



**Summary of Monthly Operations**

In the month of June there were 4,954 messages posted with 3,171 DMS activations for 566 events. The DMS efficiency was 99.82% (565 of the 566 signable events had a DMS messages posted). There was an average of 5.60 DMSs activated per each signable event and an average of 1.56 DMS messages were posted per each DMS activation. This resulted in an average of 8.75 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.*

**Summary of Average Monthly Operations**

- $\frac{3171 \text{ DMS Activations}}{566 \text{ Events}} = \underline{5.60} \text{ Average DMS Activations per Event}$

*An average of 5.60 DMSs were activated per each signable event*

- $\frac{4954 \text{ DMS Messages}}{3171 \text{ DMS Activations}} = \underline{1.56} \text{ Average DMS Messages per Activation}$

*An average of 1.56 DMS messages were posted per each DMS activation*

- $5.60 \frac{\text{DMS Activations}}{\text{Events}} \times 1.56 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{8.71^*} \text{ DMS Messages per Event}$

*An average of 8.71\* 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	156
Florida's Turnpike Enterprise	4
Miami-Dade Expressway Authority	439
<b>Total</b>	<b>599</b>

**Table 2 DMS Usage by Event Type**

Event Type Message	Number of Messages
FDOT District 6 Incidents	2271
Other Districts' Incidents	325
Construction	909
Safety	1163
Vehicle Alert	286
<b>Total</b>	<b>4954</b>

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**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	0	0	0:00	N/A
	22	NB I-95 s/ of NW 62 ST	84	133	142:55	100.00%
	75	NB I-95 s/ of SR 112	101	144	155:50	98.35%
	77	NB I-95 n/ of SW 8 ST	93	134	177:28	97.47%
	2*	SB I-95 n/ Ives Dairy RD	0	0	0:00	N/A
	3	SB I-95 n/ of Miami Gardens DR	93	140	126:12	100.00%
	20	SB I-95 s/ of NW 119 ST	65	100	147:26	100.00%
	21	SB I-95 s/ of NW 62 ST	74	109	162:56	100.00%
	74	SB I-95 s/ of SR 112	62	94	147:36	100.00%
	76	SB I-95 n/ of Rickenbacker CSWY	23	37	75:54	95.64%
<b>I-95 Mainline Subtotal</b>			<b>595</b>	<b>891</b>	<b>1136:21</b>	<b>98.93%</b>
I-95 Express	95X40	NB 95X at NW 62nd St	34	48	100:25	100.00%
	95X45	NB 95X at NW 125th St	47	73	79:03	100.00%
	95XSB45	SB 95X at NW 62nd St	41	61	244:44	100.00%
	95XSB50	SB 95X at NW 125th St	22	33	89:55	90.14%
<b>I-95 Express Subtotal</b>			<b>144</b>	<b>215</b>	<b>514:10</b>	<b>97.54%</b>
SR-826	14	NB SR 826 n/ of NW 122 ST	52	78	162:17	100.00%
	4	EB SR 826 e/ of NW 67 AVE	45	65	30:21	100.00%
	5*	EB SR 826 e/ of NW 37 AVE	0	0	0:00	N/A
	15	WB SR 826 w/ of NW 17 AVE	36	70	92:55	95.17%
	17	WB SR 826 w/ of NW 47 AVE	50	90	196:53	100.00%
	19	WB SR 826 w/ of NW 67 AVE	71	129	389:49	100.00%
	826NB58	NB SR 826 s/ of NW 58 ST	47	84	197:22	100.00%
	826SB58	SB SR 826 n/ of NW 58 ST	97	166	639:51	100.00%
	826SB103	SB SR 826 s/ of NW 103 ST	92	169	598:07	100.00%
<b>SR-826 Subtotal</b>			<b>490</b>	<b>851</b>	<b>2307:38</b>	<b>99.40%</b>
I-75	43	NB I-75 s/ of Miami Gardens DR	28	44	109:35	100.00%
	44	SB I-75 s/ of Miami Gardens DR	74	139	309:59	100.00%
	42	SB I-75 s/ of NW 138 ST	92	164	413:52	100.00%
<b>I-75 Subtotal</b>			<b>194</b>	<b>347</b>	<b>833:26</b>	<b>100.00%</b>
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	29	46	105:24	99.48%
	103	EB SR 112 e/ of Toll Plaza	98	141	113:39	90.93%
	105	WB I-195 e/ of Alton RD	62	95	157:57	98.36%
<b>I-195 Mainline Subtotal</b>			<b>189</b>	<b>282</b>	<b>377:01</b>	<b>96.26%</b>
I-395	886WB	Port Blvd WB before US-1	74	108	147:09	100.00%
	104	WB I-395 @ Watson Island	103	152	234:49	100.00%
<b>I-395 Subtotal</b>			<b>177</b>	<b>260</b>	<b>381:59</b>	<b>100.00%</b>
<b>Limited Access Facilities Subtotal</b>			<b>1789</b>	<b>2846</b>	<b>5550:38</b>	<b>98.69%</b>

\* DMS 1, 2, 5, and 10 non-operational, waiting for capital improvement

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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	65	101	75:13	99.51%
	113	WB Ives Dairy RD e/ of I-95	36	50	35:07	59.32%
	110	EB Miami Gardens DR w/ of I-95	83	124	79:10	100.00%
	111	WB Miami Gardens DR e/ of I-95	0	0	0:00	0.00%
	112	EB NW 103 ST w/ of I-95	95	148	70:44	99.71%
	106	EB NW 79 ST w/ of I-95	88	133	78:25	98.36%
	107	EB NW 54 ST w/ of I-95	112	163	115:14	98.36%
	108	EB SW 8 ST w/ of I-95	61	92	126:12	98.36%
<b>I-95 Arterial Subtotal</b>			<b>540</b>	<b>811</b>	<b>580:06</b>	<b>81.70%</b>
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	104	154	109:50	100.00%
	7	SB Turnpike to the Golden Glades	95	147	160:46	94.82%
	9	NB US-441@TRI-Rail	44	67	28:07	100.00%
	10*	NB SR 9 @ the Detention Center	0	0	0:00	N/A
	8	SB US-441 @NW 179 ST	79	119	76:35	100.00%
<b>Golden Glades Interchange Subtotal</b>			<b>322</b>	<b>487</b>	<b>375:20</b>	<b>98.71%</b>
I-195 Arterial	38	SB Alton RD to WB I-195	24	32	9:07	100.00%
	39	WB 41 ST to WB I-195	24	32	9:07	99.96%
	40	NB Alton RD to WB I-195	24	32	9:07	100.00%
<b>I-195 Arterial Subtotal</b>			<b>72</b>	<b>96</b>	<b>27:23</b>	<b>99.99%</b>
US 1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	34	45	52:03	100.00%
	45	SB US 1 @ SW 62 AVE & 80 ST	46	74	297:10	100.00%
	47	SB US 1 @ TURNPIKE SB	20	34	84:46	100.00%
	46	NB US 1 @ Killian DR	91	151	399:23	99.50%
	48	NB US 1 @ TURNPIKE NB	20	31	92:18	100.00%
<b>US 1 in Miami-Dade County Subtotal</b>			<b>211</b>	<b>335</b>	<b>925:42</b>	<b>99.90%</b>
US 1 South of Florida City	62	NB US-1 @ Florida City	6	6	1:26	35.20%
	64	NB US_1 @ Mile Marker 106	26	42	125:37	96.17%
	66	NB US_1 @ Mile Marker 91.5	24	40	107:40	100.00%
	68	NB US_1 @ Mile Marker 39.5	30	49	140:07	93.88%
	71	NB US_1 @ Mile Marker 7.5	25	41	107:38	98.39%
	61	SB US-1 @ Florida City	19	22	25:48	100.00%
	63	SB US-1 @ Mile Marker 113	19	33	77:29	99.49%
	65	SB US-1 @ Mile Marker 106	27	44	122:55	96.18%
	67	SB US-1 @ Mile Marker 91.5	19	33	67:45	100.00%
	69	SB US-1 @ Mile Marker 39.5	25	41	106:46	95.88%
	70	SB US-1 @ Mile Marker 7.5	17	28	65:09	97.49%
<b>US 1 South of Florida City Subtotal</b>			<b>237</b>	<b>379</b>	<b>948:25</b>	<b>92.06%</b>
<b>Arterials Subtotal</b>			<b>1382</b>	<b>2108</b>	<b>2856:57:59</b>	<b>94.47%</b>
<b>Limited Access Facilities Subtotal</b>			<b>1789</b>	<b>2846</b>	<b>5550:38</b>	<b>98.69%</b>
<b>Grand Total</b>			<b>3171</b>	<b>4954</b>	<b>8407:36</b>	<b>95.36%</b>

\* DMS 1, 2, 5, and 10 non-operational, waiting for capital improvement

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*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>	45	12	7	49	33	28	3	39	70
<b>Safety Messaging*</b>	255	67	96	173	73	112	38	112	237
<b>I-95**</b>	525	256	531	11	2	155	120	22	0
<b>I-75</b>	0	0	0	10	23	0	0	0	0
<b>I-195</b>	24	0	16	0	0	45	6	2	0
<b>I-395</b>	18	0	11	0	0	5	20	3	0
<b>SR 826</b>	61	102	45	501	166	6	0	119	0
<b>M-CSWY</b>	0	0	0	0	0	0	4	0	0
<b>US 1 in Miami-Dade County</b>	4	0	3	0	0	0	0	17	0
<b>US 1 South of Florida City</b>	0	0	0	0	0	0	0	1	72
<b>MDX</b>	<b>SR 112</b>	47	0	15	0	0	16	5	0
	<b>SR 836</b>	92	0	37	10	4	11	64	2
	<b>SR 874</b>	0	0	0	32	10	0	0	8
	<b>SR 878</b>	0	0	0	0	0	0	0	6
	<b>SR 924</b>	0	0	0	46	34	0	0	0
<b>District 4</b>	35	50	50	19	2	0	0	0	0
<b>Florida's Turnpike</b>	0	0	0	0	0	0	0	4	0
<b>Subtotal of On Route</b>	525	256	531	501	23	45	20	17	72
<b>Subtotal of Off Route</b>	581	231	280	350	324	333	240	318	307
<b>Total District 6</b>	932	437	709	744	297	351	191	315	379
<b>Other Agencies</b>	174	50	102	107	50	27	69	20	0
<b>Total</b>	1,106	487	811	851	347	378	260	335	379

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

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**DMS Messages by Time of Day**

