



Summary of Monthly Operations

In the month of March, there were 6,188 messages posted with 4,044 DMS activations for 850 events. The DMS efficiency was 99.88% (849 of the 850 signable events had a DMS messages posted). There was an average of 4.76 DMSs activated per each signable event and an average of 1.53 DMS messages were posted per each DMS activation. This resulted in an average of 7.28 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

- $\frac{4044 \text{ DMS Activations}}{850 \text{ Events}} = \mathbf{4.76}$ Average DMS Activations per Event

An average of 4.76 DMSs were activated per each signable event

- $\frac{6188 \text{ DMS Messages}}{4044 \text{ DMS Activations}} = \mathbf{1.53}$ Average DMS Messages per Activation

An average of 1.53 DMS messages were posted per each DMS activation

- $4.76 \frac{\text{DMS Activations}}{\text{Events}} \times 1.53 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \mathbf{7.28^*}$ DMS Messages per Event

An average of 7.28* 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	345
Florida's Turnpike Enterprise	54
Miami-Dade Expressway Authority	595
Total	994

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	4220
Other Districts' Incidents	595
Construction	950
Safety	151
Vehicle Alert	272
Total	6188

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	122	294:54	100.00%
	22	NB I-95 s/ of NW 62 ST	66	109	333:52	100.00%
	75	NB I-95 s/ of SR 112	146	215	439:45	99.65%
	77	NB I-95 n/ of SW 8 ST	134	193	428:58	100.00%
	2	SB I-95 n/ Ives Dairy RD	117	172	165:30	100.00%
	3*	SB I-95 n/ of Miami Gardens DR	145	225	180:39	100.00%
	20	SB I_95 s/ of NW 119 ST	68	100	121:13	100.00%
	21	SB I-95 s/ of NW 62 ST	81	115	129:47	100.00%
	74	SB I_95 s/ of SR 112	54	73	88:46	100.00%
	76	SB I-95 n/ of Rickenbacker CSWY	13	21	27:30	95.16%
I-95 Mainline Subtotal			888	1345	2210:58	99.48%
I-95 Express	95X40	NB 95X at NW 62nd St	46	71	270:52	100.00%
	95X45	NB 95X at NW 125th St	56	103	279:31	100.00%
	95XSB45	SB 95X at NW 62nd St	45	65	270:52	100.00%
	95XSB50	SB 95X at NW 125th St	32	46	270:52	98.39%
I-95 Express Subtotal			179	285	1092:08	99.60%
SR-826	14	NB SR 826 n/ of NW 122 ST	58	91	275:39	100.00%
	4	EB SR 826 e/ of NW 67 AVE	44	65	131:29	100.00%
	5	EB SR 826 e/ of NW 37 AVE	157	243	282:28	100.00%
	15	WB SR 826 w/ of NW 17 AVE	26	54	23:09	100.00%
	17	WB SR 826 w/ of NW 47 AVE	45	73	97:55	99.90%
	19	WB SR 826 w/ of NW 67 AVE	63	88	124:02	100.00%
	826NB58	NB SR 826 s/ of NW 58 ST	52	87	247:57	100.00%
	826SB58	SB SR 826 n/ of NW 58 ST	150	195	401:53	100.00%
	826SB103	SB SR 826 s/ of NW 103 ST	141	187	357:24	100.00%
SR-826 Subtotal			736	1083	1941:59	99.99%
I-75	43	NB I-75 s/ of Miami Gardens DR	17	22	56:47	100.00%
	44	SB I-75 s/ of Miami Gardens DR	73	103	207:18	100.00%
	42	SB I-75 s/ of NW 138 ST	89	126	259:07	100.00%
I-75 Subtotal			179	251	523:12	100.00%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	17	24	60:52	79.74%
	103	EB SR 112 e/ of Toll Plaza	137	226	197:47	98.69%
	105	WB I-195 e/ of Alton RD	84	137	373:47	100.00%
I-195 Mainline Subtotal			238	387	632:27	92.81%
I-395	886WB	Port Blvd WB before US-1	84	128	169:44	100.00%
	104	WB I-395 @ Watson Island	139	196	212:42	100.00%
I-395 Subtotal			223	324	382:27	100.00%
Limited Access Facilities Subtotal			2443	3675	6783:13	98.65%

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	36	64	47:25	54.56%
	113	WB Ives Dairy RD e/ of I-95	73	121	87:22	99.34%
	110	EB Miami Gardens DR w/ of I-95	109	183	96:10	99.37%
	111	WB Miami Gardens DR e/ of I-95	108	182	82:40	95.10%
	112	EB NW 103 ST w/ of I-95	70	103	70:08	91.14%
	106	EB NW 79 ST w/ of I-95	82	120	87:08	100.00%
	107	EB NW 54 ST w/ of I-95	96	139	117:24	100.00%
	108	EB SW 8 ST w/ of I-95	57	82	117:49	100.00%
I-95 Arterial Subtotal			631	994	706:09	92.44%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	156	247	146:45	99.29%
	7	SB Turnpike to the Golden Glades	137	217	116:02	100.00%
	9	NB US-441@TRI-Rail	55	107	769:15	100.00%
	10	NB SR 9 @ the Detention Center	107	183	792:03	100.00%
	8	SB US-441 @NW 179 ST	143	220	116:12	100.00%
Golden Glades Interchange Subtotal			598	974	1940:19	99.86%
I-195 Arterial	38	SB Alton RD to WB I-195	29	47	247:42	100.00%
	39	WB 41 ST to WB I-195	28	46	247:39	99.62%
	40	NB Alton RD to WB I-195	28	46	247:39	100.00%
I-195 Arterial Subtotal			85	139	743:01	99.87%
US 1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	25	36	26:58	100.00%
	45	SB US 1 @ SW 62 AVE & 80 ST	38	51	199:17	100.00%
	47	SB US 1 @ TURNPIKE SB	4	7	7:13	100.00%
	46	NB US 1 @ Killian DR	103	144	263:01	100.00%
	48	NB US 1 @ TURNPIKE NB	4	8	11:07	100.00%
US 1 in Miami-Dade County Subtotal			174	246	507:38	100.00%
US 1 South of Florida City	62	NB US-1 @ Florida City	4	7	11:10	98.70%
	64	NB US_1 @ Mile Marker 106	16	23	62:00	100.00%
	66	NB US_1 @ Mile Marker 91.5	5	8	11:29	98.63%
	68	NB US_1 @ Mile Marker 39.5	17	22	56:35	100.00%
	71	NB US_1 @ Mile Marker 7.5	7	10	9:56	100.00%
	61	SB US-1 @ Florida City	7	12	8:22	98.70%
	63	SB US-1 @ Mile Marker 113	11	14	12:05	100.00%
	65	SB US-1 @ Mile Marker 106	22	29	61:27	100.00%
	67	SB US-1 @ Mile Marker 91.5	7	10	11:33	98.63%
	69	SB US-1 @ Mile Marker 39.5	15	21	57:13	98.71%
	70	SB US-1 @ Mile Marker 7.5	2	4	5:53	100.00%
US 1 South of Florida City Subtotal			113	160	307:48	99.40%
Arterials Subtotal			1601	2513	4204:57	98.31%
Limited Access Facilities Subtotal			2443	3675	6783:13	98.65%
Grand Total			4044	6188	10988:10	98.47%

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*	42	5	0	67	31	30	2	32	63
Safety Messaging*	42	15	0	27	9	18	3	12	25
I-95**	1,132	676	713	180	3	309	200	32	0
I-75	0	0	0	26	27	0	0	0	0
I-195	32	3	27	0	0	118	10	4	0
I-395	14	0	8	0	0	3	39	2	0
SR 826	90	139	63	498	125	2	0	96	0
M-CSWY	36	0	6	0	0	13	17	2	0
US 1 in Miami-Dade County	14	0	7	0	0	2	7	24	4
US 1 South of Florida City	0	0	0	0	0	0	0	0	68
MDX	SR 112	95	0	33	0	0	29	15	0
	SR 836	44	0	7	152	5	2	31	20
	SR 874	0	0	0	23	0	0	0	7
	SR 878	2	0	0	0	0	0	0	11
	SR 924	0	0	0	69	48	0	0	2
District 4	55	129	124	34	3	0	0	0	0
Florida's Turnpike	32	7	6	7	0	0	0	2	0
Subtotal of On Route	1,132	676	713	498	27	118	39	24	68
Subtotal of Off Route	498	298	281	585	224	408	285	222	92
Total District 6	1,402	838	824	798	195	495	278	204	160
Other Agencies	228	136	170	285	56	31	46	42	0
Total	1,630	974	994	1,083	251	526	324	246	160

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

