



**MARCH 2008**  
*DMS Usage Report*



**Summary of Monthly Operations**

In the month of March there were 2,236 messages posted with 2,430 DMS activations for 386 events. There were 337 signable events or 100% of the signable events had a DMS message(s) posted.

**Summary of Average Monthly Operations**

- $\frac{2433 \text{ DMS Activations}}{337 \text{ Events}} = \underline{7.22} \text{ DMS Activations / Event}$
- $\frac{3080 \text{ DMS Messages}}{2430 \text{ DMS Activations}} = \underline{1.27} \text{ DMS Messages / Activation}$
- $7.22 \frac{\text{DMS Activations}}{\text{Events}} \times 1.27 \frac{\text{DMS Messages}}{\text{DMS Activations}} = \underline{9.17} \text{ DMS Messages / Event}$

**Table 1 DMS Usage for Other Agencies**

| Agency                          | Number of Messages |
|---------------------------------|--------------------|
| FDOT District 4                 | 99                 |
| Florida's Turnpike Enterprise   | 1                  |
| Miami-Dade Expressway Authority | 274                |
| <b>Total</b>                    | <b>374</b>         |

**Table 2 DMS Usage by Event Type**

| Event Type Message         | Number of Messages |
|----------------------------|--------------------|
| FDOT District 6 Incidents  | 1093               |
| Other Districts' Incidents | 284                |
| Construction               | 485                |
| Amber Alert                | 0                  |
| Safety                     | 1218               |
| <b>Total</b>               | <b>3080</b>        |

Note: Among all the messages signed for District 6 incidents, 28 messages were used for police activities.

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**Table 3 DMS Usage by Roadway**

| Roadway                                    | ID                        | Location                         | # of Events | # of Messages | Duration (Hr:Min) | Availability   |
|--|---------------------------|----------------------------------|-------------|---------------|-------------------|----------------|
| I-95 Mainline                              | 1                         | NB I-95 n/ of NW 103 ST          | 35          | 55            | 134:43            | 91.68%         |
|  | 22                        | NB I-95 s/ of NW 62 ST           | 0           | 0             | 0:00              | 0.00%          |
|  | 75                        | NB I-95 s/ of SR 112             | 67          | 92            | 173:56            | 99.13%         |
|  | 77                        | NB I-95 n/ of SW 8 ST            | 112         | 143           | 295:35            | 99.82%         |
|  | 2                         | SB I-95 n/ Ives Dairy RD         | 44          | 54            | 79:40             | 100.00%        |
|  | 3                         | SB I-95 n/ of Miami Gardens DR   | 57          | 68            | 85:42             | 100.00%        |
|  | 20                        | SB I-95 s/ of NW 119 ST          | 65          | 90            | 161:11            | 100.00%        |
|  | 21                        | SB I-95 s/ of NW 62 ST           | 0           | 0             | 0:00              | 0.00%          |
|  | 74                        | SB I-95 s/ of SR 112             | 56          | 66            | 218:30            | 87.04%         |
|  | 76                        | SB I-95 n/ of Rickenbacker CSWY  | 13          | 16            | 52:55             | 95.78%         |
| <b>I-95 Mainline Subtotal</b>              |                           |                                  | <b>449</b>  | <b>584</b>    | <b>1202:16</b>    | <b>77.35%</b>  |
| I-95 Arterial                              | 109                       | EB Ives Dairy RD W/ of I-95      | 46          | 63            | 35:58             | 100.00%        |
|  | 113                       | WB Ives Dairy RD e/ of I-95      | 46          | 57            | 35:09             | 100.00%        |
|  | 110                       | EB Miami Gardens DR w/ of I-95   | 64          | 86            | 43:06             | 100.00%        |
|  | 111                       | WB Miami Gardens DR e/ of I-95   | 57          | 77            | 38:32             | 100.00%        |
|  | 112                       | EB NW 103 ST w/ of I-95          | 0           | 0             | 0:00              | 0.00%          |
|  | 106                       | EB NW 79 ST w/ of I-95           | 68          | 89            | 86:07             | 100.00%        |
|  | 107                       | EB NW 54 ST w/ of I-95           | 83          | 110           | 184:01            | 99.62%         |
|  | 108                       | EB SW 8 ST w/ of I-95            | 43          | 59            | 43:24             | 97.49%         |
| <b>I-95 Arterial Subtotal</b>              |                           |                                  | <b>194</b>  | <b>258</b>    | <b>313:33</b>     | <b>99.04%</b>  |
| Golden Glades Interchange                  | 6                         | WB SR 826 w/ of NE 2nd AVE       | 65          | 81            | 36:47             | 99.70%         |
|  | 7                         | SB Turnpike to the Golden Glades | 66          | 87            | 37:27             | 99.63%         |
|  | 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            |
| <b>Golden Glades Interchange Subtotal</b>  |                           |                                  | <b>131</b>  | <b>168</b>    | <b>74:15</b>      | <b>99.67%</b>  |
| SR-826                                     | 14                        | NB SR 826 n/ of NW 122 ST        | 15          | 23            | 9:20              | 100.00%        |
|  | 4                         | EB SR 826 e/ of NW 67 AVE        | 0           | 0             | 0:00              | N/A            |
|  | 5                         | EB SR 826 e/ of NW 37 AVE        | 58          | 81            | 27:54             | 100.00%        |
|  | 15                        | WB SR 826 w/ of NW 17 AVE        | 28          | 38            | 15:26             | 100.00%        |
|  | 17                        | WB SR 826 w/ of NW 47 AVE        | 41          | 58            | 54:33             | 100.00%        |
|  | 19                        | WB SR 826 w/ of NW 67 AVE        | 53          | 73            | 109:30            | 100.00%        |
| <b>SR-826 Subtotal</b>                     |                           |                                  | <b>195</b>  | <b>273</b>    | <b>216:45</b>     | <b>100.00%</b> |
| I-75                                       | 43                        | NB I-75 s/ of Miami Gardens DR   | 4           | 7             | 4:05              | 100.00%        |
|  | 44                        | SB I-75 s/ of Miami Gardens DR   | 58          | 80            | 97:00             | 100.00%        |
|  | 42                        | SB I-75 s/ of NW 138 ST          | 64          | 89            | 111:35            | 100.00%        |
| <b>I-75 Subtotal</b>                       |                           |                                  | <b>126</b>  | <b>176</b>    | <b>212:41</b>     | <b>100.00%</b> |
| I-195 Mainline                             | 57                        | EB I-195 w/ of North Miami AVE   | 6           | 10            | 0:00              | 99.66%         |
|  | 103                       | EB SR 112 e/ of Toll Plaza       | 57          | 78            | 72:22             | 99.95%         |
|  | 105                       | WB I-195 e/ of Alton RD          | 69          | 88            | 116:22            | 99.79%         |
| <b>I-195 Mainline Subtotal</b>             |                           |                                  | <b>132</b>  | <b>176</b>    | <b>188:45</b>     | <b>99.80%</b>  |
| I-195 Arterial                             | 38                        | SB Alton RD to WB I-195          | 56          | 73            | 95:13             | 100.00%        |
|  | 39                        | WB 41 ST to WB I-195             | 54          | 72            | 94:23             | 100.00%        |
|  | 40                        | NB Alton RD to WB I-195          | 55          | 72            | 94:57             | 100.00%        |
| <b>I-195 Arterial Subtotal</b>             |                           |                                  | <b>165</b>  | <b>217</b>    | <b>284:34</b>     | <b>100.00%</b> |
| I-395                                      | 104                       | WB I-395 @ Watson Island         | 116         | 149           | 242:28            | 99.96%         |
| <b>I-395 Subtotal</b>                      |                           |                                  | <b>116</b>  | <b>149</b>    | <b>242:28</b>     | <b>99.96%</b>  |
| US 1 in Miami-Dade Co.                     | 23                        | NB US-1 n/ of SW 17 AVE          | 0           | 0             | 0:00              | 0.00%          |
| <b>US 1 in Miami-Dade County Subtotal</b>  |                           |                                  | <b>0</b>    | <b>0</b>      | <b>0:00</b>       | <b>0.00%</b>   |
| US 1 South of Florida City                 | 62                        | NB US-1 @ Florida City           | 1           | 1             | 8:41              | 100.00%        |
|  | 64                        | NB US 1 @ Mile Marker 106        | 3           | 4             | 26:24             | 99.99%         |
|  | 66                        | NB US 1 @ Mile Marker 91.5       | 3           | 4             | 26:25             | 100.00%        |
|  | 68                        | NB US 1 @ Mile Marker 39.5       | 3           | 3             | 14:47             | 97.84%         |
|  | 71                        | NB US 1 @ Mile Marker 7.5        | 3           | 4             | 41:04             | 97.58%         |
|  | 61                        | SB US-1 @ Florida City           | 1           | 3             | 17:52             | 14.99%         |
|  | 63                        | SB US-1 @ Mile Marker 113        | 1           | 2             | 19:57             | 100.00%        |
|  | 65                        | SB US-1 @ Mile Marker 106        | 1           | 1             | 3:57              | 100.00%        |
|  | 67                        | SB US-1 @ Mile Marker 91.5       | 1           | 1             | 3:56              | 100.00%        |
|  | 69                        | SB US-1 @ Mile Marker 39.5       | 1           | 1             | 3:56              | 98.43%         |
| 70   | SB US-1 @ Mile Marker 7.5 | 0                                | 0           | 0:00          | 98.44%            |                |
| <b>US 1 South of Florida City Subtotal</b> |                           |                                  | <b>18</b>   | <b>24</b>     | <b>167:05</b>     | <b>91.57%</b>  |
| <b>Grand Total</b>                         |                           |                                  | <b>1394</b> | <b>1849</b>   | <b>2713:39</b>    | <b>89.92%</b>  |

\* 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 |
| <b>Amber Alert*</b>               | 0                 | 0             | 0             | 0      | 0    | 0     | 0     | 0                         | 0                          |
| <b>Safety Messaging*</b>          | 0                 | 0             | 0             | 0      | 0    | 0     | 0     | 0                         | 0                          |
| <b>I-95</b>                       | 277               | 97            | 323           | 48     | 8    | 133   | 37    | 0                         | 0                          |
| <b>I-75</b>                       | 0                 | 0             | 0             | 10     | 10   | 0     | 0     | 0                         | 0                          |
| <b>I-195</b>                      | 35                | 5             | 44            | 1      | 0    | 74    | 8     | 0                         | 0                          |
| <b>I-395</b>                      | 10                | 0             | 15            | 0      | 0    | 4     | 14    | 0                         | 0                          |
| <b>SR 826</b>                     | 26                | 25            | 0             | 133    | 0    | 5     | 2     | 0                         | 0                          |
| <b>M-CSWY</b>                     | 8                 | 0             | 0             | 0      | 0    | 2     | 0     | 0                         | 0                          |
| <b>US 1 in Miami-Dade County</b>  | 25                | 0             | 23            | 0      | 0    | 20    | 11    | 0                         | 0                          |
| <b>US 1 South of Florida City</b> | 0                 | 0             | 0             | 0      | 0    | 0     | 0     | 0                         | 24                         |
| <b>MDX</b>                        | 80                | 4             | 8             | 2      | 103  | 90    | 27    | 0                         | 0                          |
|                                   | 105               | 5             | 31            | 33     | 38   | 65    | 50    | 0                         | 0                          |
|                                   | 0                 | 0             | 0             | 2      | 2    | 0     | 0     | 0                         | 0                          |
|                                   | 0                 | 0             | 0             | 0      | 0    | 0     | 0     | 0                         | 0                          |
|                                   | 0                 | 0             | 0             | 17     | 12   | 0     | 0     | 0                         | 0                          |
| <b>District 4</b>                 | 18                | 32            | 97            | 27     | 3    | 0     | 0     | 0                         | 0                          |
| <b>Florida's Turnpike</b>         | 0                 | 0             | 0             | 0      | 0    | 0     | 0     | 0                         | 0                          |
| <b>Subtotal of On Route</b>       | 277               | 97            | 323           | 133    | 10   | 74    | 14    | 0                         | 24                         |
| <b>Subtotal of Off Route</b>      | 307               | 71            | 218           | 140    | 166  | 319   | 135   | 0                         | 0                          |
| <b>Total District 6</b>           | 381               | 127           | 405           | 192    | 18   | 238   | 72    | 0                         | 24                         |
| <b>Other Agencies</b>             | 203               | 41            | 136           | 81     | 158  | 155   | 77    | 0                         | 0                          |
| <b>Total</b>                      | 584               | 168           | 541           | 273    | 176  | 393   | 149   | 0                         | 24                         |

Note: \*Amber Alert are signed for entire Miami-Dade County, thus is not location-specific event.

\*Safety Messages are signed for entire Miami-Dade County, 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**

