



Summary of Monthly Operations

In the month of March, there were 20,408 messages posted with 6,289 DMS activations for 958 events. The DMS efficiency was 99.69% (955 of the 958 signable events had a DMS messages posted). There was an average of 6.56 DMSs activated per each signable event and an average of 3.25 DMS messages were posted per each DMS activation. This resulted in an average of 21.30 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 a message does not function properly at this time.

Summary of Average Monthly Operations

- $\frac{6289 \text{ DMS Activations}}{958 \text{ Events}} = \underline{6.56} \text{ Average DMS Activations per Event}$

An average of 6.56 DMSs were activated per each signable event

- $\frac{20408 \text{ DMS Messages}}{6289 \text{ DMS Activations}} = \underline{3.25} \text{ Average DMS Messages per Activation}$

An average of 3.25 DMS messages were posted per each DMS activation

- $6.56 \frac{\text{DMS Activations}}{\text{Events}} \times 3.25 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{21.30^*} \text{ DMS Messages per Event}$

An average of 21.30 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	349
Florida's Turnpike Enterprise	11
Miami-Dade Expressway Authority	1012
Total	1372

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	7821
Other Districts' Incidents	755
Construction	10258
Safety	948
Vehicle Alert	626
Total	20408



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



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	81	779	899:25	100.00%
	22	NB I-95 s/ of NW 62 ST	65	149	87:09	100.00%
	75	NB 1-95 s/ of SR 112	144	359	185:41	87.06%
	77	NB I-95 n/ of SW 8 ST	209	484	397:15	99.94%
	2	SB I-95 n/ Ives Dairy RD	168	328	201:43	100.00%
	3	SB I-95 n/ of Miami Gardens DR	180	347	214:57	100.00%
	20	SB I_95 s/ of NW 119 ST	110	319	283:15	100.00%
	21	SB I-95 s/ of NW 62 ST	146	365	376:33	100.00%
	74	SB I_95 s/ of SR 112	104	235	255:25	100.00%
	76	SB I-95 n/ of Rickenbacker CSWY	28	96	83:28	99.86%
<i>I-95 Mainline Subtotal</i>			1235	3461	2984:55	98.69%
I-95 Express	95X40	NB 95X at NW 62nd St	75	142	66:07	100.00%
	95X45	NB 95X at NW 125th St	85	767	867:11	100.00%
	95XSB45	SB 95X at NW 62nd St	97	180	179:01	100.00%
	95XSB50	SB 95X at NW 125th St	75	133	71:09	100.00%
<i>I-95 Express Subtotal</i>			332	1222	1183:30	100.00%
SR 826	14	NB SR 826 n/ of NW 122 ST	43	100	73:30	100.00%
	4	EB SR 826 e/ of NW 67 AVE	32	65	61:09	100.00%
	5	EB SR 826 e/ of NW 37 AVE	170	878	963:34	100.00%
	15	WB SR 826 w/ of NW 17 AVE	51	145	156:34	100.00%
	17*	WB SR 826 w/ of NW 47 AVE	0	0	0:00	N/A*
	19	WB SR 826 w/ of NW 67 AVE	79	195	181:57	100.00%
	826NB58	NB SR 826 s/ of NW 58 ST	53	117	81:37	99.43%
	826SB58	SB SR 826 n/ of NW 58 ST	141	275	317:02	99.43%
	826SB103	SB SR 826 s/ of NW 103 ST	135	258	289:33	100.00%
	826NB-LL**	NB SR 826 s/ of SW 72 ST	43	100	73:30	100.00%
<i>SR 826 Subtotal</i>			769	2187	2240:46	99.86%
I-75	43	NB I-75 s/ of Miami Gardens DR	17	61	82:13	99.78%
	44	SB I-75 s/ of Miami Gardens DR	91	197	205:16	99.78%
	42	SB I-75 s/ of NW 138 ST	101	209	232:15	100.00%
<i>I-75 Subtotal</i>			209	467	519:45	99.85%
I-195 Mainline	57	EB I-195 w/ of North Miami AVE	32	108	140:04	100.00%
	103	EB SR 112 e/ of Toll Plaza	226	497	395:24	99.20%
	105	WB I-195 e/ of Alton RD	125	296	231:53	99.93%
<i>I-195 Mainline Subtotal</i>			383	901	767:22	99.71%
I-395	886WB	Port Blvd WB before US-1	127	265	284:30	100.00%
	104	WB I-395 @ Watson Island	186	412	313:52	100.00%
<i>I-395 Subtotal</i>			313	677	598:22	100.00%
<i>Limited Access Facilities Subtotal</i>			3241	8915	8294:42	99.68%



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



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	90	214	134:03	94.95%
	113	WB Ives Dairy RD e/ of I-95	88	208	133:09	93.99%
	110	EB Miami Gardens DR w/ of I-95	112	809	874:06	94.95%
	111	WB Miami Gardens DR e/ of I-95	113	799	835:05	92.23%
	112	EB NW 103 ST w/ of I-95	123	381	385:51	94.66%
	106	EB NW 79 ST w/ of I-95	154	392	327:07	100.00%
	107	EB NW 54 ST w/ of I-95	167	418	338:49	99.91%
	108	EB SW 8 ST w/ of I-95	117	295	310:35	99.89%
<i>I-95 Arterial Subtotal</i>			964	3516	3338:48	96.32%
Golden Glades Interchange	6	WB SR 826 w/ of NE 2nd AVE	196	956	987:01	100.00%
	7	SB Turnpike to the Golden Glades	191	958	986:18	100.00%
	9	NB US-441@TRI-Rail	60	702	853:42	100.00%
	10	NB SR 9 @ the Detention Center	127	861	949:11	100.00%
	8	SB US-441 @NW 179 ST	185	855	863:00	100.00%
<i>Golden Glades Interchange Subtotal</i>			759	4332	4639:13	100.00%
SR 826 Arterial	SW24EB**	EB SW 24 ST w/ of SR 826	100	225	211:15	N/A**
	SW24WB**	WB SW 24 ST e/ of SR 826	100	224	211:15	N/A**
	SW40EB**	EB SW 40 ST w/ of SR 826	97	208	212:00	N/A**
	SW40WB**	WB SW 40 ST e/ of SR 826	97	208	211:32	N/A**
	SW56EB**	EB SW 56 ST w/ of SR 826	74	171	116:05	N/A**
	SW56WB**	WB SW 56 ST e/ of SR 826	73	170	116:04	N/A**
	SW72EB**	EB SW 72 ST w/ of SR 826	70	171	116:53	N/A**
	SW72WB**	WB SW 72 ST e/ of SR 826	70	171	116:53	N/A**
<i>SR 826 Arterial Subtotal</i>			681	1548	1311:57	N/A**
I-195 Arterial	38	SB Alton RD to WB I-195	72	209	179:23	99.97%
	39	WB 41 ST to WB I-195	68	199	174:45	99.92%
	40	NB Alton RD to WB I-195	69	200	175:01	99.98%
<i>I-195 Arterial Subtotal</i>			209	608	529:10	99.96%
US-1 in Miami-Dade County	23	NB US-1 n/ of SW 17 AVE	86	221	236:31	100.00%
	45	SB US-1 @ SW 62 AVE & SW 80 ST	49	108	188:57	100.00%
	47	SB US-1 @ TURNPIKE SB	12	56	45:48	100.00%
	46	NB US-1 @ Killian DR	109	284	233:32	100.00%
	48	NB US-1 @ TURNPIKE NB	9	65	48:51	100.00%
<i>US-1 in Miami-Dade County Subtotal</i>			265	734	753:41	100.00%



**FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM
DMS Usage Report – March 2012**



Table 3b – continued DMS Usage by Roadway (Arterials)

US-1 South of Florida City	62	NB US-1 @ Florida City	7	31	41:07	99.99%
	64	NB US-1 @ Mile Marker 106	12	44	62:53	99.61%
	66	NB US-1 @ Mile Marker 91.5	11	47	44:59	99.64%
	68	NB US-1 @ Mile Marker 39.5	23	73	76:10	99.23%
	71	NB US-1 @ Mile Marker 7.5	24	104	57:27	99.74%
	61*	SB US-1 @ Florida City	6	45	33:48	N/A*
	63	SB US-1 @ Mile Marker 113	23	110	60:32	98.12%
	65	SB US-1 @ Mile Marker 106	27	117	79:25	99.70%
	67	SB US-1 @ Mile Marker 91.5	17	87	52:53	99.61%
	69	SB US-1 @ Mile Marker 39.5	15	70	72:30	99.28%
	70	SB US-1 @ Mile Marker 7.5	5	27	39:52	100.00%
US-1 South of Florida City Subtotal			170	755	621:41	99.49%
Arterials Subtotal			3048	11493	11194:33	99.15%
Limited Access Facilities Subtotal			3241	8915	8294:42	99.68%
Grand Total			6289	20408	19489:16	99.18%

* DMS 17 and DMS 61 are undergoing testing for Capital Improvement and are used periodically; system availability is not measured for these devices.

**Nine additional DMS along the SR 826 Section 2 project became operational and are still under warranty; system availability is not measured for these devices.



**FDOT DISTRICT SIX INTELLIGENT TRANSPORTATION SYSTEM
DMS Usage Report – March 2012**



Table 4 Number of Messages by Roadway

Sign For Events On	DMS Located Along									
	I-95** Mainline	Golden Glades	I-95 Arterial	SR 826	SR 826 Arterial	I-75	I-195	I-395	US-1 in Miami-Dade County	US-1 South of Florida City
Vehicle Alert*	133	40	0	103	48	46	69	16	54	117
Safety Messaging*	228	19	132	95	0	57	94	19	95	209
I-95**	3,310	3,789	2,576	803	0	0	529	366	135	0
I-75	0	0	0	60	0	28	0	0	0	0
I-195	265	66	263	10	0	0	592	67	54	0
I-395	119	36	79	0	0	0	81	48	25	0
SR 826	182	253	184	874	1,162	316	0	0	174	0
M-CSWY	96	0	0	0	0	0	18	43	0	0
US-1 in Miami-Dade County	81	0	48	11	126	0	21	18	117	3
US-1 South of Florida City	0	0	0	0	0	0	0	0	9	425
MDX	SR 112	53	2	13	0	0	47	16	3	0
	SR 836	150	0	99	80	68	0	58	84	28
	SR 874	1	0	0	96	144	0	0	0	30
	SR 878	4	0	1	0	0	0	0	0	10
	SR 924	0	0	0	13	0	12	0	0	0
District 4	59	121	121	40	0	8	0	0	0	0
Florida's Turnpike	2	6	0	2	0	0	0	0	0	1
Subtotal of On Route	3,310	3,789	2,576	874	1,162	28	592	48	117	425
Subtotal of Off Route	1,373	543	940	1,313	386	439	917	629	617	330
Total District 6	4,414	4,203	3,282	1,956	1,336	447	1,404	577	663	754
Other Agencies	269	129	234	231	212	20	105	100	71	1
Total	4,683	4,332	3,516	2,187	1,548	467	1,509	677	734	755

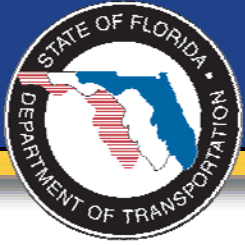
Note: *Vehicle Alert messages are signed for entire Miami-Dade and Monroe Counties, thus is not location-specific event.

*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 – March 2012



DMS Messages by Time of Day

