FDOT Tampa Bay
Florida Department of Transportation

Railroad Dynamic Envelope Striping - Pasco and Hernando counties - Multiple locations

447027-3-52-01

Project Details

Work Type	Striping
Phase	Completed
Project Start	October 2020
County	Hernando Pasco
Construction Cost	$70,000
Estimated Completion	Spring 2021
Contractor	Traffic Control Products of FL, Inc.

Contact Information

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About

This project will install Dynamic Envelopes at multiple railroad crossings in Pasco and Hernando counties

The crossings include;

- SR 597 / Dale Mabry Hwy at US 41 (Land O Lakes)
- US 41 north of SR 52
- SR 575 / Trilby Rd (Lacoochee)
- US 41 / Broad St (Brooksville)
- SR 50 / Cortez Blvd (Brooksville)
- SR 50 / Cortez Blvd (Ridge Manor)
- SR 50A / Jefferson St. (Brooksville)
- US 98 north of Brooksville

Dynamic envelopes are roadway markings used to increase safe stopping behavior and safety for both vehicular and pedestrian traffic at grade rail crossings. These markings indicate the clearance needed for trains to safely pass.

By keeping vehicles outside of the dynamic envelopes, fewer vehicles will be stopped too close to or actually on the tracks, thereby reducing the danger to vehicles, occupants, train crews, passengers and bystanders.

The goal is to positively influence driver behavior and reduce the number of incidents and injuries sustained at rail crossings.

The project began in October 2020. All of the above locations should be completed in the spring 2021.