1 @ SW 62 AVE & 80 ST	28	72	96:56	100.00%
	47	SB US 1 @ TURNPIKE SB	10	33	41:27	99.93%
	46	NB US 1 @ Killian DR	100	163	172:43	100.00%
	48	NB US 1 @ TURNPIKE NB	8	32	39:55	99.93%
US 1 in Miami-Dade County Subtotal			175	347	376:25	99.56%
US 1 South of Florida City	62	NB US-1 @ Florida City	4	7	8:55	100.00%
	64	NB US_1 @ Mile Marker 106	20	62	88:45	99.14%
	66	NB US_1 @ Mile Marker 91.5	14	42	65:18	100.00%
	68	NB US_1 @ Mile Marker 39.5	28	73	116:27	97.72%
	71	NB US_1 @ Mile Marker 7.5	16	47	141:29	96.97%
	61	SB US-1 @ Florida City	9	16	78:45	100.00%
	63	SB US-1 @ Mile Marker 113	9	34	47:38	100.00%
	65	SB US-1 @ Mile Marker 106	21	65	94:18	99.15%
	67	SB US-1 @ Mile Marker 91.5	7	32	44:45	97.82%
	69	SB US-1 @ Mile Marker 39.5	21	63	95:14	92.70%
	70	SB US-1 @ Mile Marker 7.5	5	28	38:46	96.97%
US 1 South of Florida City Subtotal			154	469	820:23	98.22%
Arterials Subtotal			1405	2623	4816:17	98.27%
Limited Access Facilities Subtotal			1955	3755	7923:34	98.82%
Grand Total			3360	6378	12739:52	98.61%

Table 4 Number of Messages by Roadway

Sign For Events On		DMS Located Along								
		I-95** Mainline	Golden Glades	I-95 Arterial	SR-826	I-75	I-195	I-395	US 1 in Miami-Dade County	US 1 South of Florida City
Vehicle Alert*		143	15	40	154	85	90	7	97	196
Safety Messaging*		296	38	0	188	63	105	41	84	189
I-95**		1,030	506	648	142	0	240	158	32	0
I-75		0	0	0	9	14	0	0	0	0
I-195		24	0	15	0	0	86	2	0	0
I-395		75	0	42	0	0	14	37	3	0
SR 826		48	100	44	404	139	1	0	87	0
M-CSWY		12	0	0	0	0	0	22	0	0
US 1 in Miami-Dade County		15	0	11	0	0	0	3	26	3
US 1 South of Florida City		0	0	0	0	0	0	0	0	81
MDX	SR 112	40	0	18	0	0	11	4	0	0
	SR 836	63	0	12	68	0	14	42	16	0
	SR 874	0	0	0	2	0	0	0	0	0
	SR 878	0	0	0	0	0	0	0	2	0
	SR 924	0	0	0	12	10	0	0	0	0
District 4		31	46	62	19	2	0	0	0	0
Florida's Turnpike		0	0	0	0	0	0	0	0	0
Subtotal of On Route		1,030	506	648	404	14	86	37	26	81
Subtotal of Off Route		747	199	244	594	299	475	279	321	388
Total District 6		1,643	659	800	897	301	536	270	329	469
Other Agencies		134	46	92	101	12	25	46	18	0
Total		1,777	705	892	998	313	561	316	347	469

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

DMS Messages by Time of Day

