



SEPTEMBER 2008
DMS Usage Report

Summary of Monthly Operations

In the month of September there were 1,819 messages posted with 1,357 DMS activations for 346 events. There were 346 signable events or 100% 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

- $\frac{1357 \text{ DMS Activations}}{346 \text{ Events}} = \underline{\mathbf{3.92}} \text{ DMS Activations / Event}$
- $\frac{1819 \text{ DMS Messages}}{1357 \text{ DMS Activations}} = \underline{\mathbf{1.34}} \text{ DMS Messages / Activation}$
- $3.92 \frac{\text{DMS Activations}}{\text{Events}} \times 1.34 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{\mathbf{5.25}} \text{ DMS Messages / Event}$

Table 1 DMS Usage for Other Agencies (new US 1 DMS and are not included)

Agency	Number of Messages
FDOT District 4	125
Florida's Turnpike Enterprise	0
Miami-Dade Expressway Authority	185
Total	310

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	1238
Other Districts' Incidents	266
Construction	262
Safety	53
Amber Alert	0
Total	1819

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Table 3a DMS Usage by Roadway (Limited Access Facilities)

Roadway	ID	Location	# of Events	# of Messages	Duration (Hr:Min)	Availability
I-95 Mainline	1	NB I-95 n/ of NW 103 ST	27	38	80:23	76.94%
	22	NB I-95 s/ of NW 62 ST	27	39	80:36	87.87%
	75	NB I-95 s/ of SR 112	114	133	144:37	100.00%
	77	NB I-95 n/ of SW 8 ST	115	143	109:42	95.36%
	2	SB I-95 n/ Ives Dairy RD	14	23	70:07	89.15%
	3	SB I-95 n/ of Miami Gardens DR	30	50	82:13	100.00%
	20	SB I-95 s/ of NW 119 ST	31	43	40:53	100.00%
	21	SB I-95 s/ of NW 62 ST	20	23	47:59	51.24%
	74	SB I-95 s/ of SR 112	42	58	63:04	97.12%
	76	SB I-95 n/ of Rickenbacker CSWY	6	8	10:10	97.12%
<i>I-95 Mainline Subtotal</i>			426	558	729:48	89.48%
SR-826	14	NB SR 826 n/ of NW 122 ST	23	34	127:13	93.90%
	4	EB SR 826 e/ of NW 67 AVE	0	0	0:00	N/A
	5	EB SR 826 e/ of NW 37 AVE	44	59	91:58	81.57%
	15	WB SR 826 w/ of NW 17 AVE	6	8	13:26	100.00%
	17	WB SR 826 w/ of NW 47 AVE	16	17	35:58	100.00%
	19	WB SR 826 w/ of NW 67 AVE	35	38	62:08	96.73%
<i>SR-826 Subtotal</i>			124	156	330:45	94.44%
I-75	43	NB I-75 s/ of Miami Gardens DR	2	2	0:27	52.36%
	44	SB I-75 s/ of Miami Gardens DR	4	5	1:35	24.36%
	42	SB I-75 s/ of NW 138 ST	34	44	15:48	100.00%
<i>I-75 Subtotal</i>			40	51	17:51	58.91%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	2	4	5:44	91.26%
	103	EB SR 112 e/ of Toll Plaza	94	114	130:45	83.44%
	105	WB I-195 e/ of Alton RD	42	64	116:17	72.44%
<i>I-195 Mainline Subtotal</i>			138	182	252:47	82.38%
I-395	104	WB I-395 @ Waston Island	109	135	128:40	83.45%
<i>I-395 Subtotal</i>			109	135	128:40	83.45%
<i>Limited Access Facilities Subtotal</i>			837	1082	1459:53	81.73%

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

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Table 3b DMS Usage by Roadway (Arterials)

Roadway	ID	Location	# of Events	# of Messages	Duration (Hr:Min)	Availability
I-95 Arterial	109	EB Ives Dairy RD W/ of I-95	26	36	22:00	83.99%
	113	WB Ives Dairy RD e/ of I-95	28	41	23:09	87.12%
	110	EB Miami Gardens DR w/ of I-95	42	57	27:25	82.95%
	111	WB Miami Gardens DR e/ of I-95	46	63	30:47	100.00%
	112	EB NW 103 ST w/ of I-95	39	51	35:04	85.79%
	106	EB NW 79 ST w/ of I-95	42	56	62:46	82.64%
	107	EB NW 54 ST w/ of I-95	59	75	96:07	83.20%
	108	EB SW 8 ST w/ of I-95	42	51	58:11	83.20%
I-95 Arterial Subtotal			324	430	355:32	86.11%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	37	52	80:53	76.11%
	7	SB Turnpike to the Golden Glades	35	47	23:51	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
Golden Glades Interchange Subtotal			72	99	104:45	88.06%
I-195 Arterial	38	SB Alton RD to WB I-195	26	47	78:22	91.19%
	39	WB 41 ST to WB I-195	0	0	0:00	0.00%
	40	NB Alton RD to WB I-195	21	41	66:27	91.21%
I-195 Arterial Subtotal			47	88	144:49	60.80%
US 1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	21	24	62:48	100.00%
	45	SB US 1 @ SW 62 AVE & 80 ST	0	0	0:00	71.84%
	47	SB US 1 @ TURNPIKE SB	3	7	104:42	100.00%
	46	NB US 1 @ Killian DR	10	14	29:08	100.00%
	48	NB US 1 @ TURNPIKE NB	5	8	104:06	100.00%
US 1 in Miami-Dade County Subtotal			39	53	300:46	94.37%
US 1 South of Florida City	62	NB US-1 @ Florida City	2	4	98:50	100.00%
	64	NB US_1 @ Mile Marker 106	3	6	74:02	98.71%
	66	NB US_1 @ Mile Marker 91.5	4	7	74:11	100.00%
	68	NB US_1 @ Mile Marker 39.5	5	8	75:13	91.85%
	71	NB US_1 @ Mile Marker 7.5	1	2	57:53	27.09%
	61	SB US-1 @ Florida City	3	3	2:04	70.82%
	63	SB US-1 @ Mile Marker 113	5	8	65:50	98.71%
	65	SB US-1 @ Mile Marker 106	5	8	65:50	100.00%
	67	SB US-1 @ Mile Marker 91.5	5	9	67:46	98.82%
	69	SB US-1 @ Mile Marker 39.5	3	7	66:02	100.00%
	70	SB US-1 @ Mile Marker 7.5	2	5	63:45	27.09%
US 1 South of Florida City Subtotal			38	67	711:30	83.01%
Arterials Subtotal			520	737	1617:23	82.47%
Limited Access Facilities Subtotal			837	1082	1459:53	81.73%
Grand Total			1357	1819	3077:17	84.44%

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

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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
Amber Alert*	0	0	0	0	0	0	0	0	0
Safety Messaging*	21	0	0		0	0	0	8	24
I-95	409	62	293	25	0	166	101	29	0
I-75	0	0	0	20	2	0	0	1	0
I-195	6	0	8	0	0	78	1	0	0
I-395	9	0	8	0	0	6	4	2	0
SR 826	8	19	23	78	40	0	0	6	0
M-CSWY	0	0	0	0	0	0	0	0	0
US 1 in Miami-Dade County	2	0	0	0	0	0	0	7	0
US 1 South of Florida City	0	0	0	0	0	0	0	0	43
MDX	SR 112	35	0	17	0	0	20	1	0
	SR 836	57	0	11	4	4	0	28	0
	SR 874	0	0	0	0	0	0	0	0
	SR 878	0	0	0	0	0	0	0	0
	SR 924	0	0	0	5	3	0	0	0
District 4	11	18	70	24	2	0	0	0	0
Florida's Turnpike	0	0	0	0	0	0	0	0	0
Subtotal of On Route	409	62	293	78	2	78	4	7	43
Subtotal of Off Route	149	37	137	78	49	192	131	46	24
Total District 6	455	81	332	123	42	250	106	53	67
Other Agencies	103	18	98	33	9	20	29	0	0
Total	558	99	430	156	51	270	135	53	67

Note: *Amber 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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