



Summary of Monthly Operations

In the month of May there were 3,946 messages posted with 1,909 DMS activations for 438 events. There were 435 signed for events or 99% of the signable events had a DMS message(s) posted. *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

- $\frac{1909 \text{ DMS Activations}}{438 \text{ Events}} = \mathbf{4.36} \text{ DMS Activations / Event}$
- $\frac{3946 \text{ DMS Messages}}{1909 \text{ DMS Activations}} = \mathbf{2.07} \text{ DMS Messages / Activation}$
- $4.36 \frac{\text{DMS Activations}}{\text{Events}} \times 2.07 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \mathbf{9.03} \text{ DMS Messages / Event}$

Table 1 DMS Usage for Other Agencies

Agency	Number of Messages
FDOT District 4	147
Florida’s Turnpike Enterprise	0
Miami-Dade Expressway Authority	154
Total	301

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	1620
Other Districts’ Incidents	240
Construction	1136
Safety	867
Vehicle Alert	83
Total	3,946

MAY 2009
DMS Usage Report for Operations

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	40	95	86:37	100.00%
	22	NB I-95 s/ of NW 62 ST	42	94	158:50	98.26%
	75	NB I-95 s/ of SR 112	79	155	915:25	99.64%
	77	NB I-95 n/ of SW 8 ST	89	148	636:32	91.40%
	2	SB I-95 n/ Ives Dairy RD	33	70	324:44	100.00%
	3	SB I-95 n/ of Miami Gardens DR	65	118	399:20	100.00%
	20	SB I-95 s/ of NW 119 ST	72	141	442:11	100.00%
	21	SB I-95 s/ of NW 62 ST	52	113	464:43	88.67%
	74	SB I-95 s/ of SR 112	34	73	201:30	100.00%
	76	SB I-95 n/ of Rickenbacker CSWY	10	34	50:52	99.83%
I-95 Mainline Subtotal			516	1041	3680:49	97.78%
I-95 Express	95X40	NB 95X at NW 62nd St	21	55	50:40	81.90%
	95X45	NB 95X at NW 125th St	27	70	72:26	99.96%
I-95 Express Subtotal			48	125	123:06	90.93%
SR-826	14	NB SR 826 n/ of NW 122 ST	15	33	40:42	91.82%
	4	EB SR 826 e/ of NW 67 AVE	0	0	0:00	N/A
	5	EB SR 826 e/ of NW 37 AVE	75	136	220:12	100.00%
	15	WB SR 826 w/ of NW 17 AVE	11	36	51:03	100.00%
	17	WB SR 826 w/ of NW 47 AVE	19	48	69:50	99.55%
	19	WB SR 826 w/ of NW 67 AVE	44	84	112:41	100.00%
SR-826 Subtotal			164	337	494:31	98.27%
I-75	43	NB I-75 s/ of Miami Gardens DR	14	38	88:06	100.00%
	44	SB I-75 s/ of Miami Gardens DR	40	81	117:51	100.00%
	42	SB I-75 s/ of NW 138 ST	53	98	123:39	100.00%
I-75 Subtotal			107	217	329:37	100.00%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	7	32	46:00	100.00%
	103	EB SR 112 e/ of Toll Plaza	98	166	539:46	99.70%
	105	WB I-195 e/ of Alton RD	50	130	512:43	99.96%
I-195 Mainline Subtotal			155	328	1098:30	99.89%
I-395	104	WB I-395 @ Watson Island	84	158	848:49	99.96%
I-395 Subtotal			84	158	848:49	99.96%
Limited Access Facilities Subtotal			1074	2206	6575:25	97.81%

* DMS 4, 8, 9, and 10 non-operational, awaiting for capital improvement

MAY 2009
DMS Usage Report for Operations

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	30	46	84:10	100.00%
	113	WB Ives Dairy RD e/ of I-95	32	55	99:44	100.00%
	110	EB Miami Gardens DR w/ of I-95	32	48	79:47	59.66%
	111	WB Miami Gardens DR e/ of I-95	59	99	162:35	100.00%
	112	EB NW 103 ST w/ of I-95	85	126	242:27	100.00%
	106	EB NW 79 ST w/ of I-95	76	115	170:21	100.00%
	107	EB NW 54 ST w/ of I-95	76	119	123:43	100.00%
	108	EB SW 8 ST w/ of I-95	57	98	889:08	99.94%
<i>I-95 Arterial Subtotal</i>			447	706	1851:59	94.95%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	70	127	201:06	100.00%
	7	SB Turnpike to the Golden Glades	78	151	256:57	100.00%
	9	NB US-441@TRI-Rail	0	0	0:00	N/A
	10	NB SR 9 @ the Detention Center	0	0	0:00	N/A
	8	SB US-441 @NW 179 ST	0	0	0:00	N/A
<i>Golden Glades Interchange Subtotal</i>			148	278	458:03	100.00%
I-195 Arterial	38	SB Alton RD to WB I-195	43	108	459:55	99.94%
	39	WB 41 ST to WB I-195	36	97	443:21	85.10%
	40	NB Alton RD to WB I-195	40	104	459:29	100.00%
<i>I-195 Arterial Subtotal</i>			119	309	1362:46	95.01%
US 1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	38	69	871:24	97.29%
	45	SB US 1 @ SW 62 AVE & 80 ST	12	35	62:18	98.16%
	47	SB US 1 @ TURNPIKE SB	3	26	43:44	100.00%
	46	NB US 1 @ Killian DR	25	57	60:14	100.00%
	48	NB US 1 @ TURNPIKE NB	3	26	43:44	100.00%
<i>US 1 in Miami-Dade County Subtotal</i>			81	213	1081:27	99.09%
US 1 South of Florida City	62	NB US-1 @ Florida City	1	7	12:00	94.63%
	64	NB US_1 @ Mile Marker 106	4	26	42:51	93.82%
	66	NB US_1 @ Mile Marker 91.5	4	26	56:02	98.00%
	68	NB US_1 @ Mile Marker 39.5	4	22	51:32	94.53%
	71	NB US_1 @ Mile Marker 7.5	4	22	51:32	94.99%
	61	SB US-1 @ Florida City	5	12	29:50	100.00%
	63	SB US-1 @ Mile Marker 113	5	27	44:05	100.00%
	65	SB US-1 @ Mile Marker 106	3	25	43:37	100.00%
	67	SB US-1 @ Mile Marker 91.5	4	25	41:48	93.29%
	69	SB US-1 @ Mile Marker 39.5	3	21	39:08	94.98%
	70	SB US-1 @ Mile Marker 7.5	3	21	39:08	94.98%
<i>US 1 South of Florida City Subtotal</i>			40	234	451:38	96.29%
<i>Arterials Subtotal</i>			835	1740	5205:55	97.07%
<i>Limited Access Facilities Subtotal</i>			1074	2206	6575:25	97.81%
<i>Grand Total</i>			1909	3946	11781:20	97.41%

* DMS 4, 8, 9, and 10 non-operational, awaiting for capital improvement

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*	17	6	0	12	9	7	2	12	18
Safety Messaging*	236	37	0	97	69	111	23	91	203
I-95**	788	191	598	81	0	163	103	56	0
I-75	0	0	0	2	14	0	0	0	0
I-195	13	0	10	0	0	303	1	1	0
I-395	15	0	11	0	0	2	6	8	0
SR 826	17	11	10	119	101	0	0	26	0
M-CSWY	0	0	0	0	0	0	0	0	0
US 1 in Miami-Dade County	12	0	7	0	0	2	3	8	0
US 1 South of Florida City	0	0	0	0	0	0	0	0	13
MDX	SR 112	15	0	15	0	0	49	5	0
	SR 836	24	0	2	4	8	0	15	4
	SR 874	0	0	0	2	4	0	0	5
	SR 878	0	0	0	0	0	0	0	2
	SR 924	0	0	0	0	0	0	0	0
District 4	29	33	53	20	12	0	0	0	0
Florida's Turnpike	0	0	0	0	0	0	0	0	0
Subtotal of On Route	788	191	598	119	14	303	6	8	13
Subtotal of Off Route	378	87	108	218	203	334	152	205	221
Total District 6	1,098	245	636	311	193	588	138	202	234
Other Agencies	68	33	70	26	24	49	20	11	0
Total	1,166	278	706	337	217	637	158	213	234

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

MAY 2009
DMS Usage Report for Operations

DMS Messages by Time of Day

