



### Summary of Monthly Operations

In the month of April, there were 7,217 messages posted with 4,088 DMS activations for 832 events. The DMS efficiency was 99.76% (830 of the 832 signable events had a DMS messages posted). There was an average of 4.91 DMSs activated per each signable event and an average of 1.77 DMS messages were posted per each DMS activation. This resulted in an average of 8.67 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

- $$\frac{4088 \text{ DMS Activations}}{832 \text{ Events}} = \underline{4.91} \text{ Average DMS Activations per Event}$$

*An average of 4.91 DMSs were activated per each signable event*

- $$\frac{7217 \text{ DMS Messages}}{4088 \text{ DMS Activations}} = \underline{1.77} \text{ Average DMS Messages per Activation}$$

*An average of 1.77 DMS messages were posted per each DMS activation*

- $$4.91 \frac{\text{DMS Activations}}{\text{Events}} \times 1.77 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{8.67^*} \text{ DMS Messages per Event}$$

*An average of 8.67\* 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	328
Florida's Turnpike Enterprise	42
Miami-Dade Expressway Authority	646
<b>Total</b>	<b>1016</b>

**Table 2 DMS Usage by Event Type**

Event Type Message	Number of Messages
FDOT District 6 Incidents	4144
Other Districts' Incidents	711
Construction	1474
Safety	519
Vehicle Alert	369
<b>Total</b>	<b>7217</b>

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

<b>Roadway</b>	<b>ID</b>	<b>Location</b>	<b># of Activations</b>	<b># of Messages</b>	<b>Duration (Hr:Min)</b>	<b>Availability</b>
I-95 Mainline	1	NB I-95 n/ of NW 103 ST	75	126	170:53	100.00%
	22	NB I-95 s/ of NW 62 ST	73	124	156:48	100.00%
	75	NB 1-95 s/ of SR 112	129	197	220:54	99.68%
	77	NB I-95 n/ of SW 8 ST	129	206	287:11	100.00%
	2	SB I-95 n/ Ives Dairy RD	137	212	494:43	100.00%
	3	SB I-95 n/ of Miami Gardens DR	150	252	506:05	100.00%
	20	SB I_95 s/ of NW 119 ST	61	116	292:58	100.00%
	21	SB I-95 s/ of NW 62 ST	75	131	310:06	100.00%
	74	SB I_95 s/ of SR 112	66	114	317:48	100.00%
	76	SB I-95 n/ of Rickenbacker CSWY	7	16	27:02	92.44%
<b><i>I-95 Mainline Subtotal</i></b>			<b>902</b>	<b>1494</b>	<b>2784:34</b>	<b>99.21%</b>
I-95 Express	95X40	NB 95X at NW 62nd St	50	81	100:12	100.00%
	95X45	NB 95X at NW 125th St	57	101	139:09	100.00%
	95XSB45	SB 95X at NW 62nd St	59	101	100:12	100.00%
	95XSB50	SB 95X at NW 125th St	53	76	100:12	100.00%
<b><i>I-95 Express Subtotal</i></b>			<b>219</b>	<b>359</b>	<b>439:47</b>	<b>100.00%</b>
SR 826	14	NB SR 826 n/ of NW 122 ST	78	181	428:44	100.00%
	4	EB SR 826 e/ of NW 67 AVE	56	139	263:41	100.00%
	5	EB SR 826 e/ of NW 37 AVE	151	288	468:41	100.00%
	15	WB SR 826 w/ of NW 17 AVE	34	67	52:49	100.00%
	17	WB SR 826 w/ of NW 47 AVE	48	86	110:06	99.79%
	19	WB SR 826 w/ of NW 67 AVE	70	122	293:26	100.00%
	826NB58	NB SR 826 s/ of NW 58 ST	55	155	390:21	100.00%
	826SB58	SB SR 826 n/ of NW 58 ST	123	187	485:38	100.00%
	826SB103	SB SR 826 s/ of NW 103 ST	123	187	444:53	100.00%
<b><i>SR 826 Subtotal</i></b>			<b>738</b>	<b>1412</b>	<b>2938:22</b>	<b>99.98%</b>
I-75	43	NB I-75 s/ of Miami Gardens DR	18	40	76:24	100.00%
	44	SB I-75 s/ of Miami Gardens DR	88	203	597:10	98.52%
	42	SB I-75 s/ of NW 138 ST	111	231	628:53	97.03%
<b><i>I-75 Subtotal</i></b>			<b>217</b>	<b>474</b>	<b>1302:28</b>	<b>98.52%</b>
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	20	34	81:59	100.00%
	103	EB SR 112 e/ of Toll Plaza	141	215	180:13	97.40%
	105	WB I-195 e/ of Alton RD	95	177	382:21	100.00%
<b><i>I-195 Mainline Subtotal</i></b>			<b>256</b>	<b>426</b>	<b>644:34</b>	<b>99.13%</b>
I-395	886WB	Port Blvd WB before US-1	90	161	341:46	100.00%
	104	WB I-395 @ Watson Island	129	212	378:39	100.00%
<b><i>I-395 Subtotal</i></b>			<b>219</b>	<b>373</b>	<b>720:26</b>	<b>100.00%</b>
<b><i>Limited Access Facilities Subtotal</i></b>			<b>2551</b>	<b>4538</b>	<b>8830:13</b>	<b>99.47%</b>

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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	32	46	43:34	30.87%
	113	WB Ives Dairy RD e/ of I-95	78	120	140:15	98.98%
	110	EB Miami Gardens DR w/ of I-95	93	151	139:48	97.13%
	111	WB Miami Gardens DR e/ of I-95	91	148	138:58	97.13%
	112	EB NW 103 ST w/ of I-95	77	123	67:07	95.64%
	106	EB NW 79 ST w/ of I-95	97	142	82:37	100.00%
	107	EB NW 54 ST w/ of I-95	109	166	112:39	100.00%
	108	EB SW 8 ST w/ of I-95	52	83	76:23	100.00%
<b><i>I-95 Arterial Subtotal</i></b>			<b>629</b>	<b>979</b>	<b>801:24</b>	<b>89.97%</b>
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	143	240	245:02	100.00%
	7	SB Turnpike to the Golden Glades	126	220	204:57	100.00%
	9	NB US-441@TRI-Rail	52	88	679:01	100.00%
	10	NB SR 9 @ the Detention Center	82	155	682:27	100.00%
	8	SB US-441 @NW 179 ST	125	215	104:36	100.00%
<b><i>Golden Glades Interchange Subtotal</i></b>			<b>528</b>	<b>918</b>	<b>1916:06</b>	<b>100.00%</b>
I-195 Arterial	38	SB Alton RD to WB I-195	42	99	302:26	100.00%
	39	WB 41 ST to WB I-195	39	93	301:37	100.00%
	40	NB Alton RD to WB I-195	38	92	296:36	100.00%
<b><i>I-195 Arterial Subtotal</i></b>			<b>119</b>	<b>284</b>	<b>900:40</b>	<b>100.00%</b>
US-1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	18	39	28:43	100.00%
	45	SB US-1 @ SW 62 AVE & 80 ST	33	54	133:01	100.00%
	47	SB US-1 @ TURNPIKE SB	4	14	35:08	100.00%
	46	NB US-1 @ Killian DR	74	114	186:25	100.00%
	48	NB US-1 @ TURNPIKE NB	10	21	31:37	100.00%
<b><i>US-1 in Miami-Dade County Subtotal</i></b>			<b>139</b>	<b>242</b>	<b>414:56</b>	<b>100.00%</b>
US-1 South of Florida City	62	NB US-1 @ Florida City	4	13	23:05	100.00%
	64	NB US-1 @ Mile Marker 106	13	27	71:34	99.33%
	66	NB US-1 @ Mile Marker 91.5	5	15	35:51	99.60%
	68	NB US-1 @ Mile Marker 39.5	19	34	132:23	100.00%
	71	NB US-1 @ Mile Marker 7.5	13	25	105:48	99.99%
	61	SB US-1 @ Florida City	6	9	69:04	100.00%
	63	SB US-1 @ Mile Marker 113	12	26	106:07	99.33%
	65	SB US-1 @ Mile Marker 106	21	39	134:52	99.33%
	67	SB US-1 @ Mile Marker 91.5	11	25	105:36	100.00%
	69	SB US-1 @ Mile Marker 39.5	14	29	72:24	100.00%
	70	SB US-1 @ Mile Marker 7.5	4	14	35:08	99.22%
<b><i>US-1 South of Florida City Subtotal</i></b>			<b>122</b>	<b>256</b>	<b>891:57</b>	<b>99.71%</b>
<b><i>Arterials Subtotal</i></b>			<b>1537</b>	<b>2679</b>	<b>4925:04</b>	<b>97.94%</b>
<b><i>Limited Access Facilities Subtotal</i></b>			<b>2551</b>	<b>4538</b>	<b>8830:13</b>	<b>99.47%</b>
<b><i>Grand Total</i></b>			<b>4088</b>	<b>7217</b>	<b>13755:17</b>	<b>98.44%</b>

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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
<b>Vehicle Alert*</b>	66	18	0	76	37	40	5	40	87
<b>Safety Messaging*</b>	139	49	0	86	30	59	19	38	99
<b>I-95**</b>	1,248	631	771	193	3	326	180	24	0
<b>I-75</b>	0	0	0	11	13	0	0	0	0
<b>I-195</b>	18	0	14	0	0	176	6	0	0
<b>I-395</b>	34	0	20	0	0	18	71	7	0
<b>SR 826</b>	48	111	16	764	335	0	0	61	0
<b>M-CSWY</b>	64	0	2	0	0	28	25	0	0
<b>US-1 in Miami-Dade County</b>	1	0	2	0	0	0	0	22	3
<b>US-1 South of Florida City</b>	0	0	0	0	0	0	0	0	67
<b>MDX</b>	<b>SR 112</b>	72	0	23	0	0	30	8	0
	<b>SR 836</b>	97	5	26	106	2	33	59	34
	<b>SR 874</b>	0	0	0	54	18	0	0	4
	<b>SR 878</b>	1	0	1	0	0	0	0	9
	<b>SR 924</b>	0	0	0	40	24	0	0	0
<b>District 4</b>	46	92	101	77	12	0	0	0	0
<b>Florida's Turnpike</b>	19	12	3	5	0	0	0	3	0
<b>Subtotal of On Route</b>	1,248	631	771	764	13	176	71	22	67
<b>Subtotal of Off Route</b>	605	287	208	648	461	534	302	220	189
<b>Total District 6</b>	1,618	809	825	1,130	418	647	306	192	256
<b>Other Agencies</b>	235	109	154	282	56	63	67	50	0
<b>Total</b>	1,853	918	979	1,412	474	710	373	242	256

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

