

## Brightline Overview

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December 15, 2022

*brightline*





# Boca Raton & Aventura: Coming December 21

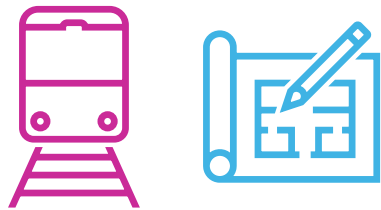


## Brightline: Safety is our top priority

- Trespassing and motor vehicle incidents on active railroad tracks is a nationwide problem
- Broward and Palm Beach Counties are in the top 10 counties for railroad fatalities
- The Federal Railroad Administration (FRA) governs the operations of FEC Railway and Brightline
- More than \$100 million has been invested in upgrading the Brightline/ FEC Railway
- Brightline continues to evaluate and research innovative and compliant ways to enhance safety and reduce incidents
- BUT... we cannot do it alone. Safety is a community effort.

# Safety & Security

## Engineering



CRISI/RAISE

FECR Coordination

Channelization

Safety Signage

## Enforcement



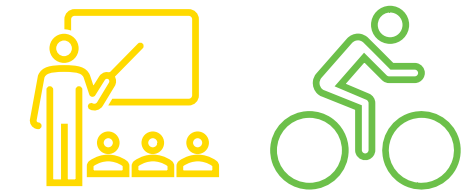
FRA Grants

Directed Patrols

LEO Training

Security Managers

## Education



First Responders

Community  
Engagement

Tri-Lingual PSAs

# Engineering

- 2017 CRISI Grant
  - Total investment: \$5.4m
  - \$2.3m award by federal government; \$1.4m BL investment, \$564,000 Palm Beach TPA investment and \$1.12m local partner investment
  - 48 grade crossings in tri-county area upgrades; 14 crossings in Palm Beach County
  - Scope: Center-line delineators, channelization devices, exit gates, active message signs, and lane edge markings
  - Expected completion January 2023
- 2021 Channelization Pilot Project
  - Total investment: \$1m funded by Brightline
  - Scope: 10 miles in southern Palm Beach County received installation of fencing and landscaping to deter trespassers, including installation of 3,000 native trees and shrubs

# Engineering

- 2022 RAISE Grant
  - Total investment: \$45m
  - \$25m award by federal government; \$10m FDOT and \$10m Brightline investment
  - Scope: Improvements to 328 roadway-railroad grade crossings and installing 33 miles of pedestrian protection channelization features in seven counties. Improvements include: Rail dynamic envelopes, delineators, raised pavement markers and edge striping, fencing and/or landscaping and signage
  - Expected start date 2023
- 2022 CRISI Grant Application (*recent submittal*)
  - Total investment: \$2.06m
  - \$1.648m request from FRA; \$206,000 Brightline investment and \$206,000 Wi-Tronix investment
  - Scope: Provide real-time computer-driven analysis and data aggregation of trespass activity along the rail corridor; locations of events will be compiled into heat maps of trespassing and potential collision events







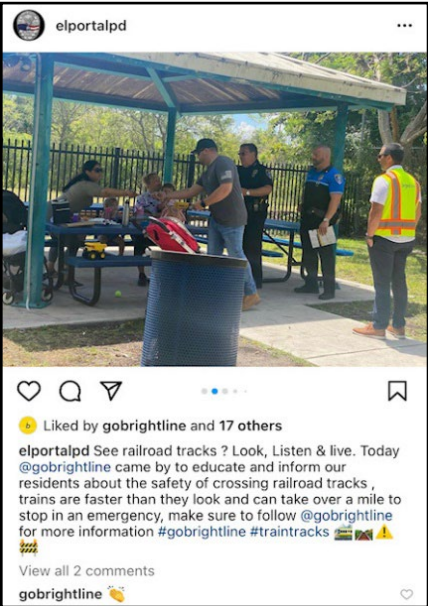
# Enforcement

- FRA grants
- Ongoing partnerships with all law enforcement organizations (LEO)
- Rail Safety Week 2022 – launched first ever tri-county enforcement effort
  - Issued 2,100+ citations
- Palm Beach Sheriff's Office
  - Initial push in Lake Worth Beach after series of incidents
  - Continued enforcement
- Broward Sheriff's Office
  - Launched "Operation Crossing Guard" in June
  - 2-week enforcement effort in partnership with city PDs in Broward County
  - Issued more than 2,000 citations, 500 were rail-related





# Enforcement: Outreach and Education



   Train safety saves lives

 STOP

LOOK

LISTEN

Be patient and NEVER go around the safety arms!

#brightline #trainsafety  
#trainawareness #BeSafeOutThere

 Hallandale Beach PD  
twitter.com



Aventura Police @aventurapolice

#AventuraPolice will be at the intersection of Biscayne Blvd and NE 186th Street on Thursday, April 28th from 2 – 4 pm to help enforce and promote train crossing safety.  
#CityofAventura #Brightline @cityofaventura @GoBrightline

**SEE TRACKS?**

**THINK TRAIN!**

KNOW THE SIGNS AND SIGNALS



# Enforcement: Red Light Camera Projects



## RLC Data Leveraged to Further Engage Police

- 7100+ warnings issued since the launch in December 2021
- 6 cameras deployed through South Florida
- Sharing data with local PDs led to several departments deploying decoy vehicles, messaging boards, and safety patrols

This program has been initiated to increase roadway safety and to reduce accidents, injuries and fatalities.

**WARNING NOTICE OF RAILROAD CROSSING VIOLATION**

Automated Enforcement Division  
PO Box 593095  
Orlando, FL 32839-3095

Plate Number: LZ [REDACTED]  
Password: H7 [REDACTED]  
View your violation at  
[www.ZeroFatality.com](http://www.ZeroFatality.com)

**Florida East Coast RAILWAY**

1025  
ROBERT  
GOLDEN BEACH, FL

**THIS IS NOT A NOTICE OF VIOLATION. YOU ARE NOT REQUIRED TO PAY A PENALTY, GO TO COURT OR RESPOND IN ANY WAY. In the future, please exercise caution when approaching an active railroad**

Your vehicle was recorded traveling through the active rail crossing at:

Location: 141st Street Railroad Crossing  
Date: 11/30/2021 Time: 08:06:48  
Plate Number: [REDACTED] Vehicle Make: AUDI  
Red Time: 16.5

This warning letter is part of an educational effort led by Brightline Trains LLC, Florida East Coast Railway Police, and NovoaGlobal to advise you of a serious potential safety issue. The pictures on this notice taken by our railroad crossing security camera show a vehicle registered to you that appears to have violated F.S. 316.1575

Two small photographs showing a car at a railroad crossing. The top photo shows a red car stopped at the crossing with red lights. The bottom photo shows a red car stopped at the crossing with red lights.



# Education

- 2021 and 2022 Operation Lifesaver Grants
- BuzzBoxx – more than 75 activations throughout South Florida
- 211 partnerships
- Waze app – railroad crossing integration
- New Brightline safety website launched
- PSA campaign to launch in early 2023
- Tri-lingual rail safety materials
- Partnerships with school districts
- Media interviews and campaigns
- Partner initiatives – City of West Palm Beach





## How can YOU help?

- Prioritize safety and change the way people think about behavior near railroad tracks
- Support Brightline grant applications OR work with us on city or county specific ones
- Engage with FRA Office of Research on innovative ideas/approaches
- Share safety materials and work with local law enforcement on outreach and education
- Make improvements to public roadways
  - Dynamic envelopes
  - Delineators
  - Medians
- Review crossings to determine potential for grade crossing separation or closure



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