

DESIGNING FOR BICYCLIST SAFETY SOUTH FLORIDA



On December 12-13, 2023, The Miami-Dade Transportation Planning Organization (TPO), in partnership with the Florida Department of Transportation (FDOT), hosted a two-day workshop to discuss roadway safety design principles and provide planners, engineers and designers the foundation needed to address the needs of bicyclists and improve roadway safety features utilizing the best design methods. Various transportation agencies throughout South Florida attended.

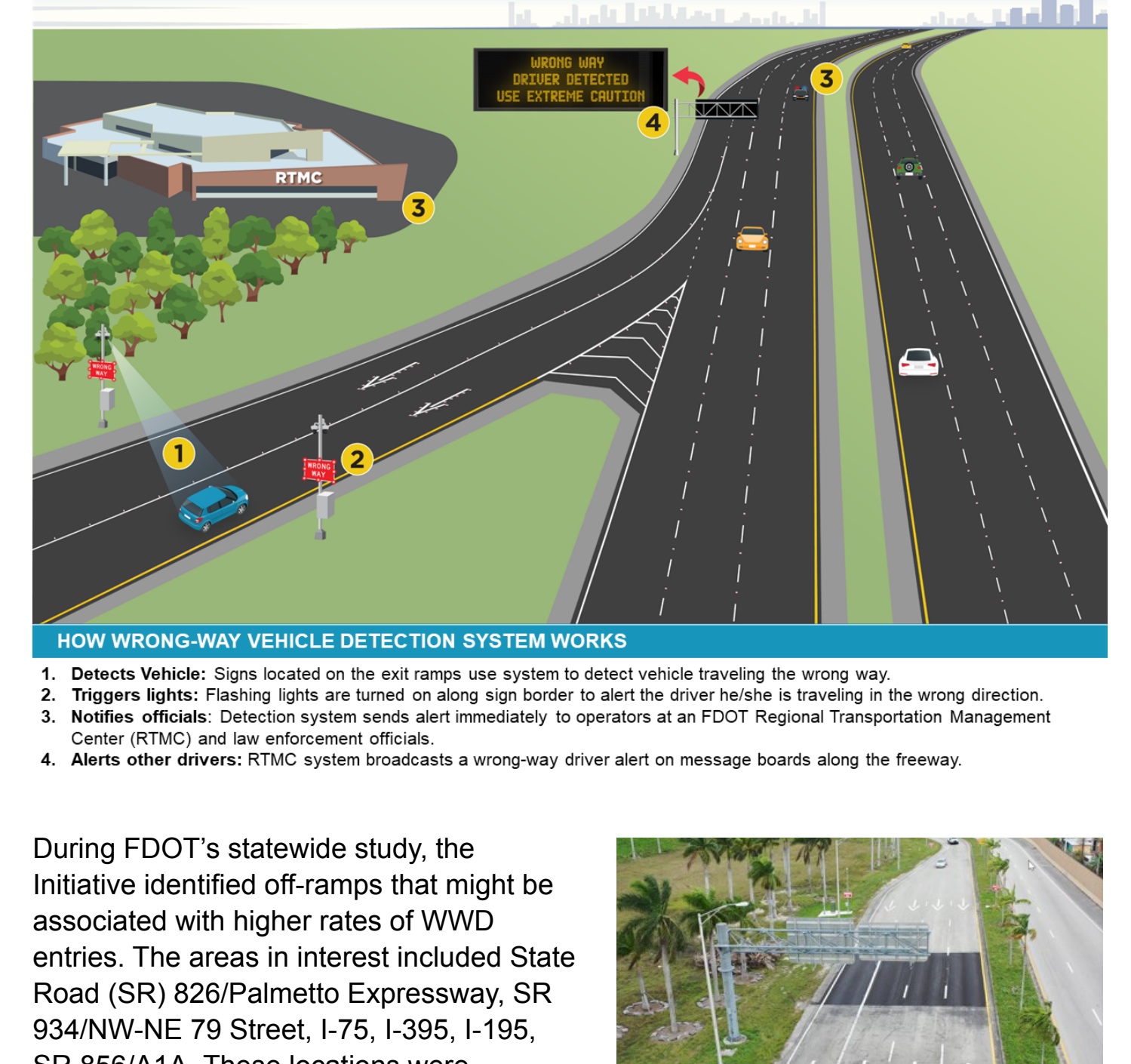
Day One, involved creating and implementing features that enhance safety for cyclists, reduce the risk of crashes and minimize the severity of injuries and a presentation on international design methods that have led to safe, comfortable, direct, cohesive, and attractive cycling networks.



Day Two included an educational, guided bicycle tour showcasing Miami-Dade County's existing bicycle infrastructure, teaching participants how to cycle safely in an urbanized area, and a discussion of safety improvements being recommended as part of the Rickenbacker Causeway Master Plan and the Miami-Dade County Vision Zero Framework Plan.

Learn more at <https://highways.dot.gov/safety/pedestrian-bicyclist>

SAFETY SPOTLIGHT

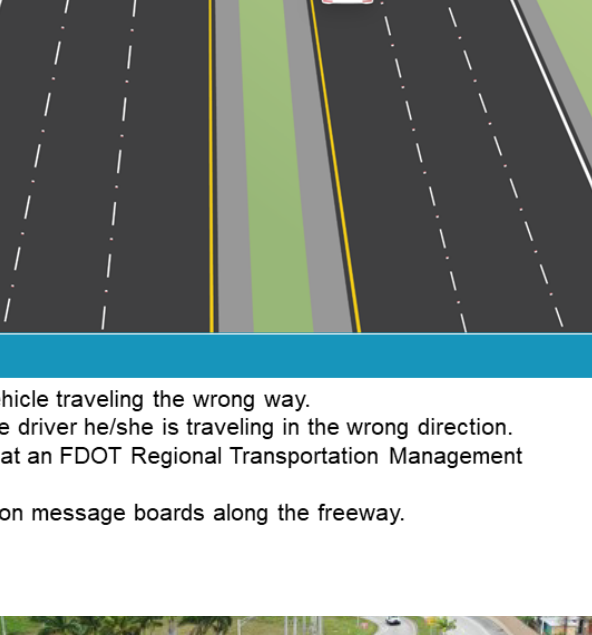


DISTRICT SIX WRONG WAY DRIVING PROJECTS

Wrong Way Driving (WWD) crashes are considered the most serious collision because they are usually head-on crashes and often result in fatalities and severe injury crashes.

WWD Projects include installing WWD Detection System at 95 Off Ramps in District Six. This system detects wrong way drivers, immediately flashes alert signals, and sends alerts to authorities.

Drivers going in the wrong direction react to flashing alerts and can self-correct. If the driver continues past the system, a predetermined message is displayed on Dynamic Message Signs (DMS) on highways to warn other drivers, so they can take action to avert a crash while authorities pursue the vehicle.



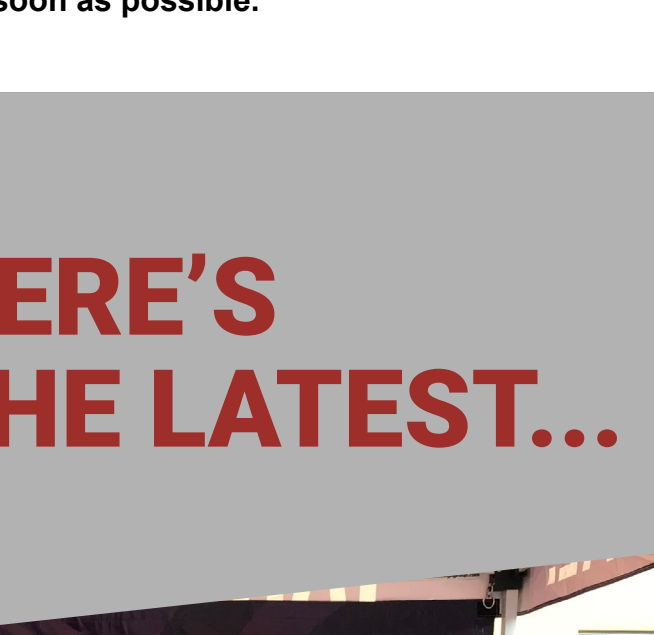
See video: <https://www.youtube.com/watch?v=c8BAMdHT6GE>



HOW WRONG-WAY VEHICLE DETECTION SYSTEM WORKS

1. Detects Vehicle: Signs located on the exit ramps use system to detect vehicle traveling the wrong way.
2. Triggers lights: Flashing lights are turned on along sign border to alert the driver/he/she is traveling in the wrong direction.
3. Notifies officials: Detection system sends alert immediately to operators at an FDOT Regional Transportation Management Center (RTMC) and law enforcement officials.
4. Alerts other drivers: RTMC system broadcasts a wrong-way driver alert on message boards along the freeway.

During FDOT's statewide study, the Initiative identified off-ramps that might be associated with higher rates of WWD entries. The areas in interest included State Road (SR) 826/Palmetto Expressway, SR 934/NW-NE 79 Street, I-75, I-395, I-195, SR 856/A1A. These locations were prioritized based on the severity of the crashes.



CITIZEN REQUESTS

The FDOT District Six Traffic Operations Office continues to investigate requests for new or enhanced pedestrian crossings, sidewalks, and school zone signage submitted by citizens, elected officials, and local municipalities in Miami-Dade and Monroe counties. This is achieved through the Correspondence Tracking Program (CTP), a system that manages and documents requests from citizens who recommend improvements to the state's roads. The CTP system documents field observations, crash history data, pedestrian counts, and road conditions to generate reports and data used to identify potential safety and operational improvements.

The CTPs shown below represent inquiries and requests received between June to December 2023.

6

PEDESTRIAN CROSSING

Inquiries included concerns regarding uncontrolled crosswalks with minimal treatments at offset intersections on a multi-lane road.

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SCHOOL ZONE

Inquiries included concern about traffic congestion and safety during drop-off and pick-up times.

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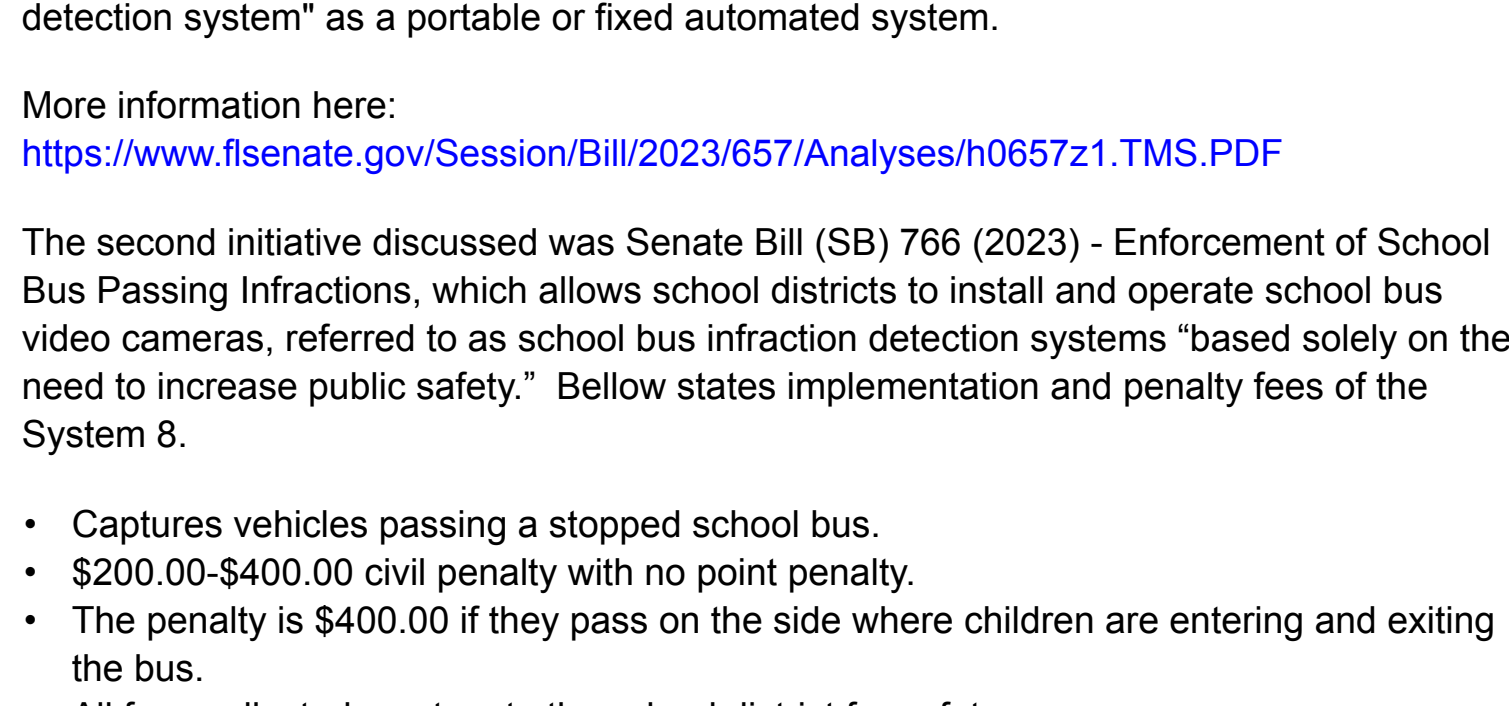
CROSSING FEATURES

Inquiries included enhancing existing pedestrian crossings with additional safety and mobility features.

If you have questions or concerns regarding pedestrian or bicycle safety, contact Isis Sotolongo, Bike & Pedestrian Traffic Specialist, at isis.sotolongo@dot.state.fl.us or at 305-470-5335.

We will get back to you as soon as possible.

HERE'S THE LATEST...



EVERY BICYCLIST AND PEDESTRIAN IS IMPORTANT FOR SOMEONE.

Every year, thousands are affected by road crashes in Florida. They are not just numbers – they are our family members, friends, and neighbors. Ensuring their safety is FDOT's top priority.

We believe in the power of our community. The District Six **Alert Today Alive Tomorrow Campaign** involves collaboration with local schools, law enforcement, and health organizations to spread the message of road safety with the goal of zero fatalities and serious injuries.

Safety is a shared responsibility. We encourage you to be vigilant, obey traffic rules, and actively participate in our road safety initiatives.

We encourage you to yield to pedestrians in the crosswalks when making left turns and right turns, cross at crosswalks, and push pedestrian buttons to cross the road.

Together, we can create a safer future for our community. Join us in making District Six a model of road safety.

SEE MORE: <https://fdotsafetyresources.com/>

ALERT TODAY ALIVE TOMORROW CAMPAIGN REPORT 2023

The "Alert Today, Alive Tomorrow" campaign executed by FDOT, District Six, took place from June to September 2023. As a component of the FDOT Traffic Operations' safety section and aligned with FDOT's mission dedicated to "providing a secure transportation system ensuring the mobility of people and goods while preserving the quality of our environment and communities," the campaign aimed to raise awareness of bicyclist and pedestrian and to educate our community on safe behaviors when walking or driving in Miami-Dade and Monroe counties.



QUARTERLY DISTRICT SIX TRAFFIC SAFETY MEETING

SPEEDING INITIATIVE, CAMERAS, SCHOOL ZONE AND SCHOOL BUS PASSING INFRACTIONS

During the District Six Quarterly Traffic Safety meeting, the **Automated Traffic Enforced Program** was discussed. According to the National Highway Traffic Safety Administration (NHTSA), a pedestrian hit by a vehicle traveling 20 m.p.h. is almost two-thirds less likely to be killed than a pedestrian hit at a speed of 30 m.p.h. or more.

This initiative is based on the House Bill (HB) 657 bill, which authorizes local governments to install automated speed detection systems in school zones. The bill defines a "speed detection system" as a portable or fixed automated system.

More information here:

<https://www.flsenate.gov/Session/Bill/2023/657/Analyses/h0657z1.TMS.PDF>

The Second Initiative was Senate Bill (SB) 766 (2023) - Enforcement of School Bus Passing Infractions, which allows school districts to install and operate school bus video cameras, referred to as school bus infraction detection systems "based solely on the need to increase public safety." Below states implementation and penalty fees of the System 8.

- Captures vehicles passing a stopped school bus.
- \$200.00-\$400.00 civil penalty with no point penalty.
- The penalty is \$400.00 if they pass on the side where children are entering and exiting the bus.
- All fees collected must go to the school district for safety measures.
- Each school district must enter into an interlocal agreement with law enforcement agencies authorized to enforce violation.

SAFETY DOESN'T HAPPEN BY ACCIDENT

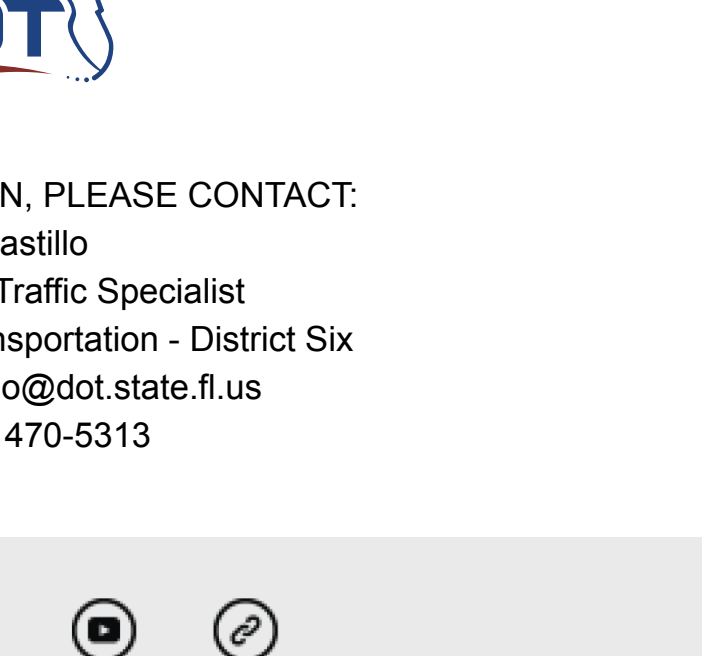


When **DRIVING, WALKING** or **BICYCLING...** pay attention, read the signs and obey the laws.

TARGET ZERO EVENTS

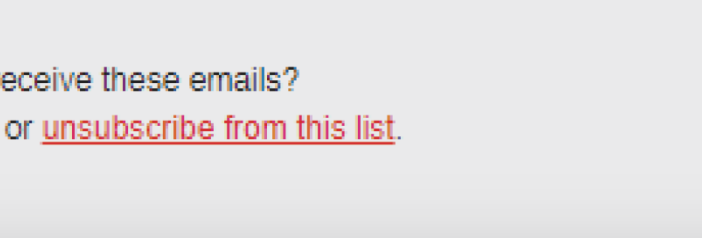
Safe mobility collaboration with Cano Health, in collaboration with FDOT District Four

District Four and District Six joined forces in a Train-the-Trainer workshop with Cano Health. As coalition members, we had the opportunity to teach Cano Health employees about resources available to the elderly community and their customers once it's time for them to put down their car keys. Presentations were made in English and Spanish. The Spanish training hosted 51 employees and the English training hosted 10 employees.



UM Walk to School Day at Broadmoore Elementary School.

University of Miami's Walk Safe/Bike Safe Program hosted its annual walk to school day on October 4, 2023 at Broadmoore Elementary School. Students were invited to participate in a parade around the school to celebrate kid-friendly neighborhoods and safe streets. Miami Central Senior High School marching band, color guard, and cheerleaders led the parade, while UM Mascot Sebastian joined in on the fun. Miami-Dade TPO and Miami-Dade County Mayor Daniella Levine Cava came out to support the event.



Miami-Dade County Public Schools Office and Safety and Emergency Management Host Powerful and Engaging Presentations

In partnership with FDOT, University of Miami's Walk Safe/Bike Safe program, Mothers Against Drunk Driving (MADD), and Miami Dade Police Department have teamed up to provide educational safety presentations to junior and senior high school students at various high schools throughout the school district. Present are a minimum of 400 students per presentation and a total of nine presentations are set to take place throughout the school year.

Walk like MADD 5k Race

The annual Walk like MADD 5k Race hosted by the Mothers Against Drunk Driving (MADD) organization took place in early October 2023. Many FDOT employees and their families came to participate in the event. Educational and promotional materials were given out to the attendees after the race was completed. In addition to the Department of Transportation, Medley Police Department was also a big supporter of the event.

BECOME A SAFETY PARTNER

Full Name *

Title *

Organization *

Phone *

Email *

SUBMIT

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FOR MORE INFORMATION, PLEASE CONTACT:

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