



**APRIL 2009**  
*DMS Usage Report*



**Summary of Monthly Operations**

In the month of April there were 3,739 messages posted with 1,900 DMS activations for 409 events. There were 408 signed for events or 99.75% 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**

- $\frac{1900 \text{ DMS Activations}}{409 \text{ Events}} = \mathbf{4.65} \text{ DMS Activations / Event}$
- $\frac{3739 \text{ DMS Messages}}{1900 \text{ DMS Activations}} = \mathbf{1.97} \text{ DMS Messages / Activation}$
- $4.65 \frac{\text{DMS Activations}}{\text{Events}} \times 1.97 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \mathbf{9.16} \text{ DMS Messages / Event}$

**Table 1 DMS Usage for Other Agencies**

Agency	Number of Messages
FDOT District 4	173
Florida's Turnpike Enterprise	3
Miami-Dade Expressway Authority	263
<b>Total</b>	<b>439</b>

**Table 2 DMS Usage by Event Type**

Event Type Message	Number of Messages
FDOT District 6 Incidents	1347
Other Districts' Incidents	310
Construction	1328
Safety	557
Vehicle Alert	197
<b>Total</b>	<b>3739</b>

**APRIL 2009**  
**DMS Usage Report for Operations**

**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	39	79	54:38	98.57%
	22	NB I-95 s/ of NW 62 ST	39	67	55:49	100.00%
	75	NB I-95 s/ of SR 112	91	147	325:06	88.21%
	77	NB I-95 n/ of SW 8 ST	96	163	411:03	84.66%
	2	SB I-95 n/ Ives Dairy RD	37	63	109:43	100.00%
	3	SB I-95 n/ of Miami Gardens DR	62	123	220:24	100.00%
	20	SB I-95 s/ of NW 119 ST	69	145	278:59	100.00%
	21	SB I-95 s/ of NW 62 ST	66	125	229:07	90.37%
	74	SB I-95 s/ of SR 112	33	75	157:44	84.13%
	76	SB I-95 n/ of Rickenbacker CSWY	8	27	23:08	87.86%
<b>I-95 Mainline Subtotal</b>			<b>540</b>	<b>1014</b>	<b>1865:46</b>	<b>93.38%</b>
I-95 Express	95X40	NB 95X at NW 62nd St	22	35	13:23	100.00%
	95X45	NB 95X at NW 125th St	28	53	28:13	99.96%
<b>I-95 Express Subtotal</b>			<b>50</b>	<b>88</b>	<b>41:37</b>	<b>99.98%</b>
SR-826	14	NB SR 826 n/ of NW 122 ST	22	39	25:02	90.27%
	4	EB SR 826 e/ of NW 67 AVE	0	0	0:00	N/A
	5	EB SR 826 e/ of NW 37 AVE	62	117	204:20	100.00%
	15	WB SR 826 w/ of NW 17 AVE	12	34	18:03	100.00%
	17	WB SR 826 w/ of NW 47 AVE	24	54	30:21	100.00%
	19	WB SR 826 w/ of NW 67 AVE	38	66	39:22	100.00%
<b>SR-826 Subtotal</b>			<b>158</b>	<b>310</b>	<b>317:10</b>	<b>98.05%</b>
I-75	43	NB I-75 s/ of Miami Gardens DR	12	33	132:24	100.00%
	44	SB I-75 s/ of Miami Gardens DR	40	71	50:03	100.00%
	42	SB I-75 s/ of NW 138 ST	51	88	57:37	100.00%
<b>I-75 Subtotal</b>			<b>103</b>	<b>192</b>	<b>240:05</b>	<b>100.00%</b>
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	12	32	36:19	100.00%
	103	EB SR 112 e/ of Toll Plaza	89	140	262:25	99.57%
	105	WB I-195 e/ of Alton RD	42	112	219:03	99.12%
<b>I-195 Mainline Subtotal</b>			<b>143</b>	<b>284</b>	<b>517:48</b>	<b>99.56%</b>
I-395	104	WB I-395 @ Watson Island	101	161	347:44	99.00%
<b>I-395 Subtotal</b>			<b>101</b>	<b>161</b>	<b>347:44</b>	<b>99.00%</b>
<b>Limited Access Facilities Subtotal</b>			<b>1095</b>	<b>2049</b>	<b>3330:12</b>	<b>98.33%</b>

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

**APRIL 2009**  
*DMS Usage Report for Operations*

**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	44	83	112:12	97.49%
	113	WB Ives Dairy RD e/ of I-95	45	98	120:20	97.51%
	110	EB Miami Gardens DR w/ of I-95	23	48	57:18	35.77%
	111	WB Miami Gardens DR e/ of I-95	57	106	140:11	97.67%
	112	EB NW 103 ST w/ of I-95	84	142	234:50	96.83%
	106	EB NW 79 ST w/ of I-95	82	132	208:25	98.75%
	107	EB NW 54 ST w/ of I-95	85	140	188:22	99.45%
	108	EB SW 8 ST w/ of I-95	63	119	253:55	98.93%
<b>I-95 Arterial Subtotal</b>			<b>483</b>	<b>868</b>	<b>1315:35</b>	<b>90.30%</b>
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	46	81	143:08	100.00%
	7	SB Turnpike to the Golden Glades	63	123	212:08	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
<b>Golden Glades Interchange Subtotal</b>			<b>109</b>	<b>204</b>	<b>355:16</b>	<b>100.00%</b>
I-195 Arterial	38	SB Alton RD to WB I-195	25	88	175:09	99.94%
	39	WB 41 ST to WB I-195	0	0	0:00	0.00%
	40	NB Alton RD to WB I-195	25	88	175:09	100.00%
<b>I-195 Arterial Subtotal</b>			<b>50</b>	<b>176</b>	<b>350:19</b>	<b>66.65%</b>
US 1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	37	73	144:34	94.54%
	45	SB US 1 @ SW 62 AVE & 80 ST	11	31	20:45	100.00%
	47	SB US 1 @ TURNPIKE SB	3	18	10:07	100.00%
	46	NB US 1 @ Killian DR	32	62	57:14	100.00%
	48	NB US 1 @ TURNPIKE NB	3	18	10:07	100.00%
<b>US 1 in Miami-Dade County Subtotal</b>			<b>86</b>	<b>202</b>	<b>242:48</b>	<b>98.91%</b>
US 1 South of Florida City	62	NB US-1 @ Florida City	4	8	6:25	100.00%
	64	NB US_1 @ Mile Marker 106	5	21	14:23	98.97%
	66	NB US_1 @ Mile Marker 91.5	3	18	10:07	100.00%
	68	NB US_1 @ Mile Marker 39.5	12	29	275:57	100.00%
	71	NB US_1 @ Mile Marker 7.5	10	27	271:43	99.22%
	61	SB US-1 @ Florida City	7	22	270:02	100.00%
	63	SB US-1 @ Mile Marker 113	7	22	270:02	100.00%
	65	SB US-1 @ Mile Marker 106	11	28	275:32	100.00%
	67	SB US-1 @ Mile Marker 91.5	9	25	271:16	100.00%
	69	SB US-1 @ Mile Marker 39.5	6	22	14:26	100.00%
	70	SB US-1 @ Mile Marker 7.5	3	18	10:07	100.00%
<b>US 1 South of Florida City Subtotal</b>			<b>77</b>	<b>240</b>	<b>1690:04</b>	<b>99.84%</b>
<b>Arterials Subtotal</b>			<b>805</b>	<b>1690</b>	<b>3954:04</b>	<b>91.14%</b>
<b>Limited Access Facilities Subtotal</b>			<b>1095</b>	<b>2049</b>	<b>3330:12</b>	<b>98.33%</b>
<b>Grand Total</b>			<b>1900</b>	<b>3739</b>	<b>7284:17</b>	<b>94.84%</b>

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

**APRIL 2009**  
**DMS Usage Report for Operations**

**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
<b>Vehicle Alert*</b>	38	4	22	23	19	19	3	24	45
<b>Safety Messaging*</b>	166	15	43	55	45	73	15	71	74
<b>I-95**</b>	663	152	606	84	0	109	100	42	0
<b>I-75</b>	0	0	0	10	9	0	0	0	0
<b>I-195</b>	22	0	19	0	0	213	3	3	0
<b>I-395</b>	33	0	16	0	0	9	4	5	0
<b>SR 826</b>	29	22	29	100	95	0	0	34	0
<b>M-CSWY</b>	0	0	0	0	0	0	0	0	0
<b>US 1 in Miami-Dade County</b>	3	0	4	0	0	0	2	8	0
<b>US 1 South of Florida City</b>	0	0	0	0	0	0	0	0	118
<b>MDX</b>	<b>SR 112</b>	36	0	26	0	0	25	3	0
	<b>SR 836</b>	66	0	18	3	4	12	31	9
	<b>SR 874</b>	0	0	0	0	0	0	0	1
	<b>SR 878</b>	0	0	0	0	0	0	0	5
	<b>SR 924</b>	0	0	0	13	11	0	0	0
<b>District 4</b>	46	11	85	22	9	0	0	0	0
<b>Florida's Turnpike</b>	0	0	0	0	0	0	0	0	3
<b>Subtotal of On Route</b>	663	152	606	100	9	213	4	8	118
<b>Subtotal of Off Route</b>	439	52	262	210	183	247	157	194	122
<b>Total District 6</b>	954	193	739	272	168	423	127	187	237
<b>Other Agencies</b>	148	11	129	38	24	37	34	15	3
<b>Total</b>	1,102	204	868	310	192	460	161	202	240

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

**APRIL 2009**  
*DMS Usage Report for Operations*

