



NOVEMBER 2008
DMS Usage Report



Summary of Monthly Operations

In the month of November there were 2,036 messages posted with 1,742 DMS activations for 361 events. There were 361 signable events or 100% of the signable events had a DMS message(s) posted. *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

- $\frac{1742 \text{ DMS Activations}}{361 \text{ Events}} = \mathbf{4.83} \text{ DMS Activations / Event}$
- $\frac{2036 \text{ DMS Messages}}{1742 \text{ DMS Activations}} = \mathbf{1.17} \text{ DMS Messages / Activation}$
- $4.83 \frac{\text{DMS Activations}}{\text{Events}} \times 1.17 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \mathbf{5.65} \text{ DMS Messages / Event}$

Table 1 DMS Usage for Other Agencies

Agency	Number of Messages
FDOT District 4	65
Florida's Turnpike Enterprise	0
Miami-Dade Expressway Authority	193
Total	258

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	1189
Other Districts' Incidents	172
Construction	288
Safety	5
Amber/Silver Alerts	382
Total	2036

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

Roadway	ID	Location	# of Events	# of Messages	Duration (Hr:Min)	Availability
I-95 Mainline	1	NB I-95 n/ of NW 103 ST	47	57	344:10	92.74%
	22	NB I-95 s/ of NW 62 ST	4	6	73:01	13.43%
	75	NB I-95 s/ of SR 112	116	130	431:31	100.00%
	77	NB I-95 n/ of SW 8 ST	119	136	398:32	100.00%
	2	SB I-95 n/ Ives Dairy RD	27	33	362:08	100.00%
	3	SB I-95 n/ of Miami Gardens DR	34	42	322:15	85.65%
	20	SB I-95 s/ of NW 119 ST	47	57	236:11	100.00%
	21	SB I-95 s/ of NW 62 ST	40	42	89:28	73.69%
	74	SB I-95 s/ of SR 112	34	40	179:26	100.00%
	76	SB I-95 n/ of Rickenbacker CSWY	17	19	40:31	80.12%
I-95 Mainline Subtotal			485	562	2477:16	84.56%
I-95 Express	95X40	NB 95X at NW 62nd St	61	66	394:58	100.00%
	95X45	NB 95X at NW 125th St	51	57	400:16	100.00%
I-95 Express Subtotal			112	123	795:15	100.00%
SR-826	14	NB SR 826 n/ of NW 122 ST	35	47	73:11	92.35%
	4	EB SR 826 e/ of NW 67 AVE	3	3	2:29	N/A
	5	EB SR 826 e/ of NW 37 AVE	46	55	249:22	99.80%
	15	WB SR 826 w/ of NW 17 AVE	20	25	51:57	100.00%
	17	WB SR 826 w/ of NW 47 AVE	28	33	80:40	99.85%
	19	WB SR 826 w/ of NW 67 AVE	41	49	89:34	100.00%
SR-826 Subtotal			173	212	547:15	98.40%
I-75	43	NB I-75 s/ of Miami Gardens DR	16	21	47:14	100.00%
	44	SB I-75 s/ of Miami Gardens DR	43	54	76:26	10.00%
	42	SB I-75 s/ of NW 138 ST	46	57	62:56	100.00%
I-75 Subtotal			105	132	186:37	70.00%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	9	10	34:00	92.20%
	103	EB SR 112 e/ of Toll Plaza	96	105	157:40	93.85%
	105	WB I-195 e/ of Alton RD	33	41	197:43	95.17%
I-195 Mainline Subtotal			138	156	389:23	93.74%
I-395	104	WB I-395 @ Watson Island	113	127	320:28	93.51%
I-395 Subtotal			113	127	320:28	93.51%
Limited Access Facilities Subtotal			1126	1312	4716:17	90.04%

* DMS 4, 8, 9, and 10 non-operational, awaiting for capital improvement

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Table 3b DMS Usage by Roadway (Arterials)

Roadway	ID	Location	# of Events	# of Messages	Duration (Hr:Min)	Availability
I-95 Arterial	109	EB Ives Dairy RD W/ of I-95	15	17	23:56	75.15%
	113	WB Ives Dairy RD e/ of I-95	16	18	24:10	80.92%
	110	EB Miami Gardens DR w/ of I-95	30	37	40:18	81.25%
	111	WB Miami Gardens DR e/ of I-95	34	41	46:51	100.00%
	112	EB NW 103 ST w/ of I-95	51	61	76:10	81.26%
	106	EB NW 79 ST w/ of I-95	61	69	100:10	96.66%
	107	EB NW 54 ST w/ of I-95	74	85	123:27	97.19%
	108	EB SW 8 ST w/ of I-95	52	63	96:55	93.41%
I-95 Arterial Subtotal			333	391	532:00	88.23%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	0	0	0:00	0.00%
	7	SB Turnpike to the Golden Glades	39	46	66:14	100.00%
	9	NB US-441@TRI-Rail	0	0	0:00	N/A
	10	NB SR 9 @ the Detention Center	0	0	0:00	N/A
	8	SB US-441 @NW 179 ST	0	0	0:00	N/A
Golden Glades Interchange Subtotal			39	46	66:14	50.00%
I-195 Arterial	38	SB Alton RD to WB I-195	30	35	87:30	100.00%
	39	WB 41 ST to WB I-195	0	0	0:00	0.00%
	40	NB Alton RD to WB I-195	28	33	83:13	100.00%
I-195 Arterial Subtotal			58	68	170:43	66.67%
US 1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	32	39	76:59	97.43%
	45	SB US 1 @ SW 62 AVE & 80 ST	14	15	48:28	80.86%
	47	SB US 1 @ TURNPIKE SB	7	8	28:43	79.38%
	46	NB US 1 @ Killian DR	26	29	68:48	93.31%
	48	NB US 1 @ TURNPIKE NB	9	10	31:01	76.11%
US 1 in Miami-Dade County Subtotal			88	101	254:00	85.42%
US 1 South of Florida City	62	NB US-1 @ Florida City	8	10	34:34	100.00%
	64	NB US_1 @ Mile Marker 106	10	12	44:13	100.00%
	66	NB US_1 @ Mile Marker 91.5	10	12	44:13	100.00%
	68	NB US_1 @ Mile Marker 39.5	12	14	47:27	99.70%
	71	NB US_1 @ Mile Marker 7.5	1	1	0:27	48.51%
	61	SB US-1 @ Florida City	11	15	42:34	100.00%
	63	SB US-1 @ Mile Marker 113	10	12	42:20	100.00%
	65	SB US-1 @ Mile Marker 106	10	12	42:20	99.89%
	67	SB US-1 @ Mile Marker 91.5	11	13	42:30	100.00%
	69	SB US-1 @ Mile Marker 39.5	9	10	39:21	100.00%
	70	SB US-1 @ Mile Marker 7.5	6	7	27:04	100.00%
US 1 South of Florida City Subtotal			98	118	407:07	95.28%
Arterials Subtotal			616	724	1430:06	77.12%
Limited Access Facilities Subtotal			1126	1312	4716:17	90.04%
Grand Total			1742	2036	6146:24	86.34%

* DMS 4, 8, 9, and 10 non-operational, awaiting for capital improvement

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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
Amber Alert*	94	9	39	45	27	34	7	40	87
Safety Messaging*	5	0	0		0	0	0	0	0
I-95**	461	24	259	24	0	135	83	28	0
I-75	2	0	0	35	21	0	0	0	0
I-195	4	0	2	0	0	30	0	0	0
I-395	4	0	2	0	0	0	12	0	0
SR 826	13	7	11	86	73	0	0	10	0
M-CSWY	0	0	0	0	0	0	0	0	0
US 1 in Miami-Dade County	10	0	8	0	0	0	0	16	0
US 1 South of Florida City	0	0	0	0	0	0	0	0	31
MDX	33	0	23	0	22	4	0	0	0
	46	0	19	4	4	3	20	4	0
	1	0	0	1	1	0	1	1	0
	0	0	0	0	0	0	0	2	0
	0	0	0	2	2	0	0	0	0
District 4	12	6	28	15	4	0	0	0	0
Florida's Turnpike	0	0	0	0	0	0	0	0	0
Subtotal of On Route	461	24	259	86	21	30	12	16	31
Subtotal of Off Route	224	22	132	126	111	194	115	85	87
Total District 6	593	40	321	190	121	199	102	94	118
Other Agencies	92	6	70	22	11	25	25	7	0
Total	685	46	391	212	132	224	127	101	118

Note: *Amber 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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