

RON DESANTIS GOVERNOR

605 Suwannee Street Tallahassee, FL 32399-0450 KEVIN J. THIBAULT, P.E. SECRETARY

## **ENGINEERING AND OPERATIONS MEMORANDUM 19-02**

DATE:

December 5, 2019

TO:

**FDOT Senior Leadership** 

FROM:

Will N. Watts Jr., P.E., Chief Engineer

COPIES:

Courtney Drummond, Tom Byron, Stacy Miller, L.K. Nandam, Greg Evans, Phillip Gainer, Gerry O'Reilly, Jared Perdue, Jim Wolfe, David Gwynn, Nicola Liquori, Directors of Production, Directors of Operations, Lora Hollingsworth, Tim Lattner, Scott Foltz, Trey Tillander, Dan Hurtado, Rudy Powell, Timothy Ruelke, Jason Watts, Irene Cabral, Stefanie

Maxwell, Torey Alston, and Beth Frady

SUBJECT: Rail Crossing Dynamic Envelope Implementation

The Florida Department of Transportation identifies safety as a top priority, with a vision of zero fatalities. On December 5, 2019, FDOT announced a commitment to implement engineering countermeasures on all existing department owned rail corridor crossings and rail crossings on department roadways.

Immediately, the agency will begin implementing "dynamic envelopes" at every existing railroad crossing on FDOT roadways together with all state-owned rail corridor crossings within the state. Total inventory is expected to be more than 4,000 locations.

Installation of the "dynamic envelope" for the entire inventory shall be completed before March 2022.

Towards this goal, each district will:

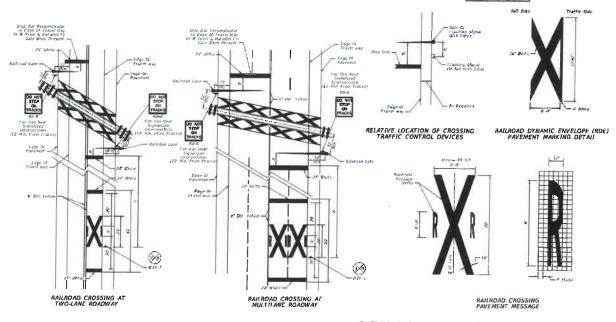
- Complete an inventory of all railroad crossings on the state highway system within the district
- Complete an inventory of FDOT owned rail corridors crossings within the district
- Use the details below as technical guidance for installations
- Develop an execution plan to complete installation of all "dynamic envelopes" prior to the deadline of March 2022

- NOTES:

  1. Place on establish Wild-1 slip where internations occur between the N/R parents wereing and the tracks.

  2. Place FRA-106 of FRA-6166 uses 180 in squares of creates for uses condition and 800 to advance at reason the following the following and the SA of the N/R of Tax sign editors.





RAILROAD GRADE CROSSING TRAFFIC CONTROL DEVICES 12/02/19

509-070 3 4