



District Six Uses Business Intelligence Platform to Harness Operational Data

The District Six TSM&O Office is using business intelligence (BI) technology to optimize the use of roadway data collected by the SunGuide Transportation Management Center (TMC). The initiative is allowing the District to leverage this information to generate a suite of interactive reports that are supporting program functions, including monitoring traffic trends during the COVID-19 pandemic, and improving data sharing efforts with the public.

The initiative began when the District sought to improve the program's reporting capabilities. It wanted to create reports that changed dynamically according to the latest information and filtered according to preselected topics and categories. They found that BI technology provided these features since it allowed staff to

Users can find out this information according to roadways, month and year dating back to 2008.

combine multiple data sets and present information in a more user-friendly and decision-oriented format. The District expanded the use of this tool and customized it to support a total of 10 internal reports and two public dashboards.

The dashboards are located on the program website, SunGuide, and provide relevant roadway and traffic incident management (TIM) data to the public. The TIM dashboard features several data sets including roadway clearance times, incident clearance times, secondary crashes, and road ranger average time on scene. Users can find out this information according to roadways, month and year dating back to 2008. This feature is reducing the barrier of communication with the public and making program data easier to access.

WHAT'S NEW?

- Monroe County TIM Team Hosted Annual Meeting – November 2020

UPCOMING EVENTS

- Miami-Dade East TIM Team (I-95 Corridor) - February 2021
- Miami-Dade/Broward TIM Team - April 2021
- Miami-Dade West TIM Team (Palmetto Corridor) - May 2021



DISTRICT SIX TIM TEAM HOSTS VIRTUAL TRAINING FOR RESPONDERS

The TIM Team hosted their virtual National TIM Responder Training Course last December.

The meeting was attended by over 45 regional partners from various agencies, including Florida's Turnpike, Port Miami, and Miami-Dade Transit. The course was created to promote the consistent training of the three objectives outlined in the National Unified Goal for Traffic Incident Management which includes responder safety, safe and quick clearance, and

prompt, interoperable and reliable communications. The course is mandatory for all District Six responders but is offered to all partners to promote unified response approach in the field.

The TIM team remained committed to maintaining its meeting schedule in 2020. It adapted to the implications caused by COVID-19 by moving all meetings to a virtual format and implemented an interactive survey application to keep attendees engaged in the meetings.

INCIDENT MANAGEMENT AT A GLANCE

(October 1, 2020 - December 31, 2020)

ROAD RANGER STATS

15,078

Total Responses

27,810

Total Activities

10:02_{min}

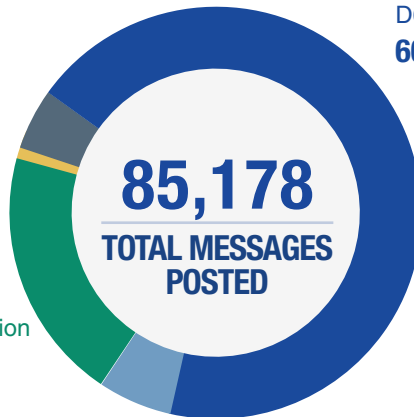
Average Response Time
For events not detected by a Road Ranger

DYNAMIC MESSAGE SIGN POSTS

Other Agency Incidents
3,245

FDOT D6 Incidents
60,914

Safety Messages
508



85,178
TOTAL MESSAGES POSTED

Construction
9,819

Vehicle Alerts
10,692

RISC STATS

District Six implemented the Rapid Incident Scene Clearance (RISC) Program in 2009 to reduce the impact of large-scale traffic events along our roadways. The program covers: Interstates 75, 95, 195, 395, State Road 826, Krome Avenue, Okeechobee Road, the MacArthur Causeway, and US-1 in Monroe County.

8

RISC Activations

73_{min*}

Arrival Time

110_{min*}

Travel Lane Clearance Time

204_{min*}

Total Incident Clearance Time

* These numbers are an average

LANE BLOCKAGE EVENTS & AVERAGE RESPONSE TIMES**

** The figures presented are based only on travel time blockage and events not detected by a Road Ranger.

I-95

Including GGI

712
Events

10:32_{min}
Avg. Response Time

I-75

42
Events

12:31_{min}
Avg. Response Time

SR 826

607
Events

8:57_{min}
Avg. Response Time

I-195

53
Events

10:05_{min}
Avg. Response Time

95 Express

362
Events

10:51_{min}
Avg. Response Time

75 Express

4
Events

10:00_{min}
Avg. Response Time

Palmetto Express

97
Events

9:15_{min}
Avg. Response Time

I-395

56
Events

9:17_{min}
Avg. Response Time

For more information on FDOT District Six's Incident Management Program, please visit: www.sunguide.info

