



### Summary of Monthly Operations

In the month of May, there were 9,052 messages posted with 4,200 DMS activations for 798 events. The DMS efficiency was 99.87% (797 of the 798 signable events had a DMS messages posted). There was an average of 5.26 DMSs activated per each signable event and an average of 2.16 DMS messages were posted per each DMS activation. This resulted in an average of 11.34 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

- $$\frac{4200 \text{ DMS Activations}}{798 \text{ Events}} = \underline{5.26} \text{ Average DMS Activations per Event}$$

*An average of 5.26 DMSs were activated per each signable event*

- $$\frac{9052 \text{ DMS Messages}}{4200 \text{ DMS Activations}} = \underline{2.16} \text{ Average DMS Messages per Activation}$$

*An average of 2.16 DMS messages were posted per each DMS activation*

- $$5.26 \frac{\text{DMS Activations}}{\text{Events}} \times 2.16 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{11.34^*} \text{ DMS Messages per Event}$$

*An average of 11.34\* 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	402
Florida's Turnpike Enterprise	7
Miami-Dade Expressway Authority	677
<b>Total</b>	<b>1086</b>

**Table 2 DMS Usage by Event Type**

Event Type Message	Number of Messages
FDOT District 6 Incidents	4257
Other Districts' Incidents	640
Construction	2009
Safety	1708
Vehicle Alert	438
<b>Total</b>	<b>9052</b>



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	75	197	382:20	100.00%
	22	NB I-95 s/ of NW 62 ST	77	200	427:12	100.00%
	75	NB I-95 s/ of SR 112	166	327	584:00	100.00%
	77	NB I-95 n/ of SW 8 ST	160	327	547:15	100.00%
	2	SB I-95 n/ Ives Dairy RD	115	222	441:05	100.00%
	3	SB I-95 n/ of Miami Gardens DR	130	257	486:20	100.00%
	20	SB I_95 s/ of NW 119 ST	67	157	237:31	100.00%
	21	SB I-95 s/ of NW 62 ST	86	174	321:55	100.00%
	74	SB I_95 s/ of SR 112	56	128	166:06	100.00%
	76	SB I-95 n/ of Rickenbacker CSWY	15	47	91:00	98.54%
<b>I-95 Mainline Subtotal</b>			<b>947</b>	<b>2036</b>	<b>3684:47</b>	<b>99.85%</b>
I-95 Express	95X40	NB 95X at NW 62nd St	65	136	307:28	99.91%
	95X45	NB 95X at NW 125th St	73	166	339:37	99.89%
	95XSB45	SB 95X at NW 62nd St	69	146	307:28	99.92%
	95XSB50	SB 95X at NW 125th St	49	110	307:28	99.92%
<b>I-95 Express Subtotal</b>			<b>256</b>	<b>558</b>	<b>1262:04</b>	<b>99.91%</b>
SR 826	14	NB SR 826 n/ of NW 122 ST	55	112	309:28	100.00%
	4	EB SR 826 e/ of NW 67 AVE	48	108	253:45	100.00%
	5	EB SR 826 e/ of NW 37 AVE	149	268	394:48	100.00%
	15	WB SR 826 w/ of NW 17 AVE	28	66	119:25	100.00%
	17	WB SR 826 w/ of NW 47 AVE	40	89	143:03	100.00%
	19	WB SR 826 w/ of NW 67 AVE	48	104	277:22	100.00%
	826NB58	NB SR 826 s/ of NW 58 ST	50	111	198:29	100.00%
	826SB58	SB SR 826 n/ of NW 58 ST	142	251	704:43	100.00%
	826SB103	SB SR 826 s/ of NW 103 ST	127	215	678:55	100.00%
<b>SR 826 Subtotal</b>			<b>687</b>	<b>1324</b>	<b>3080:03</b>	<b>100.00%</b>
I-75	43	NB I-75 s/ of Miami Gardens DR	24	62	120:54	84.87%
	44	SB I-75 s/ of Miami Gardens DR	55	112	261:34	84.86%
	42	SB I-75 s/ of NW 138 ST	73	144	327:23	86.65%
<b>I-75 Subtotal</b>			<b>152</b>	<b>318</b>	<b>709:52</b>	<b>85.46%</b>
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	23	62	128:01	100.00%
	103	EB SR 112 e/ of Toll Plaza	129	250	299:06	79.76%
	105	WB I-195 e/ of Alton RD	111	250	512:00	99.36%
<b>I-195 Mainline Subtotal</b>			<b>263</b>	<b>562</b>	<b>939:08</b>	<b>93.04%</b>
I-395	886WB	Port Blvd WB before US-1	84	184	209:49	99.98%
	104	WB I-395 @ Watson Island	137	259	243:00	100.00%
<b>I-395 Subtotal</b>			<b>221</b>	<b>443</b>	<b>452:50</b>	<b>99.99%</b>
<b>Limited Access Facilities Subtotal</b>			<b>2526</b>	<b>5241</b>	<b>10128:46</b>	<b>96.38%</b>



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	64	132	112:24	79.33%
	113	WB Ives Dairy RD e/ of I-95	75	153	146:30	99.94%
	110	EB Miami Gardens DR w/ of I-95	83	176	147:41	94.94%
	111	WB Miami Gardens DR e/ of I-95	85	173	132:07	94.94%
	112	EB NW 103 ST w/ of I-95	62	121	96:31	73.39%
	106	EB NW 79 ST w/ of I-95	109	220	248:50	100.00%
	107	EB NW 54 ST w/ of I-95	117	218	280:49	100.00%
	108	EB SW 8 ST w/ of I-95	71	148	166:50	100.00%
<b>I-95 Arterial Subtotal</b>			<b>666</b>	<b>1341</b>	<b>1331:44</b>	<b>92.82%</b>
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	143	262	190:46	100.00%
	7	SB Turnpike to the Golden Glades	128	245	204:03	100.00%
	9	NB US-441@TRI-Rail	56	156	890:46	100.00%
	10	NB SR 9 @ the Detention Center	92	211	915:07	100.00%
	8	SB US-441 @NW 179 ST	130	247	211:33	100.00%
<b>Golden Glades Interchange Subtotal</b>			<b>549</b>	<b>1121</b>	<b>2412:17</b>	<b>100.00%</b>
I-195 Arterial	38	SB Alton RD to WB I-195	40	131	291:42	100.00%
	39	WB 41 ST to WB I-195	40	130	310:54	100.00%
	40	NB Alton RD to WB I-195	40	125	281:11	99.57%
<b>I-195 Arterial Subtotal</b>			<b>120</b>	<b>386</b>	<b>883:48</b>	<b>99.86%</b>
US-1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	33	82	155:05	100.00%
	45	SB US-1 @ SW 62 AVE & 80 ST	36	78	114:20	100.00%
	47	SB US-1 @ TURNPIKE SB	10	39	90:16	100.00%
	46	NB US-1 @ Killian DR	106	202	373:54	100.00%
	48	NB US-1 @ TURNPIKE NB	10	43	69:13	100.00%
<b>US-1 in Miami-Dade County Subtotal</b>			<b>195</b>	<b>444</b>	<b>802:49</b>	<b>100.00%</b>
US-1 South of Florida City	62	NB US-1 @ Florida City	7	36	116:56	100.00%
	64	NB US-1 @ Mile Marker 106	21	65	158:57	100.00%
	66	NB US-1 @ Mile Marker 91.5	11	48	99:04	100.00%
	68	NB US-1 @ Mile Marker 39.5	23	71	161:35	99.74%
	71	NB US-1 @ Mile Marker 7.5	11	50	118:10	99.97%
	61	SB US-1 @ Florida City	4	19	24:37	100.00%
	63	SB US-1 @ Mile Marker 113	9	40	90:57	99.98%
	65	SB US-1 @ Mile Marker 106	21	60	108:05	99.12%
	67	SB US-1 @ Mile Marker 91.5	10	41	69:58	100.00%
	69	SB US-1 @ Mile Marker 39.5	19	55	130:12	97.02%
	70	SB US-1 @ Mile Marker 7.5	8	34	66:18	100.00%
<b>US-1 South of Florida City Subtotal</b>			<b>144</b>	<b>519</b>	<b>1144:53</b>	<b>99.62%</b>
<b>Arterials Subtotal</b>			<b>1674</b>	<b>3811</b>	<b>6575:34</b>	<b>98.46%</b>
<b>Limited Access Facilities Subtotal</b>			<b>2526</b>	<b>5241</b>	<b>10128:46</b>	<b>96.38%</b>
<b>Grand Total</b>			<b>4200</b>	<b>9052</b>	<b>16704:21</b>	<b>97.96%</b>



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*	74	15	0	98	46	43	3	52	107	
Safety Messaging*	411	153	112	278	81	153	62	137	321	
I-95**	1,520	634	860	162	0	391	262	52	0	
I-75	0	0	0	18	30	0	0	0	0	
I-195	22	0	22	0	0	241	10	0	0	
I-395	76	32	7	0	0	13	16	15	0	
SR 826	75	108	50	510	134	2	2	89	0	
M-CSWY	60	8	0	4	0	9	27	2	0	
US-1 in Miami-Dade County	76	26	41	15	0	36	24	48	5	
US-1 South of Florida City	0	0	0	0	0	0	0	0	86	
MDX	SR 112	190	0	90	0	0	58	13	2	0
	SR 836	27	0	12	126	4	2	24	36	0
	SR 874	0	0	0	34	4	0	0	7	0
	SR 878	0	0	0	0	0	0	0	4	0
	SR 924	0	0	0	33	11	0	0	0	0
District 4	60	142	147	45	8	0	0	0	0	
Florida's Turnpike	3	3	0	1	0	0	0	0	0	
Subtotal of On Route	1,520	634	860	510	30	241	16	48	86	
Subtotal of Off Route	1,074	487	481	814	288	707	427	396	433	
Total District 6	2,314	976	1,092	1,085	291	888	406	395	519	
Other Agencies	280	145	249	239	27	60	37	49	0	
<b>Total</b>	<b>2,594</b>	<b>1,121</b>	<b>1,341</b>	<b>1,324</b>	<b>318</b>	<b>948</b>	<b>443</b>	<b>444</b>	<b>519</b>	

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



### DMS Messages by Time of Day

