



Summary of Monthly Operations

In the month of October, there were 8,393 messages posted with 4,247 DMS activations for 800 events. The DMS efficiency was 99.88% (799 of the 800 signable events had a DMS messages posted). There was an average of 5.31 DMSs activated per each signable event and an average of 1.98 DMS messages were posted per each DMS activation. This resulted in an average of 10.49 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. Due to SunGuide Production Database failures, all operator actions may not be reflected.

Summary of Average Monthly Operations

- $\frac{4247 \text{ DMS Activations}}{800 \text{ Events}} = \underline{5.31} \text{ Average DMS Activations per Event}$

An average of 5.31 DMSs were activated per each signable event

- $\frac{8393 \text{ DMS Messages}}{4247 \text{ DMS Activations}} = \underline{1.98} \text{ Average DMS Messages per Activation}$

An average of 1.98 DMS messages were posted per each DMS activation

- $5.31 \frac{\text{DMS Activations}}{\text{Events}} \times 1.98 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{10.49^*} \text{ DMS Messages per Event}$

An average of 10.49 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	201
Florida's Turnpike Enterprise	267
Miami-Dade Expressway Authority	502
Total	970

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	4734
Other Districts' Incidents	703
Construction	2771
Safety	0
Vehicle Alert	185
Total	8393

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	71	147	162:12	100.00%
	22	NB I-95 s/ of NW 62 ST	77	158	187:05	97.66%
	75	NB I-95 s/ of SR 112	157	365	606:59	100.00%
	77	NB I-95 n/ of SW 8 ST	177	372	560:39	100.00%
	2	SB I-95 n/ Ives Dairy RD	130	193	160:37	100.00%
	3	SB I-95 n/ of Miami Gardens DR	144	217	165:07	100.00%
	20	SB I-95 s/ of NW 119 ST	78	229	514:00	100.00%
	21	SB I-95 s/ of NW 62 ST	95	270	521:53	97.66%
	74	SB I-95 s/ of SR 112	71	116	73:35	98.92%
	76	SB I-95 n/ of Rickenbacker CSWY	18	28	27:10	98.91%
I-95 Mainline Subtotal			1018	2095	2979:21	99.32%
I-95 Express	95X40	NB 95X at NW 62nd St	64	118	135:20	100.00%
	95X45	NB 95X at NW 125th St	59	128	153:09	100.00%
	95XSB45	SB 95X at NW 62nd St	75	123	63:28	98.93%
	95XSB50	SB 95X at NW 125th St	61	84	63:28	100.00%
I-95 Express Subtotal			259	453	415:26	99.73%
SR 826	14	NB SR 826 n/ of NW 122 ST	42	66	27:54	99.71%
	4	EB SR 826 e/ of NW 67 AVE	41	77	98:01	100.00%
	5	EB SR 826 e/ of NW 37 AVE	164	244	233:12	100.00%
	15	WB SR 826 w/ of NW 17 AVE	29	50	90:59	100.00%
	17	WB SR 826 w/ of NW 47 AVE	39	56	144:21	100.00%
	19	WB SR 826 w/ of NW 67 AVE	43	64	135:04	100.00%
	826NB58	NB SR 826 s/ of NW 58 ST	36	55	56:15	100.00%
	826SB58	SB SR 826 n/ of NW 58 ST	96	137	247:59	99.88%
	826SB103	SB SR 826 s/ of NW 103 ST	86	125	201:38	100.00%
	SR 826 Subtotal			576	874	1235:26
I-75	43	NB I-75 s/ of Miami Gardens DR	15	18	45:00	100.00%
	44	SB I-75 s/ of Miami Gardens DR	52	79	141:27	100.00%
	42	SB I-75 s/ of NW 138 ST	73	106	185:01	100.00%
I-75 Subtotal			140	203	371:30	100.00%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	27	203	778:07	100.00%
	103	EB SR 112 e/ of Toll Plaza	155	372	542:47	84.95%
	105	WB I-195 e/ of Alton RD	87	181	191:05	86.82%
I-195 Mainline Subtotal			269	756	1512:00	90.59%
I-395	886WB	Port Blvd WB before US-1	108	207	199:26	100.00%
	104	WB I-395 @ Watson Island	47	93	116:13	30.26%
I-395 Subtotal			155	300	315:40	65.13%
Limited Access Facilities Subtotal			2417	4681	6829:25	92.45%

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	69	109	55:01	100.00%
	113	WB Ives Dairy RD e/ of I-95	66	105	53:18	100.00%
	110	EB Miami Gardens DR w/ of I-95	87	136	70:54	100.00%
	111	WB Miami Gardens DR e/ of I-95	87	137	67:10	99.98%
	112	EB NW 103 ST w/ of I-95	100	291	502:49	98.40%
	106	EB NW 79 ST w/ of I-95	103	300	505:31	97.01%
	107	EB NW 54 ST w/ of I-95	133	350	551:54	100.00%
	108	EB SW 8 ST w/ of I-95	87	258	478:36	99.98%
I-95 Arterial Subtotal			732	1686	2285:17	99.42%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	171	258	215:56	99.68%
	7	SB Turnpike to the Golden Glades	149	212	125:19	100.00%
	9	NB US-441@TRI-Rail	50	95	112:26	100.00%
	10	NB SR 9 @ the Detention Center	101	171	158:51	100.00%
	8	SB US-441 @NW 179 ST	151	225	183:31	100.00%
Golden Glades Interchange Subtotal			622	961	796:05	99.94%
I-195 Arterial	38	SB Alton RD to WB I-195	49	119	85:28	100.00%
	39	WB 41 ST to WB I-195	46	106	79:56	100.00%
	40	NB Alton RD to WB I-195	46	106	79:56	100.00%
I-195 Arterial Subtotal			141	331	245:22	100.00%
US-1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	56	206	441:42	100.00%
	45	SB US-1 @ SW 62 AVE & 80 ST	42	59	114:33	91.50%
	47	SB US-1 @ TURNPIKE SB	12	16	28:18	100.00%
	46	NB US-1 @ Killian DR	110	287	891:17	100.00%
	48	NB US-1 @ TURNPIKE NB	3	7	3:35	100.00%
US-1 in Miami-Dade County Subtotal			223	575	1479:27	98.30%
US-1 South of Florida City	62	NB US-1 @ Florida City	1	1	0:38	100.00%
	64	NB US-1 @ Mile Marker 106	11	12	43:02	99.70%
	66	NB US-1 @ Mile Marker 91.5	2	4	5:35	100.00%
	68	NB US-1 @ Mile Marker 39.5	20	25	79:51	99.00%
	71	NB US-1 @ Mile Marker 7.5	9	12	33:14	93.50%
	61	SB US-1 @ Florida City	0	0	0:00	0.00%
	63	SB US-1 @ Mile Marker 113	17	28	61:04	99.75%
	65	SB US-1 @ Mile Marker 106	27	39	97:55	97.30%
	67	SB US-1 @ Mile Marker 91.5	15	26	59:16	99.98%
	69	SB US-1 @ Mile Marker 39.5	9	11	32:40	73.22%
	70	SB US-1 @ Mile Marker 7.5	1	1	0:22	98.72%
US-1 South of Florida City Subtotal			112	159	413:39	87.38%
Arterials Subtotal			1830	3712	5219:51	97.01%
Limited Access Facilities Subtotal			2417	4681	6829:25	92.45%
Grand Total			4247	8393	12049:16	95.90%

Table 4 Number of Messages by Roadway

Sign For Events On	DMS Located Along								US-1 in Miami-Dade County	US-1 South of Florida City
	I-95** Mainline	Golden Glades	I-95 Arterial	SR 826	I-75	I-195	I-395			
Vehicle Alert*	24	0	0	47	24	23	0	24	43	
Safety Messaging*	0	0	0	0	0	0	0	0	0	
I-95**	1,364	618	817	191	0	432	136	39	0	
I-75	0	0	0	3	5	0	0	0	0	
I-195	504	11	503	0	0	502	57	119	0	
I-395	112	20	63	1	0	28	40	23	0	
SR 826	116	169	112	483	164	5	0	251	0	
M-CSWY	59	9	8	2	0	14	20	0	0	
US-1 in Miami-Dade County	29	0	6	0	0	5	3	68	1	
US-1 South of Florida City	0	0	0	0	0	0	0	11	115	
MDX	SR 112	123	0	38	0	0	37	9	7	0
	SR 836	80	4	28	46	2	27	29	17	0
	SR 874	1	0	0	37	0	0	0	11	0
	SR 878	0	0	0	0	0	0	0	2	0
	SR 924	0	0	0	2	2	0	0	0	0
District 4	34	58	74	29	6	0	0	0	0	
Florida's Turnpike	102	72	37	33	0	14	6	3	0	
Subtotal of On Route	1,364	618	817	483	5	502	40	68	115	
Subtotal of Off Route	1,184	343	869	391	198	585	260	507	44	
Total District 6	2,208	827	1,509	727	193	1,009	256	535	159	
Other Agencies	340	134	177	147	10	78	44	40	0	
Total	2,548	961	1,686	874	203	1,087	300	575	159	

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

