



Summary of Monthly Operations

In the month of February, there were 4,811 messages posted with 3,337 DMS activations for 713 events. The DMS efficiency was 99.86% (712* of the 713 signable events had a DMS messages posted). There was an average of 4.68 DMSs activated per each signable event and an average of 1.44 DMS messages were posted per each DMS activation. This resulted in an average of 6.75 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.

**Due to an incorrect location selection, Event # 274439 failed to utilize available DMS applicable to the actual location.*

Summary of Average Monthly Operations

- $\frac{3337 \text{ DMS Activations}}{712 \text{ Events}} = \underline{4.68} \text{ Average DMS Activations per Event}$

An average of 4.68 DMSs were activated per each signable event

- $\frac{4811 \text{ DMS Messages}}{3337 \text{ DMS Activations}} = \underline{1.44} \text{ Average DMS Messages per Activation}$

An average of 1.44 DMS messages were posted per each DMS activation

- $4.68 \frac{\text{DMS Activations}}{\text{Events}} \times 1.44 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{6.75^{**}} \text{ DMS Messages per Event}$

*An average of 6.75** 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	304
Florida's Turnpike Enterprise	54
Miami-Dade Expressway Authority	460
Total	818

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	3487
Other Districts' Incidents	517
Construction	664
Safety	0
Vehicle Alert	143
Total	4811

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	60	96	53:52	100.00%
	22	NB I-95 s/ of NW 62 ST	73	110	63:53	100.00%
	75	NB I-95 s/ of SR 112	130	173	181:42	96.83%
	77	NB I-95 n/ of SW 8 ST	129	177	190:46	100.00%
	2	SB I-95 n/ Ives Dairy RD	83	116	102:29	99.80%
	3*	SB I-95 n/ of Miami Gardens DR	99	147	119:39	95.26%
	20	SB I-95 s/ of NW 119 ST	51	79	41:23	100.00%
	21	SB I-95 s/ of NW 62 ST	70	95	144:26	100.00%
	74	SB I-95 s/ of SR 112	59	81	120:42	100.00%
	76	SB I-95 n/ of Rickenbacker CSWY	13	17	18:26	97.80%
I-95 Mainline Subtotal			767	1091	1037:22	98.97%
I-95 Express	95X40	NB 95X at NW 62nd St	37	48	40:29	96.59%
	95X45	NB 95X at NW 125th St	40	56	45:38	96.87%
	95XSB45	SB 95X at NW 62nd St	39	55	40:29	100.00%
	95XSB50	SB 95X at NW 125th St	29	43	40:29	96.87%
I-95 Express Subtotal			145	202	167:07	97.58%
SR-826	14	NB SR 826 n/ of NW 122 ST	49	65	164:19	100.00%
	4	EB SR 826 e/ of NW 67 AVE	27	33	10:37	100.00%
	5	EB SR 826 e/ of NW 37 AVE	106	148	108:06	100.00%
	15	WB SR 826 w/ of NW 17 AVE	18	23	20:02	100.00%
	17	WB SR 826 w/ of NW 47 AVE	35	45	85:06	100.00%
	19	WB SR 826 w/ of NW 67 AVE	69	92	192:40	100.00%
	826NB58	NB SR 826 s/ of NW 58 ST	31	45	37:11	100.00%
	826SB58	SB SR 826 n/ of NW 58 ST	104	135	109:20	100.00%
	826SB103	SB SR 826 s/ of NW 103 ST	102	132	98:27	100.00%
SR-826 Subtotal			541	718	825:52	100.00%
I-75	43	NB I-75 s/ of Miami Gardens DR	8	11	14:33	100.00%
	44	SB I-75 s/ of Miami Gardens DR	70	93	184:13	100.00%
	42	SB I-75 s/ of NW 138 ST	64	92	164:52	100.00%
I-75 Subtotal			142	196	363:39	100.00%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	7	9	11:28	98.53%
	103	EB SR 112 e/ of Toll Plaza	127	179	113:51	100.00%
	105	WB I-195 e/ of Alton RD	62	93	113:26	100.00%
I-195 Mainline Subtotal			196	281	238:46	99.51%
I-395	886WB	Port Blvd WB before US-1	76	99	156:44	100.00%
	104	WB I-395 @ Watson Island	116	150	150:49	100.00%
I-395 Subtotal			192	249	307:34	100.00%
Limited Access Facilities Subtotal			1983	2737	2940:23	99.34%

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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	57	91	53:55	97.10%
	113	WB Ives Dairy RD e/ of I-95	53	86	53:02	99.32%
	110	EB Miami Gardens DR w/ of I-95	73	121	57:01	100.00%
	111	WB Miami Gardens DR e/ of I-95	74	121	57:03	100.00%
	112	EB NW 103 ST w/ of I-95	81	127	41:13	99.58%
	106	EB NW 79 ST w/ of I-95	88	131	89:32	100.00%
	107	EB NW 54 ST w/ of I-95	111	165	122:12	100.00%
	108	EB SW 8 ST w/ of I-95	71	103	118:02	95.75%
I-95 Arterial Subtotal			608	945	592:04	98.97%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	112	165	129:35	99.32%
	7	SB Turnpike to the Golden Glades	89	127	61:59	100.00%
	9	NB US-441@TRI-Rail	31	49	511:54	100.00%
	10	NB SR 9 @ the Detention Center	67	107	533:19	98.07%
	8	SB US-441 @NW 179 ST	88	132	61:12	100.00%
Golden Glades Interchange Subtotal			387	580	1298:02	99.48%
I-195 Arterial	38	SB Alton RD to WB I-195	27	45	41:56	95.60%
	39	WB 41 ST to WB I-195	23	41	28:36	87.51%
	40	NB Alton RD to WB I-195	23	41	28:36	100.00%
I-195 Arterial Subtotal			73	127	99:09	94.37%
US 1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	35	49	51:14	92.10%
	45	SB US 1 @ SW 62 AVE & 80 ST	14	15	21:13	100.00%
	47	SB US 1 @ TURNPIKE SB	6	10	122:34	100.00%
	46	NB US 1 @ Killian DR	81	109	181:00	100.00%
	48	NB US 1 @ TURNPIKE NB	6	8	118:12	100.00%
US 1 in Miami-Dade County Subtotal			142	191	494:15	98.42%
US 1 South of Florida City	62	NB US-1 @ Florida City	3	5	116:24	100.00%
	64	NB US_1 @ Mile Marker 106	15	22	76:18	100.00%
	66	NB US_1 @ Mile Marker 91.5	14	22	72:45	100.00%
	68	NB US_1 @ Mile Marker 39.5	22	31	76:35	97.50%
	71	NB US_1 @ Mile Marker 7.5	21	30	68:11	98.99%
	61	SB US-1 @ Florida City	14	27	80:50	84.28%
	63	SB US-1 @ Mile Marker 113	16	29	37:10	100.00%
	65	SB US-1 @ Mile Marker 106	20	34	45:04	100.00%
	67	SB US-1 @ Mile Marker 91.5	9	17	6:20	99.98%
	69	SB US-1 @ Mile Marker 39.5	9	13	13:34	96.94%
	70	SB US-1 @ Mile Marker 7.5	1	1	1:25	98.52%
US 1 South of Florida City Subtotal			144	231	594:40	97.84%
Arterials Subtotal			1354	2074	3078:12	97.81%
Limited Access Facilities Subtotal			1983	2737	2940:23	99.34%
Grand Total			3337	4811	6018:35	98.72%

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*	26	5	0	33	13	15	2	16	33
Safety Messaging*	0	0	0	0	0	0	0	0	0
I-95**	904	408	684	104	0	321	164	36	0
I-75	0	0	0	5	6	0	0	0	0
I-195	8	0	8	0	0	21	4	2	0
I-395	103	17	61	10	0	27	22	11	0
SR 826	32	47	25	354	113	0	0	76	0
M-CSWY	20	0	0	0	0	2	12	0	0
US 1 in Miami-Dade County	13	0	11	1	0	0	0	24	1
US 1 South of Florida City	0	0	0	0	0	0	0	0	193
MDX	SR 112	62	0	21	0	0	19	7	0
	SR 836	46	0	17	91	0	3	38	18
	SR 874	0	0	0	2	0	0	0	0
	SR 878	0	0	0	0	0	0	0	1
	SR 924	0	0	0	77	58	0	0	0
District 4	51	94	118	37	4	0	0	0	0
Florida's Turnpike	28	9	0	4	0	0	0	7	6
Subtotal of On Route	904	408	684	354	6	21	22	24	193
Subtotal of Off Route	389	172	261	364	188	387	227	167	40
Total District 6	1,106	477	789	507	132	386	204	165	227
Other Agencies	187	103	156	211	62	22	45	26	6
Total	1,293	580	945	718	194	408	249	191	233

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

