



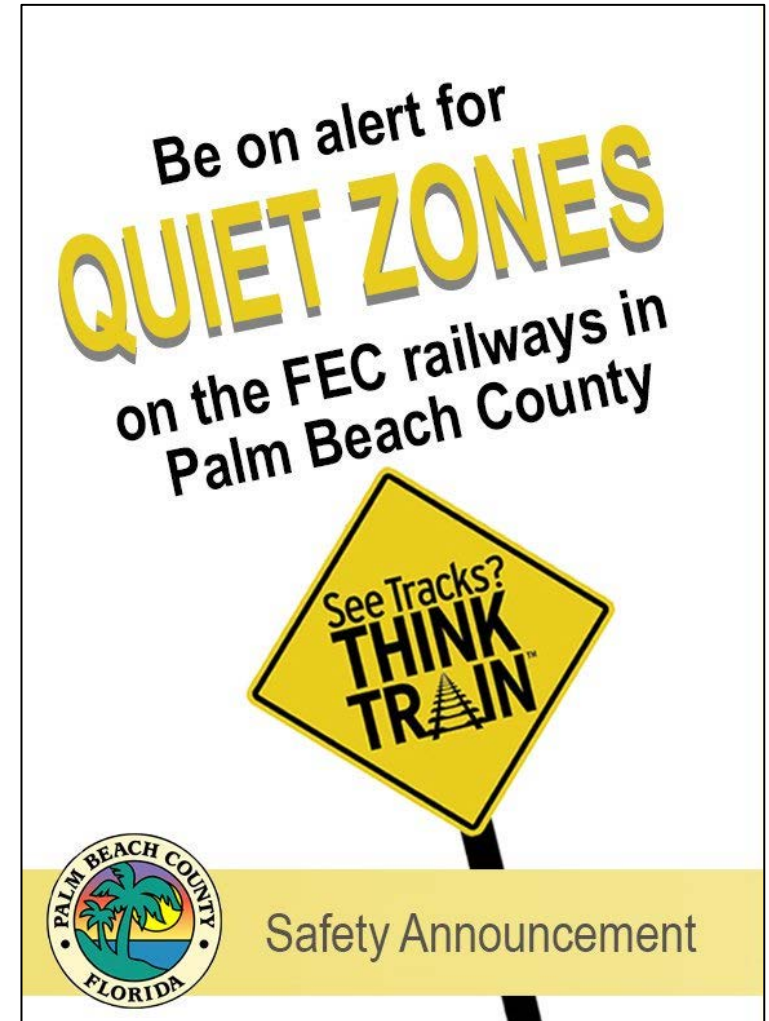
# FEC Corridor Quiet Zone Update

April 2021

# What is a Quiet Zone?

“When Railroads have been directed to cease the routine sounding of their horns when approaching public highway-rail grade crossings.”

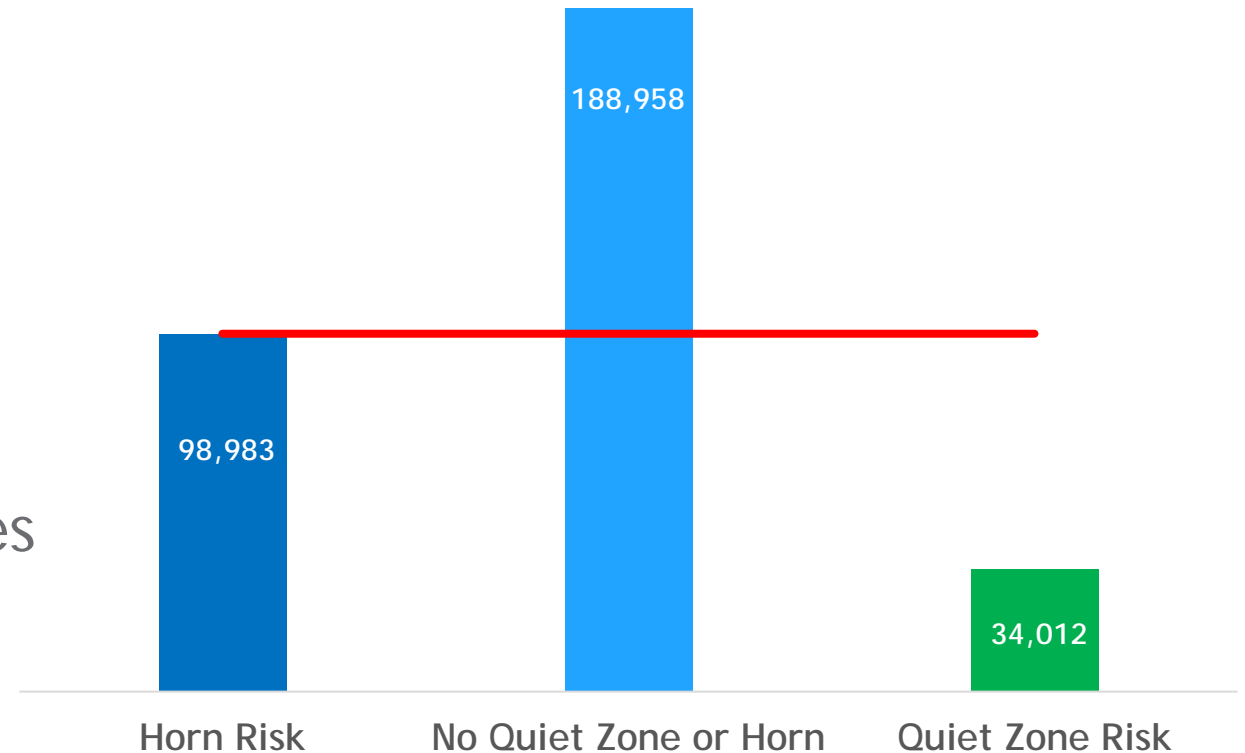
~*Federal Rail Authority*



# The Purpose of a Quiet Zone

- Add Safety Measures
  - Exit Gates
  - Medians
- Reduce Risk of Incident
  - ~50% for Horn Blowing
  - 80% for Roadway Medians
  - 82% for Quadrant Gates
  - 81% for Alternative Safety Measures
- Create quieter environment for residents near the corridor.

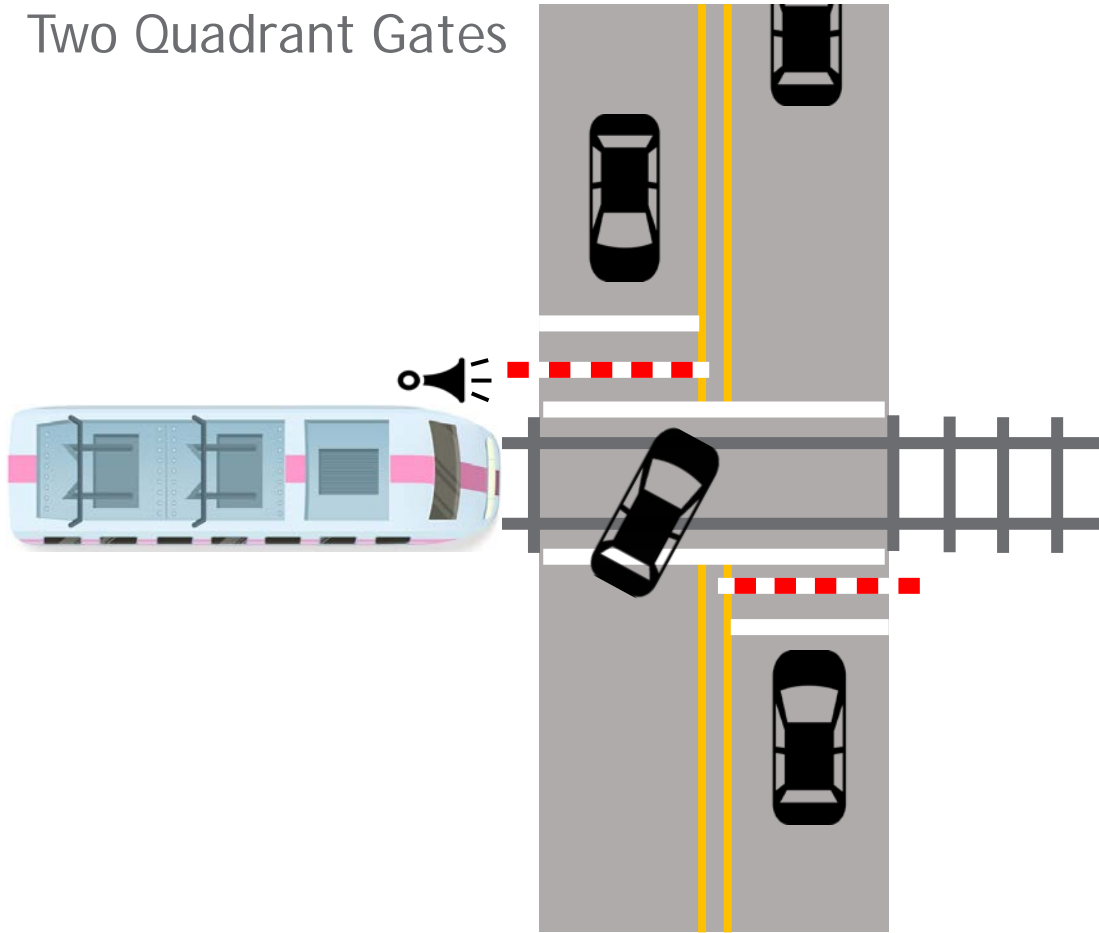
## Quiet Zone Risk Reduction



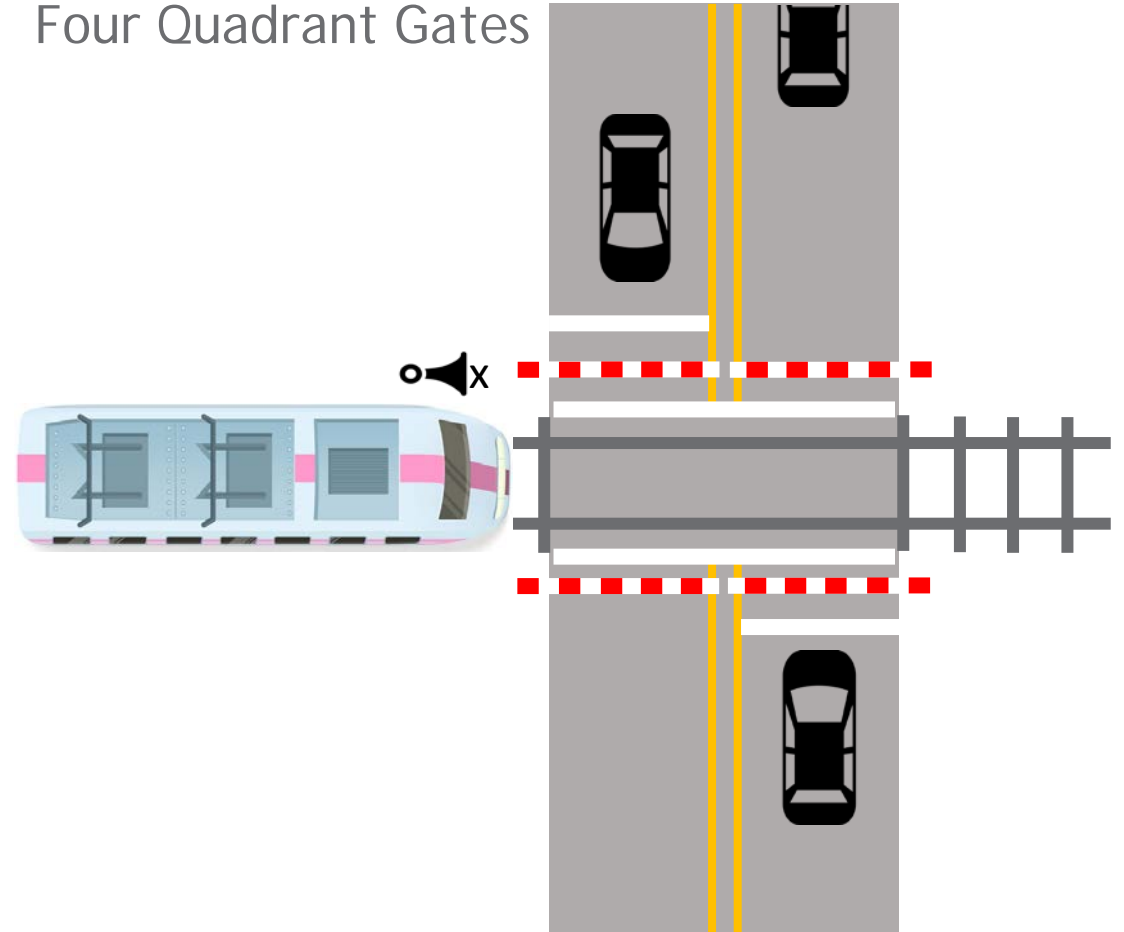
Source: Risk Index for FEC Crossing at Indiantown Rd, Jupiter

# Example of a Quiet Zone Crossing

Two Quadrant Gates



Four Quadrant Gates



# Pedestrian Safety at Crossing

## Additional Infrastructure

- Sidewalks
- ADA Tactile Plates
- Pedestrian Crossing Gates
- Flashing Lights
- Signage on Sidewalks

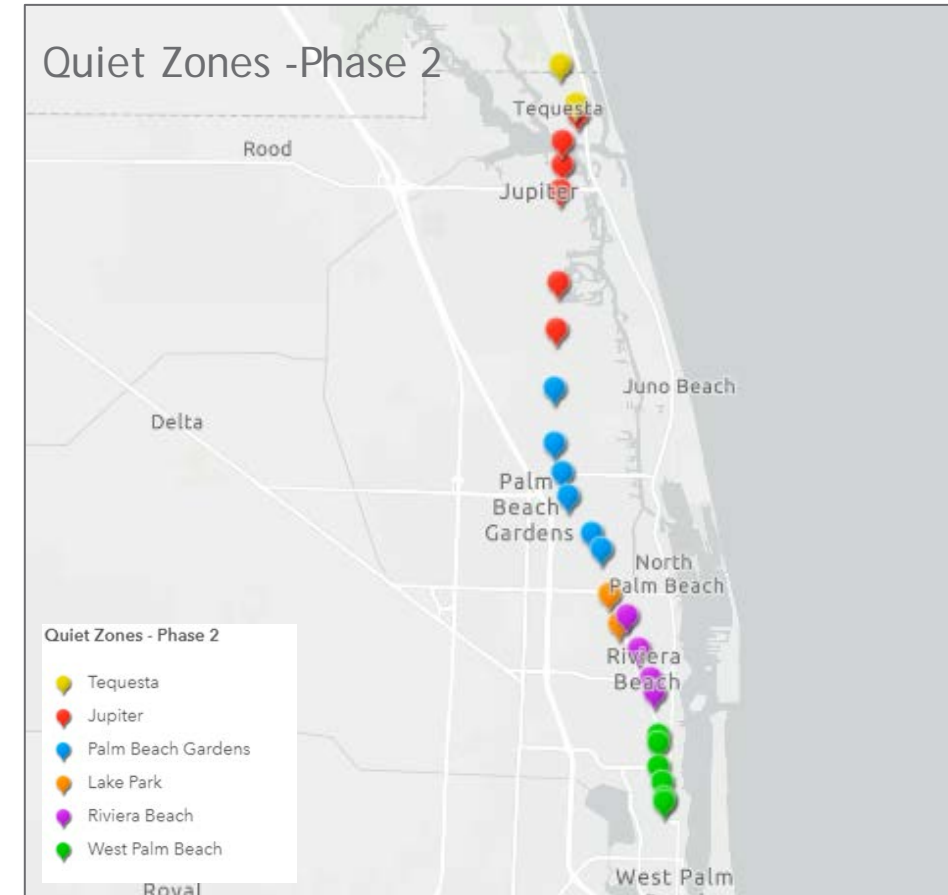


Image: FEC Crossing at Fern St. West Palm Beach

# Quiet Zones - Brightline Phase 2

Establish Quiet Zones on FEC Corridor:

- Tequesta
- Jupiter
- Palm Beach Gardens
- Lake Park
- Riviera Beach
- West Palm Beach (23rd Street north)



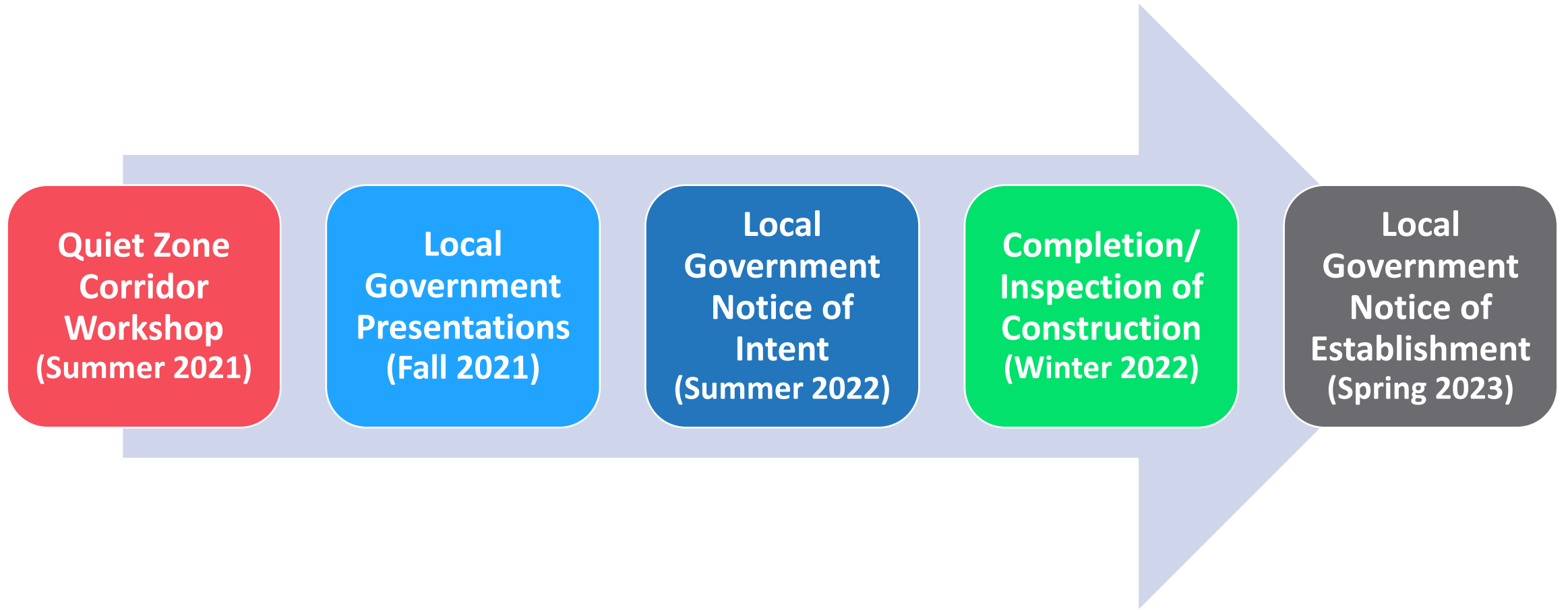
# Progress To-Date

- Confirmed subject crossings for Quiet Zones
- Engineered Safety Measures for each crossing
- Analyzed risk reduction to establish Quiet Zones
- Allocated funding for the safety upgrades
  - TPA was a funding partner
- Initiated Construction & FRA Coordination



Image source: [www.palmbeachpost.com](http://www.palmbeachpost.com)

# 2021-2022 Quiet Zone Timeline





# Updates on Quiet Zones

- General Rail Information:
  - [palmbeachtpa.org/rail](http://palmbeachtpa.org/rail)
- Brightline Construction Activity:
  - [gobrightline.com/railroad-construction](http://gobrightline.com/railroad-construction)
- Quiet Zone Coordination (Kim DeLaney, TCRPC)
  - [Kdelaney@tcrpc.org](mailto:Kdelaney@tcrpc.org)

Thank you!

