Elevating Rail Safety Through Partnership

2026 Highway-Rail Grade Crossing Safety Conference



Overview



What is the FRSC



Taking Action

Florida DOT In Action



Purpose



Established
2024

- The Florida Rail Safety Coalition (FRSC) was established as an initiative of the Florida Department of Transportation (FDOT) to improve public safety around rail operations throughout Florida.
- Recognizing the critical role of railroads in America's economy and communities, the Coalition **seeks to address safety challenges through collaboration** with diverse stakeholders.

Members/Partners































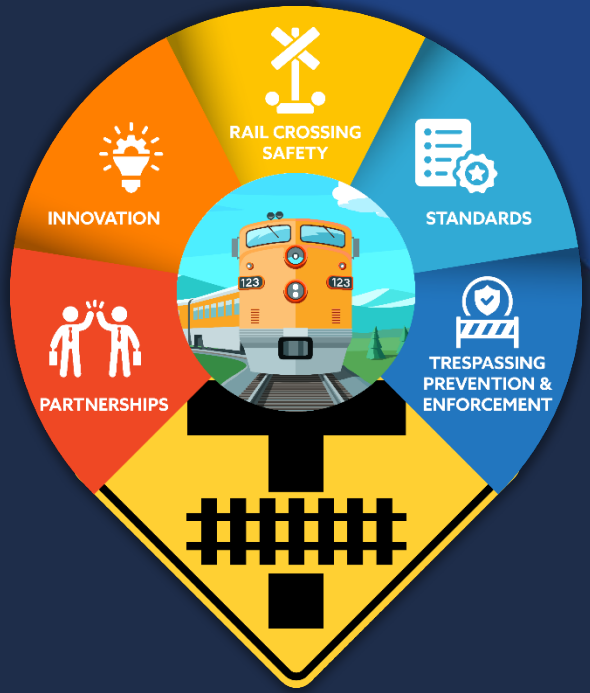




Vision & Focus Areas

FDOT's vision is to be THE national leader in rail safety by eliminating fatalities and injuries involving Florida's railroads. The five areas of focus are:

- Rail crossing safety
- Trespassing prevention and enforcement
- Standards
- Innovation
- Partnerships



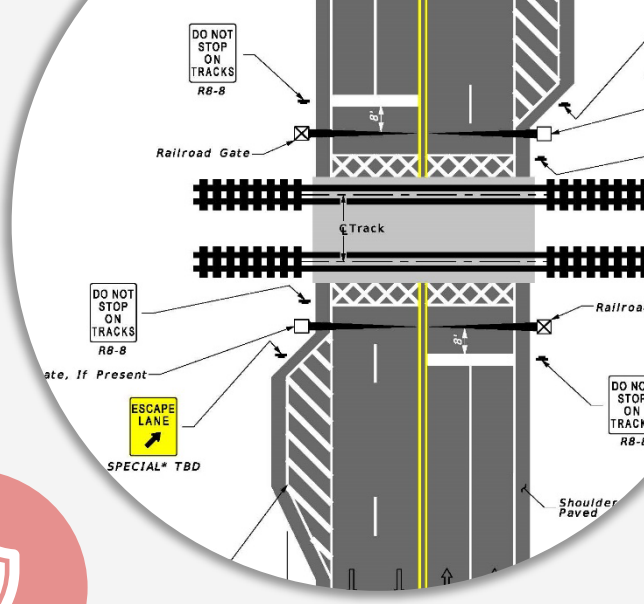
FDOT Taking Action



Accomplishments

FDOT DESIGN MANUAL

Transformed At-Grade Crossing Criteria



Established Fines Concerning Obedience to Traffic Control Devices at Railroad-Highway Grade Crossings

Updated FDOT Training & Strengthened Internal & External Rail Safety Outreach Collaboration

Testing Innovative Ideas & Countermeasures to Refine Best Practices for Florida

Rail Detection Pilot

Detect

- Train presence at each crossing
- Average speed, length, direction
- Movement type (through, shunting)

Notify

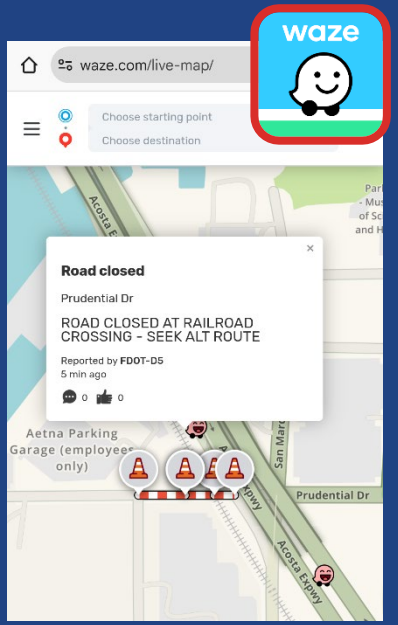
- RTMC
- EMS dispatch
- Drivers

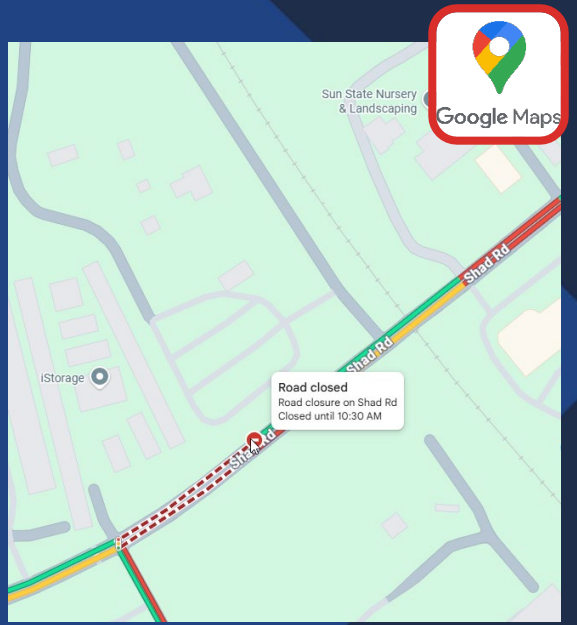
Analyze

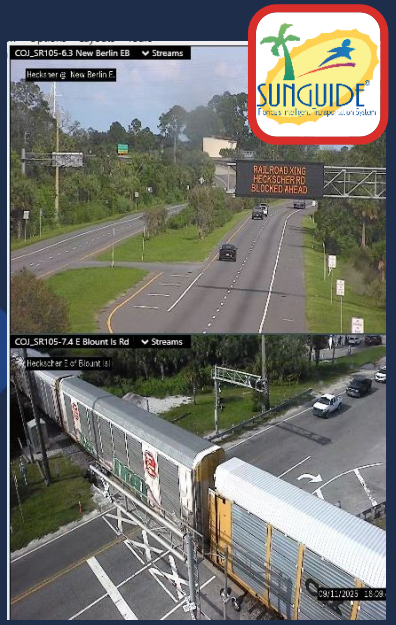
- Historical corridor measures
- Predict blockages, congestion, schedule, signal timing implications

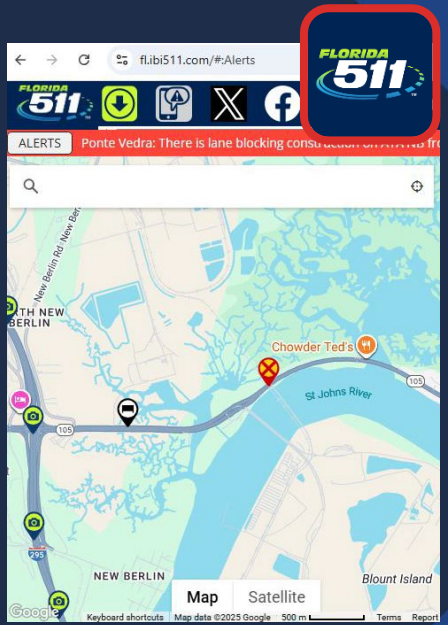


Rail Detection Pilot Integrations









Crossing Bungalow Wraps

- Emergency Notification System (ENS) signs are posted at all public crossings.
- Crossing bungalow wraps duplicate ENS sign information and increase it to the size of a billboard





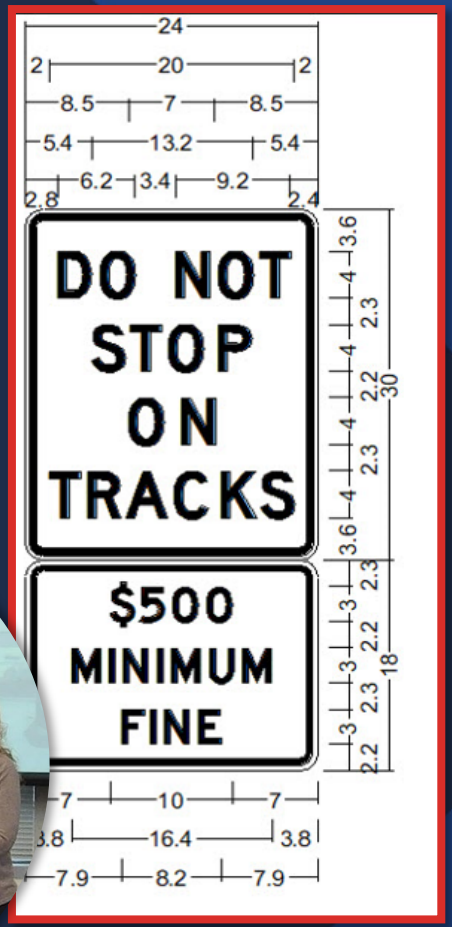
- Emer
  Syste
  poste
  cross
- Cross
  wrap
  sign
  incre
  a bill



Minimum Fine Signs

- Governed by Florida Statutes 316.1575 & 316.1576.
- First offense: $500 fine or 25 hours community service + 6 license points.
- Repeat offense: $1,000 fine + 6 license points.





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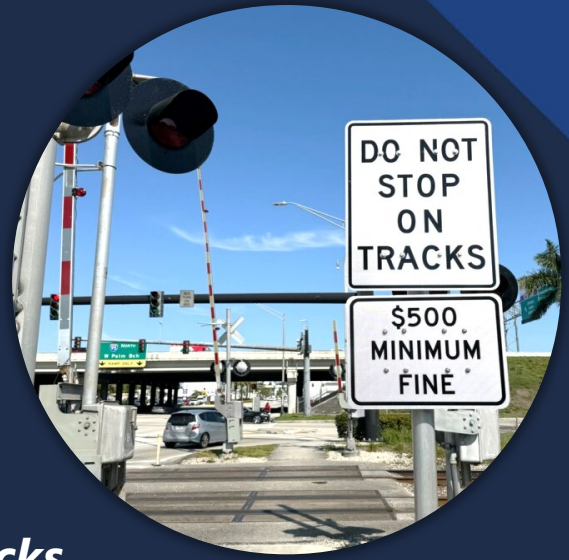
Minimum Fine Signs Results

Installed at two initial crossings in South Florida and studied for 3 days before and after installation



Hollywood Blvd

50% decrease

vehicles stopping on the tracks

Commercial Blvd

23.8% decrease

vehicles stopping on the tracks

Minin

Installed at two
crossings in Sou
Florida and stud
for 3 days befor
after installation





Commercial Blvd

23.8% dec

vehicles stopping



YOU CAN STOP

TRACK TRAGEDIES.





#RED OUT FOR RAIL SAFETY

STOP TRACK TRAGEDIES

#RAILSAFETYWEEK





Thank You!

Kelli Phillips
Rail Safety and Operations Administrator

Jordan Eady
Rail Administration Manager