



Summary of Monthly Operations

In the month of July, there were 20,912 messages posted with 5,761 DMS activations for 928 events. The DMS efficiency was 99.78% (926 of the 928 signable events had DMS messages posted). There was an average of 6.21 DMSs activated per each signable event and an average of 3.63 DMS messages were posted per each DMS activation. This resulted in an average of 22.53 DMS messages being posted per each signable event.

Notes: 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

- $\frac{5761 \text{ DMS Activations}}{928 \text{ Events}} = \mathbf{6.21}$ Average DMS Activations per Event

An average of 6.21 DMSs were activated per each signable event

- $\frac{20912 \text{ DMS Messages}}{5761 \text{ DMS Activations}} = \mathbf{3.63}$ Average DMS Messages per Activation

An average of 3.63 DMS messages were posted per each DMS activation

- $6.21 \frac{\text{DMS Activations}}{\text{Events}} \times 3.63 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \mathbf{22.53^*}$ DMS Messages per Event

An average of 22.53 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	820
Florida's Turnpike Enterprise	64
Miami-Dade Expressway Authority	1077
Total	1961

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	8193
Other Districts' Incidents	1382
Construction	10839
Safety	0
Vehicle Alert	498
Total	20912



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

Roadway	ID	Location	# of Activations	# of Messages	Duration (Hr:Min:SS)	Availability
I-95 Mainline	1	I-95 NB beyond NW 103 St	108	298	155:14:53	100.00%
	22	I-95 NB south of NW 62 St	83	202	124:13:18	100.00%
	75	I-95 NB before SR 112	167	431	175:49:12	100.00%
	77*	I-95 NB beyond SW 8 St	0	0	0:00:00	N/A*
	2	I-95 SB north of Ives Dairy Rd	183	446	187:27:44	100.00%
	3	I-95 SB north of Miami Gardens Dr	188	403	165:54:45	100.00%
	20	I-95 SB south of NW 119 St	62	220	126:55:02	100.00%
	21	I-95 SB south of NW 62 St	102	974	775:31:09	100.00%
	74*	I-95 SB beyond of SR 112	0	0	0:00:00	N/A*
	76*	I-95 SB before Rickenbacker Cswy	9	1091	666:39:06	N/A*
<i>I-95 Mainline Subtotal</i>			902	4065	2377:45:09	100.00%
I-95 Express	95X40	95X NB at NW 62nd St	83	196	83:45:42	98.69%
	95X45	95X NB at NW 125th St	89	250	125:43:09	99.72%
	95XSB45	95X SB at NW 62nd St	89	907	757:11:03	99.91%
	95XSB50	95X SB at NW 125th St	80	203	98:19:36	99.61%
<i>I-95 Express Subtotal</i>			341	1556	1064:59:30	99.48%
SR 826	14	SR 826 NB beyond NW 122 St	46	98	38:02:35	100.00%
	4	SR 826 EB east of NW 67 Ave	43	95	42:21:37	100.00%
	5	SR 826 EB east of NW 37 Ave	175	395	176:45:55	100.00%
	15	SR 826 WB beyond NW 17 Ave	33	109	64:29:03	100.00%
	17	SR 826 WB beyond NW 47 Ave	43	156	98:22:44	100.00%
	19	SR 826 WB beyond NW 67 Ave	64	223	117:07:59	99.78%
	826NB58	SR 826 NB before NW 58 St	42	88	60:09:09	100.00%
	826SB58	SR 826 SB before NW 58 St	100	240	202:24:11	100.00%
	826SB103	SR 826 SB before NW 103 St	87	246	176:41:20	100.00%
	826NB1.3-LL	SR 826 NB before SW 72 St	75	261	319:28:41	100.00%
	826NB4.8-LL**	SR 826 NB at SW 24 St	99	289	336:11:18	N/A**
	826SB8.8-LL**	SR 826 SB at NW 36 St	96	262	200:13:20	N/A**
<i>SR 826 Subtotal</i>			903	2462	1832:17:52	99.98%
I-75	43	I-75 NB before Miami Gardens Dr	15	21	36:53:42	100.00%
	44	I-75 SB before Miami Gardens Dr	74	209	126:46:51	100.00%
	42	I-75 SB ramp from NW 138 St	83	206	149:51:31	99.72%
<i>I-75 Subtotal</i>			172	436	313:32:04	99.91%
I-195 Mainline	57	I-195 EB before North Miami Ave	14	32	38:24:37	100.00%
	103	SR 112 EB before NW 39 St	91	385	387:54:09	54.84%
	105*	I-195 WB before Alton Rd	47	110	66:39:50	N/A*
<i>I-195 Mainline Subtotal</i>			152	527	492:58:36	77.42%
I-395	886WB	Port Blvd WB before US-1	120	1188	889:25:27	100.00%
	104	I-395 WB at Watson Island	160	594	251:49:47	98.93%
<i>I-395 Subtotal</i>			280	1782	1141:15:14	99.47%
<i>Limited Access Facilities Subtotal</i>			2750	10828	7222:48:25	98.26%



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Table 3b DMS Usage by Roadway (Arterials)

Roadway	ID	Location	# of Activations	# of Messages	Duration (Hr:min:ss)	Availability
I-95 Arterial	109	Ives Dairy EB Rd before I-95	123	308	129:46:49	98.86%
	113	Ives Dairy Rd WB before I-95	122	311	130:20:15	98.56%
	110	Miami Gardens Dr EB before I-95	136	313	122:51:37	98.50%
	111	Miami Gardens Dr WB before I-95	145	336	125:37:50	99.96%
	112	NW 103 St EB before I-95	131	376	165:17:08	99.96%
	106	NW 79 St EB before I-95	141	440	218:33:11	98.35%
	107	NW 54 St EB before I-95	158	465	218:36:32	99.94%
	108	SW 8 St EB before I-95	91	1258	696:50:28	88.45%
<i>I-95 Arterial Subtotal</i>			1047	3807	1807:53:50	97.82%
Golden Glades Interchange	6	SR 826 WB west of NE 2nd Ave	181	398	155:56:01	100.00%
	7	Turnpike SB to Golden Glades	177	380	148:05:53	100.00%
	9	US-441 NB at TRI-Rail	69	210	110:17:30	100.00%
	10	SR 9 NB before Park & Ride	108	275	122:35:02	100.00%
	8	US-441 SB at NW 179 St	180	387	148:54:52	100.00%
<i>Golden Glades Interchange Subtotal</i>			715	1650	685:49:18	100.00%
SR 826 Arterial	SW24EB	SW 24 St EB before SR 826	115	364	381:37:56	100.00%
	SW24WB	SW 24 St WB before SR 826	115	364	381:37:59	100.00%
	SW40EB	SW 40 St EB before SR 826	111	353	378:04:51	100.00%
	SW40WB	SW 40 St WB before SR 826	111	353	378:04:57	100.00%
	SW56EB	SW 56 St EB before SR 826	96	293	310:22:10	100.00%
	SW56WB	SW 56 St WB before SR 826	95	288	305:23:51	99.76%
	SW72EB	SW 72 St EB before SR 826	88	308	304:54:03	100.00%
	SW72WB	SW 72 St WB before SR 826	93	313	307:49:58	100.00%
<i>SR 826 Arterial Subtotal</i>			824	2636	2747:55:45	99.97%
I-195 Arterial	38	Alton Rd SB before I-195	39	108	32:17:21	100.00%
	39	Arthur Godfrey WB before I-195	38	105	31:12:48	100.00%
	40	Alton Rd NB before I-195	38	105	31:12:47	99.86%
<i>I-195 Arterial Subtotal</i>			115	318	94:42:56	99.95%
US-1 in Miami-Dade County	23	US-1 NB beyond SW 17 Ave	94	1004	790:22:57	100.00%
	45	US-1 SB before SW 80 St	33	71	59:09:53	98.70%
	47	US-1 SB at Florida's Turnpike	5	15	11:16:57	100.00%
	46	US-1 NB before Killian Dr	37	161	204:17:01	99.58%
	48	US-1 NB at Florida's Turnpike	7	25	18:12:44	100.00%
<i>US-1 in Miami-Dade County Subtotal</i>			176	1276	1083:19:32	99.66%



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

Roadway	ID	Location	# of Activations	# of Messages	Duration (Hr:Min)	Availability
US-1 South of Florida City	62	US-1 NB at Mile Marker 126	5	21	13:18:13	97.82%
	64	US-1 NB at Mile Marker 106	11	27	46:43:49	97.17%
	66	US-1 NB at Mile Marker 91.5	9	25	26:32:57	98.30%
	68	US-1 NB at Mile Marker 39.5	19	75	62:19:25	100.00%
	71	US-1 NB at Mile Marker 7.5	15	71	37:36:43	99.24%
	61	US-1 SB at Mile Marker 126	15	45	35:26:46	97.71%
	63	US-1 SB at Mile Marker 113	15	45	35:26:41	99.60%
	65	US-1 SB at Mile Marker 106	19	46	57:10:04	97.47%
	67	US-1 SB at Mile Marker 91.5	10	18	14:07:08	99.83%
	69	US-1 SB at Mile Marker 39.5	11	15	35:30:35	99.96%
	70	US-1 SB at Mile Marker 7.5	5	9	10:51:30	99.14%
US-1 South of Florida City Subtotal			134	397	375:03:51	98.75%
Arterials Subtotal			3011	10084	6794:45:12	99.17%
Limited Access Facilities Subtotal			2750	10828	7222:48:25	98.26%
Grand Total			5761	20912	14017:33:37	98.79%

*DMS 74, 76, 77, and 105 were undergoing testing for Capital Improvement and were used periodically; system availability is not measured for these devices.

**Two additional DMS along the SR 826 Section 5 project are operational and are still under warranty; system availability is not measured for these devices.



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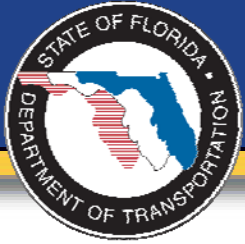


Table 4 Number of Messages by Roadway

Sign For Events On		DMS Located Along											
		I-95 Mainline	95 Express	SR 826	I-75	I-195 Mainline	I-395	I-95 Arterial	GGI	SR 826 Arterial	I-195 Arterial	US-1 in Miami-Dade County	US-1 South of Florida City
Vehicle Alert		66	28	104	31	31	14	0	35	54	0	45	90
Safety Messaging		0	0	0	0	0	0	0	0	0	0	0	0
District 6	Miami-Dade I-95	1243	222	212	0	69	245	1783	861	0	114	124	0
	Miami-Dade Express Lanes	425	244	104	0	97	210	0	306	0	15	5	0
	Miami-Dade I-195	50	3	0	0	55	3	71	0	0	102	10	0
	Miami-Dade I-395	208	197	0	0	122	219	486	0	0	33	172	0
	Miami-Dade MacArthur Causeway	749	730	0	0	125	613	0	0	0	3	663	0
	Miami-Dade SR-886/Port Boulevard	0	0	0	0	0	0	0	0	0	0	0	0
	Miami-Dade SR-826	77	27	1644	370	0	0	110	131	2102	0	154	0
	Miami-Dade I-75	0	0	69	19	0	0	0	0	0	0	0	0
	Miami-Dade US-1	1078	0	1	0	0	401	934	0	77	0	57	5
	Monroe US-1	0	0	0	0	0	0	0	0	0	0	0	282
	Monroe Card Sound Road	0	0	0	0	0	0	0	0	0	0	0	4
	Miami-Dade SR-9	0	0	0	0	0	0	0	0	0	0	0	0
	Miami-Dade US-27	0	0	18	0	0	0	0	0	0	0	0	0
	Miami-Dade US-441	0	0	0	0	0	0	0	0	0	0	0	0
	Miami-Dade OTHER	0	0	0	0	0	0	0	0	0	0	0	0
Monroe OTHER	0	0	0	0	0	0	0	0	0	0	0	0	
MDX	Miami-Dade SR-836	22	15	109	0	10	50	52	0	185	15	14	0
	Miami-Dade SR-836 Extension to 137th Ave	0	0	0	0	0	0	0	0	0	0	0	0
	Miami-Dade SR-112	67	21	0	0	18	27	70	4	0	36	8	0
	Miami-Dade SR-874	0	0	92	0	0	0	0	0	218	0	11	0
	Miami-Dade SR-878	0	0	0	0	0	0	0	0	0	0	2	0
Miami-Dade SR-924	0	0	21	10	0	0	0	0	0	0	0	0	
District 4	Broward I-95	68	63	73	0	0	0	301	301	0	0	0	0
	Broward I-75	0	0	8	5	0	0	0	0	0	0	0	0
	Broward I-595	0	0	0	0	0	0	0	0	0	0	0	0
	Palm Beach I-95	0	0	0	0	0	0	0	0	0	0	0	0
	Indian River I-95	0	0	0	0	0	0	0	0	0	0	0	0
Broward OTHER	0	0	0	1	0	0	0	0	0	0	0	0	
Turnpike	Miami-Dade Floridas Turnpike	0	0	1	0	0	0	0	0	0	0	11	16
	Miami-Dade Floridas Turnpike Spur	12	6	6	0	0	0	0	12	0	0	0	0
	Broward Floridas Turnpike	0	0	0	0	0	0	0	0	0	0	0	0
	Palm Beach Floridas Turnpike	0	0	0	0	0	0	0	0	0	0	0	0
	Martin Floridas Turnpike	0	0	0	0	0	0	0	0	0	0	0	0
St. Lucie Floridas Turnpike	0	0	0	0	0	0	0	0	0	0	0	0	
Subtotal of On Route		1243	244	1644	19	55	219	1783	861	2102	102	57	287
Subtotal of Off Route		2822	1312	818	417	472	1563	2024	789	534	216	1219	110
Total District 6		3896	1451	2152	420	499	1705	3384	1333	2233	267	1230	381
Other Agencies		169	105	310	16	28	77	423	317	403	51	46	16
Total		4065	1556	2462	436	527	1782	3807	1650	2636	318	1276	397

Notes:

- 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.*



DMS Messages by Time of Day

