



Summary of Monthly Operations

In the month of August, there were 16,679 messages posted with 6,000 DMS activations for 1,010 events. The DMS efficiency was 99.80% (1008 of the 1010 signable events had DMS messages posted). There was an average of 5.94 DMSs activated per each signable event and an average of 2.78 DMS messages were posted per each DMS activation. This resulted in an average of 16.51 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

- $\frac{6000 \text{ DMS Activations}}{1010 \text{ Events}} = \underline{5.94} \text{ Average DMS Activations per Event}$

An average of 5.94 DMSs were activated per each signable event

- $\frac{16679 \text{ DMS Messages}}{6000 \text{ DMS Activations}} = \underline{2.78} \text{ Average DMS Messages per Activation}$

An average of 2.78 DMS messages were posted per each DMS activation

- $5.94 \frac{\text{DMS Activations}}{\text{Events}} \times 2.78 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{16.51^*} \text{ DMS Messages per Event}$

An average of 16.51 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	737
Florida's Turnpike Enterprise	47
Miami-Dade Expressway Authority	624
Total	1408

Table 2 DMS Usage by Event Type

Event Type Message	Number of Messages
FDOT District 6 Incidents	9436
Other Districts' Incidents	905
Construction	5486
Safety	0
Vehicle Alert	852
Total	16679



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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	125	326	206:38:34	99.35%
	22	I-95 NB south of NW 62 St	95	200	130:08:32	100.00%
	75	I-95 NB before SR 112	212	451	205:33:23	99.25%
	77*	I-95 NB beyond SW 8 St	0	0	0:00:00	N/A*
	2	I-95 SB north of Ives Dairy Rd	205	487	209:26:34	97.28%
	3	I-95 SB north of Miami Gardens Dr	215	476	208:47:59	100.00%
	20	I-95 SB south of NW 119 St	71	249	136:14:59	100.00%
	21	I-95 SB south of NW 62 St	89	665	551:28:28	100.00%
	74*	I-95 SB beyond of SR 112	0	0	0:00:00	N/A*
	76*	I-95 SB before Rickenbacker Cswy	0	0	0:00:00	N/A*
<i>I-95 Mainline Subtotal</i>			1012	2854	1648:18:29	99.41%
I-95 Express	95X40	95X NB at NW 62nd St	87	151	81:47:56	80.09%
	95X45	95X NB at NW 125th St	123	298	188:01:40	98.79%
	95XSB45	95X SB at NW 62nd St	77	627	411:01:45	99.85%
	95XSB50	95X SB at NW 125th St	79	237	99:48:56	99.70%
<i>I-95 Express Subtotal</i>			366	1313	780:40:17	94.61%
SR 826	14	SR 826 NB beyond NW 122 St	50	147	86:28:30	100.00%
	4	SR 826 EB east of NW 67 Ave	37	84	72:55:08	98.74%
	5	SR 826 EB east of NW 37 Ave	193	417	260:10:43	100.00%
	15	SR 826 WB beyond NW 17 Ave	57	188	143:41:02	100.00%
	17	SR 826 WB beyond NW 47 Ave	72	209	194:51:38	99.32%
	19	SR 826 WB beyond NW 67 Ave	79	282	222:25:54	99.55%
	826NB58	SR 826 NB before NW 58 St	61	191	115:30:31	100.00%
	826SB58	SR 826 SB before NW 58 St	114	313	297:40:45	100.00%
	826SB103	SR 826 SB before NW 103 St	92	252	225:24:58	100.00%
	826NB1.3-LL	SR 826 NB before SW 72 St	63	158	287:25:50	99.58%
	826NB4.8-LL**	SR 826 NB at SW 24 St	104	276	329:35:24	N/A**
	826SB8.8-LL**	SR 826 SB at NW 36 St	112	311	299:41:50	N/A**
<i>SR 826 Subtotal</i>			1034	2828	2535:52:13	99.72%
I-75	43	I-75 NB before Miami Gardens Dr	21	35	78:17:34	100.00%
	44	I-75 SB before Miami Gardens Dr	94	246	209:51:20	100.00%
	42	I-75 SB ramp from NW 138 St	104	258	243:22:59	99.98%
<i>I-75 Subtotal</i>			219	539	531:31:53	99.99%
I-195 Mainline	57	I-195 EB before North Miami Ave	21	47	75:49:20	100.00%
	103	SR 112 EB before NW 39 St	0	0	0:00:00	0.00%
	105*	I-195 WB before Alton Rd	0	0	0:00:00	N/A*
<i>I-195 Mainline Subtotal</i>			21	47	75:49:20	50.00%
I-395	886WB	Port Blvd WB before US-1	96	600	425:44:56	99.94%
	104	I-395 WB at Watson Island	184	344	168:48:23	99.09%
<i>I-395 Subtotal</i>			280	944	594:33:19	99.52%
<i>Limited Access Facilities Subtotal</i>			2932	8525	6166:45:31	95.38%



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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	127	315	145:08:57	99.80%
	113	Ives Dairy Rd WB before I-95	125	306	143:10:25	99.93%
	110	Miami Gardens Dr EB before I-95	124	256	112:45:36	100.00%
	111	Miami Gardens Dr WB before I-95	137	311	121:07:30	98.91%
	112	NW 103 St EB before I-95	149	376	174:54:30	98.56%
	106	NW 79 St EB before I-95	137	347	125:36:05	99.59%
	107	NW 54 St EB before I-95	131	298	93:02:41	95.91%
	108	SW 8 St EB before I-95	48	146	74:08:28	52.65%
<i>I-95 Arterial Subtotal</i>			978	2355	989:54:12	93.17%
Golden Glades Interchange	6	SR 826 WB west of NE 2nd Ave	218	528	278:10:57	99.96%
	7	Turnpike SB to Golden Glades	210	500	268:07:00	97.68%
	9	US-441 NB at TRI-Rail	92	316	200:30:28	100.00%
	10	SR 9 NB before Park & Ride	129	383	218:05:09	100.00%
	8	US-441 SB at NW 179 St	212	520	255:27:56	97.84%
<i>Golden Glades Interchange Subtotal</i>			861	2247	1220:21:30	99.10%
SR 826 Arterial	SW24EB*	SW 24 St EB before SR 826	121	311	376:29:41	N/A*
	SW24WB	SW 24 St WB before SR 826	111	264	349:53:21	91.73%
	SW40EB	SW 40 St EB before SR 826	106	257	347:40:10	100.00%
	SW40WB	SW 40 St WB before SR 826	108	275	354:51:50	100.00%
	SW56EB	SW 56 St EB before SR 826	84	202	284:43:21	100.00%
	SW56WB	SW 56 St WB before SR 826	84	202	284:43:13	100.00%
	SW72EB	SW 72 St EB before SR 826	73	187	276:52:49	100.00%
	SW72WB	SW 72 St WB before SR 826	78	198	279:25:02	100.00%
<i>SR 826 Arterial Subtotal</i>			765	1896	2554:39:27	98.82%
I-195 Arterial	38	Alton Rd SB before I-195	33	93	33:43:47	94.31%
	39	Arthur Godfrey WB before I-195	37	112	40:33:11	100.00%
	40	Alton Rd NB before I-195	37	111	40:33:07	100.00%
<i>I-195 Arterial Subtotal</i>			107	316	114:50:05	98.10%
US-1 in Miami-Dade County	23	US-1 NB beyond SW 17 Ave	77	649	683:37:06	100.00%
	45	US-1 SB before SW 80 St	33	65	136:04:26	99.88%
	47	US-1 SB at Florida's Turnpike	11	23	40:33:15	100.00%
	46	US-1 NB before Killian Dr	37	94	232:34:58	99.81%
	48	US-1 NB at Florida's Turnpike	10	22	37:02:44	100.00%
<i>US-1 in Miami-Dade County Subtotal</i>			168	853	1129:52:29	99.94%



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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	14	32	45:05:31	99.66%
	64	US-1 NB at Mile Marker 106	17	39	67:13:05	98.76%
	66	US-1 NB at Mile Marker 91.5	12	38	35:34:32	99.37%
	68	US-1 NB at Mile Marker 39.5	26	76	64:15:47	93.96%
	71	US-1 NB at Mile Marker 7.5	25	87	58:42:45	99.93%
	61	US-1 SB at Mile Marker 126	19	57	48:37:45	100.00%
	63	US-1 SB at Mile Marker 113	19	57	52:14:59	99.33%
	65	US-1 SB at Mile Marker 106	24	42	73:42:33	98.98%
	67	US-1 SB at Mile Marker 91.5	15	31	39:47:24	98.39%
	69	US-1 SB at Mile Marker 39.5	11	15	43:46:52	93.99%
	70	US-1 SB at Mile Marker 7.5	7	13	35:13:56	99.93%
US-1 South of Florida City Subtotal			189	487	564:15:09	98.39%
Arterials Subtotal			3068	8154	6573:52:52	97.66%
Limited Access Facilities Subtotal			2932	8525	6166:45:31	95.38%
Grand Total			6000	16679	12740:38:23	96.67%

*DMS 74, 76, 77, 105, and FLD6DOTSW24EB004.9-A 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		105	51	184	53	20	23	0	65	104	22	79	146
Safety Messaging		0	0	0	0	0	0	0	0	0	0	0	0
District 6	Miami-Dade I-95	1,255	206	245	5	0	169	1,607	1,047	22	149	93	0
	Miami-Dade Express Lanes	482	266	135	0	0	206	0	404	0	0	0	0
	Miami-Dade I-195	61	0	0	0	27	31	68	0	0	96	5	0
	Miami-Dade I-395	30	23	0	0	0	48	58	0	0	12	19	0
	Miami-Dade MacArthur Causeway	643	616	0	0	0	413	0	0	0	0	510	0
	Miami-Dade SR-886/Port Boulevard	0	0	0	0	0	0	0	0	0	0	0	0
	Miami-Dade SR-826	136	55	1,631	443	0	2	202	275	1,436	0	46	0
	Miami-Dade I-75	0	0	374	13	0	0	25	185	74	0	0	0
	Miami-Dade US-1	3	3	6	0	0	6	48	0	89	0	73	19
	Monroe US-1	0	0	0	0	0	0	0	0	0	0	0	307
	Monroe Card Sound Road	0	0	0	0	0	0	0	0	0	0	0	15
	Miami-Dade SR-9	0	0	0	0	0	0	0	0	0	0	0	0
	Miami-Dade US-27	0	0	0	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	2	0	0	0	0
Monroe OTHER	0	0	0	0	0	0	0	0	0	0	0	0	
MDX	Miami-Dade SR-836	9	7	82	0	0	26	19	0	100	1	8	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	58	33	0	0	0	20	56	0	0	36	8	0
	Miami-Dade SR-874	0	0	36	0	0	0	0	0	71	0	6	0
	Miami-Dade SR-878	0	0	0	0	0	0	0	0	0	0	6	0
Miami-Dade SR-924	0	0	28	14	0	0	0	0	0	0	0	0	
District 4	Broward I-95	63	49	67	0	0	0	259	252	0	0	0	0
	Broward I-75	0	0	36	11	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	0	0	0	0	0	0	0	0	0
Turnpike	Miami-Dade Floridas Turnpike	9	3	3	0	0	0	9	12	0	0	0	0
	Miami-Dade Floridas Turnpike Spur	0	0	0	0	0	0	0	0	0	0	0	0
	Broward Floridas Turnpike	0	1	1	0	0	0	4	5	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		1,255	266	1,631	13	27	48	1,607	1,047	1,436	96	0	307
Subtotal of Off Route		1,599	1,047	1,197	526	20	896	748	1,200	460	220	780	161
Total District 6		2,715	1,220	2,575	514	47	898	2,008	1,978	1,725	279	825	487
Other Agencies		139	93	253	25	0	46	347	269	171	37	28	0
Total		2,854	1,313	2,828	539	47	944	2,355	2,247	1,896	316	853	487

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.

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DMS Messages by Time of Day

