



Summary of Monthly Operations

In the month of August, there were 4,789 messages posted with 3,183 DMS activations for 677 events. The DMS efficiency was 100% (677 of the 677 signable events had a DMS messages posted). There was an average of 4.70 DMSs activated per each signable event and an average of 1.50 DMS messages were posted per each DMS activation. This resulted in an average of 7.07 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

- $\frac{3183 \text{ DMS Activations}}{677 \text{ Events}} = \underline{4.70} \text{ Average DMS Activations per Event}$

An average of 4.70 DMSs were activated per each signable event

- $\frac{4789 \text{ DMS Messages}}{3183 \text{ DMS Activations}} = \underline{1.50} \text{ Average DMS Messages per Activation}$

An average of 1.50 DMS messages were posted per each DMS activation

- $4.70 \frac{\text{DMS Activations}}{\text{Events}} \times 1.50 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{7.07^*} \text{ DMS Messages per Event}$

An average of 7.07 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	340
Florida's Turnpike Enterprise	0
Miami-Dade Expressway Authority	477
Total	817

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	2795
Other Districts' Incidents	561
Construction	1072
Safety	94
Vehicle Alert	267
Total	4789

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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	30	57	39:00	N/A
	22*	NB I-95 s/ of NW 62 ST	68	97	81:05	N/A
	75	NB I-95 s/ of SR 112	101	158	186:42	98.79%
	77	NB I-95 n/ of SW 8 ST	79	113	146:49	100.00%
	2*	SB I-95 n/ lves Dairy RD	86	141	458:45	N/A
	3*	SB I-95 n/ of Miami Gardens DR	0	0	0:00	N/A
	20*	SB I_95 s/ of NW 119 ST	66	91	97:12	N/A
	21*	SB I-95 s/ of NW 62 ST	55	73	100:49	N/A
	74	SB I_95 s/ of SR 112	48	61	91:26	99.98%
	76	SB I-95 n/ of Rickenbacker CSWY	6	10	12:08	98.36%
I-95 Mainline Subtotal			539	801	1213:59	99.28%
I-95 Express	95X40	NB 95X at NW 62nd St	31	40	28:15	17.13%
	95X45	NB 95X at NW 125th St	46	63	53:01	99.21%
	95XSB45	SB 95X at NW 62nd St	33	48	51:07	100.00%
	95XSB50	SB 95X at NW 125th St	15	26	20:36	98.68%
I-95 Express Subtotal			125	177	152:59	78.76%
SR-826	14	NB SR 826 n/ of NW 122 ST	54	95	325:26	100.00%
	4*	EB SR 826 e/ of NW 67 AVE	42	58	270:35	N/A
	5*	EB SR 826 e/ of NW 37 AVE	121	179	523:36	N/A
	15	WB SR 826 w/ of NW 17 AVE	20	44	26:02	99.06%
	17	WB SR 826 w/ of NW 47 AVE	44	91	313:22	100.00%
	19	WB SR 826 w/ of NW 67 AVE	73	152	537:29	100.00%
	826NB58	NB SR 826 s/ of NW 58 ST	46	87	299:54	100.00%
	826SB58	SB SR 826 n/ of NW 58 ST	108	152	463:06	100.00%
	826SB103	SB SR 826 s/ of NW 103 ST	99	150	426:05	100.00%
SR-826 Subtotal			607	1008	3185:38	99.87%
I-75	43	NB I-75 s/ of Miami Gardens DR	30	38	103:11	100.00%
	44	SB I-75 s/ of Miami Gardens DR	61	112	269:53	100.00%
	42	SB I-75 s/ of NW 138 ST	88	146	345:55	100.00%
I-75 Subtotal			179	296	719:00	100.00%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	16	19	53:25	100.00%
	103	EB SR 112 e/ of Toll Plaza	100	147	100:37	100.00%
	105	WB I-195 e/ of Alton RD	81	112	179:40	95.62%
I-195 Mainline Subtotal			197	278	333:43	98.54%
I-395	886WB	Port Blvd WB before US-1	66	89	120:18	100.00%
	104	WB I-395 @ Watson Island	102	143	188:51	99.88%
I-395 Subtotal			168	232	309:09	99.94%
Limited Access Facilities Subtotal			1815	2792	5914:32	96.06%

* DMS 1-10, and 20-23 are undergoing testing and are used periodically. System availability is not measured for these devices.

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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	70	105	72:04	36.33%
	113	WB Ives Dairy RD e/ of I-95	73	101	75:16	9.62%
	110	EB Miami Gardens DR w/ of I-95	97	146	88:44	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	83	119	73:03	96.57%
	106	EB NW 79 ST w/ of I-95	90	134	82:07	96.28%
	107	EB NW 54 ST w/ of I-95	103	150	117:47	100.00%
	108	EB SW 8 ST w/ of I-95	56	76	79:32	100.00%
I-95 Arterial Subtotal			572	831	588:36	67.35%
Golden Glades Interchange	6*	WB SR 826 w/ of NE 2nd AVE	123	201	474:27	N/A
	7*	SB Turnpike to the Golden Glades	76	119	292:31	N/A
	9*	NB US-441@TRI-Rail	49	87	774:56	N/A
	10*	NB SR 9 @ the Detention Center	90	144	794:09	N/A
	8*	SB US-441 @NW 179 ST	110	173	469:41	N/A
Golden Glades Interchange Subtotal			448	724	2805:46	N/A
I-195 Arterial	38	SB Alton RD to WB I-195	27	39	58:54	100.00%
	39	WB 41 ST to WB I-195	23	31	57:20	99.98%
	40	NB Alton RD to WB I-195	26	35	58:19	100.00%
I-195 Arterial Subtotal			76	105	174:35	99.99%
US 1 in Miami-Dade County	23*	NB US-1 n/ of SW 17 AVE	20	24	28:31	N/A
	45	SB US 1 @ SW 62 AVE & 80 ST	37	46	143:41	100.00%
	47	SB US 1 @ TURNPIKE SB	4	5	10:18	100.00%
	46	NB US 1 @ Killian DR	91	127	361:21	98.53%
	48	NB US 1 @ TURNPIKE NB	5	6	15:37	100.00%
US 1 in Miami-Dade County Subtotal			157	208	559:30	99.63%
US 1 South of Florida City	62	NB US-1 @ Florida City	1	1	5:15	74.73%
	64	NB US_1 @ Mile Marker 106	18	21	61:28	99.28%
	66	NB US_1 @ Mile Marker 91.5	6	8	11:53	100.00%
	68	NB US_1 @ Mile Marker 39.5	23	26	63:33	95.19%
	71	NB US_1 @ Mile Marker 7.5	8	8	9:54	99.67%
	61	SB US-1 @ Florida City	6	6	4:23	100.00%
	63	SB US-1 @ Mile Marker 113	8	9	12:10	100.00%
	65	SB US-1 @ Mile Marker 106	19	21	55:59	99.28%
	67	SB US-1 @ Mile Marker 91.5	7	8	11:42	100.00%
	69	SB US-1 @ Mile Marker 39.5	16	18	59:32	99.25%
	70	SB US-1 @ Mile Marker 7.5	3	3	7:48	100.00%
US 1 South of Florida City Subtotal			115	129	303:42	97.04%
Arterials Subtotal			1368	1997	4432:11	91.00%
Limited Access Facilities Subtotal			1815	2792	5914:32	96.06%
Grand Total			3183	4789	10346:43	92.07%

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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
Vehicle Alert*	36	5	0	63	31	33	2	32	65
Safety Messaging*	21	9	0	18	6	12	4	8	16
I-95**	656	440	583	119	0	259	136	16	0
I-75	0	0	0	101	20	0	0	0	0
I-195	9	0	7	0	0	35	4	0	0
I-395	7	0	5	0	0	2	26	0	0
SR 826	57	179	50	515	204	1	1	95	0
M-CSWY	0	0	0	0	0	0	3	0	0
US 1 in Miami-Dade County	10	0	4	0	0	0	0	18	0
US 1 South of Florida City	0	0	0	0	0	0	0	1	48
MDX	SR 112	73	0	40	0	0	32	11	0
	SR 836	55	0	31	74	4	9	45	20
	SR 874	0	0	0	31	1	0	0	18
	SR 878	0	0	0	0	0	0	0	0
	SR 924	0	0	0	19	14	0	0	0
District 4	54	91	111	68	16	0	0	0	0
Florida's Turnpike	0	0	0	0	0	0	0	0	0
Subtotal of On Route	656	440	583	515	20	35	26	18	48
Subtotal of Off Route	322	284	248	493	276	348	206	190	81
Total District 6	796	633	649	816	261	342	176	170	129
Other Agencies	182	91	182	192	35	41	56	38	0
Total	978	724	831	1,008	296	383	232	208	129

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

