



Summary of Monthly Operations

In the month of December, there were 9,264 messages posted with 4,990 DMS activations for 891 events. The DMS efficiency was 100% (891 of the 891 signable events had a DMS messages posted). There was an average of 5.60 DMSs activated per each signable event and an average of 1.86 DMS messages were posted per each DMS activation. This resulted in an average of 10.40 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

- $\frac{4990 \text{ DMS Activations}}{891 \text{ Events}} = \underline{5.60} \text{ Average DMS Activations per Event}$

An average of 5.60 DMSs were activated per each signable event

- $\frac{9264 \text{ DMS Messages}}{4990 \text{ DMS Activations}} = \underline{1.86} \text{ Average DMS Messages per Activation}$

An average of 1.86 DMS messages were posted per each DMS activation

- $5.60 \frac{\text{DMS Activations}}{\text{Events}} \times 1.86 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{10.40^*} \text{ DMS Messages per Event}$

An average of 10.40 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	494
Florida's Turnpike Enterprise	76
Miami-Dade Expressway Authority	637
Total	1207

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	5836
Other Districts' Incidents	682
Construction	2245
Safety	0
Vehicle Alert	501
Total	9264



FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM DMS Usage Report – December 2011



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	88	157	340:23	100.00%
	22	NB I-95 s/ of NW 62 ST	83	143	277:14	94.33%
	75	NB I-95 s/ of SR 112	158	246	507:31	99.78%
	77	NB I-95 n/ of SW 8 ST	180	288	535:30	100.00%
	2	SB I-95 n/ Ives Dairy RD	150	266	269:33	100.00%
	3	SB I-95 n/ of Miami Gardens DR	159	282	276:17	100.00%
	20	SB I_95 s/ of NW 119 ST	73	143	325:03	100.00%
	21	SB I-95 s/ of NW 62 ST	72	122	219:16	88.73%
	74	SB I_95 s/ of SR 112	53	80	66:17	100.00%
76	SB I-95 n/ of Rickenbacker CSWY	20	36	56:12	98.43%	
<i>I-95 Mainline Subtotal</i>			1036	1763	2873:19	98.13%
I-95 Express	95X40	NB 95X at NW 62nd St	78	120	304:21	100.00%
	95X45	NB 95X at NW 125th St	85	142	331:53	100.00%
	95XSB45	SB 95X at NW 62nd St	59	89	304:21	99.89%
	95XSB50	SB 95X at NW 125th St	60	79	304:21	100.00%
<i>I-95 Express Subtotal</i>			282	430	1244:57	99.97%
SR 826	14	NB SR 826 n/ of NW 122 ST	42	69	50:40	100.00%
	4	EB SR 826 e/ of NW 67 AVE	44	96	311:45	100.00%
	5	EB SR 826 e/ of NW 37 AVE	160	278	420:39	100.00%
	15	WB SR 826 w/ of NW 17 AVE	67	143	332:58	100.00%
	17	WB SR 826 w/ of NW 47 AVE	86	180	375:17	100.00%
	19	WB SR 826 w/ of NW 67 AVE	87	181	362:07	100.00%
	826NB58	NB SR 826 s/ of NW 58 ST	52	93	61:03	100.00%
	826SB58	SB SR 826 n/ of NW 58 ST	127	209	430:21	99.40%
	826SB103	SB SR 826 s/ of NW 103 ST	135	230	421:24	100.00%
<i>SR 826 Subtotal</i>			800	1479	2766:17	99.93%
I-75	43	NB I-75 s/ of Miami Gardens DR	20	36	98:43	100.00%
	44	SB I-75 s/ of Miami Gardens DR	92	172	355:02	99.22%
	42	SB I-75 s/ of NW 138 ST	108	195	392:52	100.00%
<i>I-75 Subtotal</i>			220	403	846:37	99.74%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	23	262	780:32	99.78%
	103	EB SR 112 e/ of Toll Plaza	174	257	377:06	100.00%
	105	WB I-195 e/ of Alton RD	106	223	518:05	99.96%
<i>I-195 Mainline Subtotal</i>			303	742	1675:44	99.91%
I-395	886WB	Port Blvd WB before US-1	91	156	184:43	100.00%
	104	WB I-395 @ Watson Island	154	235	357:24	100.00%
<i>I-395 Subtotal</i>			245	391	542:07	100.00%
<i>Limited Access Facilities Subtotal</i>			2886	5208	9949:05	99.61%



FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM DMS Usage Report – December 2011



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	89	184	220:45	99.94%
	113	WB Ives Dairy RD e/ of I-95	86	182	226:56	96.24%
	110	EB Miami Gardens DR w/ of I-95	97	197	235:22	100.00%
	111	WB Miami Gardens DR e/ of I-95	110	222	224:56	99.89%
	112	EB NW 103 ST w/ of I-95	101	202	285:39	99.83%
	106	EB NW 79 ST w/ of I-95	116	212	296:16	100.00%
	107	EB NW 54 ST w/ of I-95	119	202	301:01	100.00%
	108	EB SW 8 ST w/ of I-95	92	172	319:18	100.00%
I-95 Arterial Subtotal			810	1573	2110:17	99.49%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	177	305	414:41	99.21%
	7	SB Turnpike to the Golden Glades	155	258	133:41	98.85%
	9	NB US-441@TRI-Rail	63	110	193:06	100.00%
	10	NB SR 9 @ the Detention Center	115	227	285:57	100.00%
	8	SB US-441 @NW 179 ST	161	272	257:30	98.85%
Golden Glades Interchange Subtotal			671	1172	1284:58	99.38%
I-195 Arterial	38	SB Alton RD to WB I-195	73	174	453:11	100.00%
	39	WB 41 ST to WB I-195	66	159	440:21	99.52%
	40	NB Alton RD to WB I-195	64	156	415:36	95.88%
I-195 Arterial Subtotal			203	489	1309:09	98.47%
US-1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	59	112	277:14	100.00%
	45	SB US-1 @ SW 62 AVE & 80 ST	58	106	174:01	100.00%
	47	SB US-1 @ TURNPIKE SB	8	12	39:29	100.00%
	46	NB US-1 @ Killian DR	141	287	776:19	100.00%
	48	NB US-1 @ TURNPIKE NB	11	15	34:28	100.00%
US-1 in Miami-Dade County Subtotal			277	532	1301:33	100.00%
US-1 South of Florida City	62	NB US-1 @ Florida City	1	2	5:46	100.00%
	64	NB US-1 @ Mile Marker 106	14	22	64:19	95.02%
	66	NB US-1 @ Mile Marker 91.5	9	18	42:30	99.48%
	68	NB US-1 @ Mile Marker 39.5	24	40	84:35	96.48%
	71	NB US-1 @ Mile Marker 7.5	15	27	48:35	96.09%
	61	SB US-1 @ Florida City	4	14	10:26	100.00%
	63	SB US-1 @ Mile Marker 113	16	42	48:58	100.00%
	65	SB US-1 @ Mile Marker 106	23	46	77:10	95.02%
	67	SB US-1 @ Mile Marker 91.5	15	35	44:40	99.35%
	69	SB US-1 @ Mile Marker 39.5	16	29	55:02	96.28%
	70	SB US-1 @ Mile Marker 7.5	6	15	19:59	95.91%
US-1 South of Florida City Subtotal			143	290	502:06	97.60%
Arterials Subtotal			2104	4056	6508:06	98.99%
Limited Access Facilities Subtotal			2886	5208	9949:05	99.61%
Grand Total			4990	9264	16457:11	99.07%



FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM DMS Usage Report – December 2011



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*	102	31	8	94	45	51	9	53	108	
Safety Messaging*	0	0	0	0	0	0	0	0	0	
I-95**	1,416	795	1,057	277	2	434	233	72	0	
I-75	0	0	0	41	28	0	0	0	0	
I-195	55	12	40	3	0	536	1	4	0	
I-395	52	0	35	0	0	23	45	12	0	
SR 826	151	217	128	917	311	0	0	216	0	
M-CSWY	55	0	0	0	0	8	25	0	0	
US-1 in Miami-Dade County	36	0	21	0	0	1	7	100	0	
US-1 South of Florida City	0	0	0	0	0	0	0	8	182	
MDX	SR 112	174	13	77	0	0	113	46	16	0
	SR 836	24	0	8	48	0	10	14	12	0
	SR 874	0	0	0	36	0	0	0	16	0
	SR 878	0	0	0	0	0	0	0	1	0
	SR 924	0	0	0	15	14	0	0	0	0
District 4	100	88	175	40	3	55	11	22	0	
Florida's Turnpike	28	16	24	8	0	0	0	0	0	
Subtotal of On Route	1,416	795	1,057	917	28	536	45	100	182	
Subtotal of Off Route	777	377	516	562	375	695	346	432	108	
Total District 6	1,867	1,055	1,289	1,332	386	1,053	320	465	290	
Other Agencies	326	117	284	147	17	178	71	67	0	
Total	2,193	1,172	1,573	1,479	403	1,231	391	532	290	

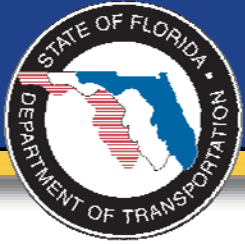
Note: *Vehicle Alert messages are signed for entire Miami-Dade and Monroe Counties, thus is not location-specific event.

*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



FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM DMS Usage Report – December 2012



DMS Messages by Time of Day

