



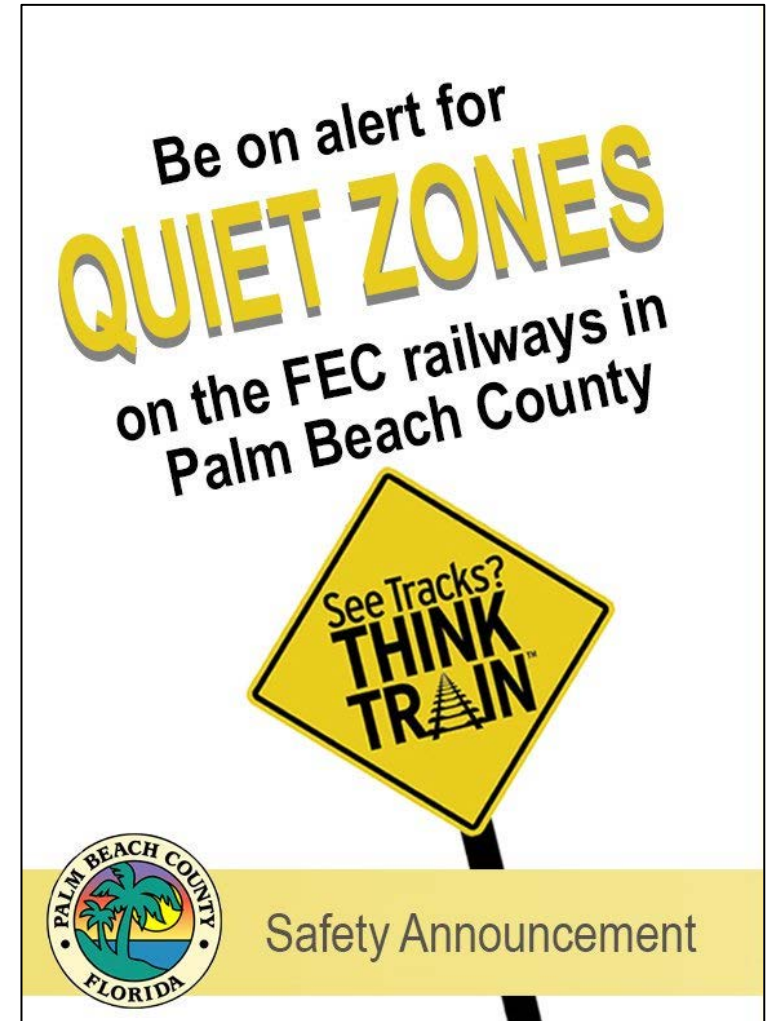
FEC Corridor Quiet Zone Update

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.”

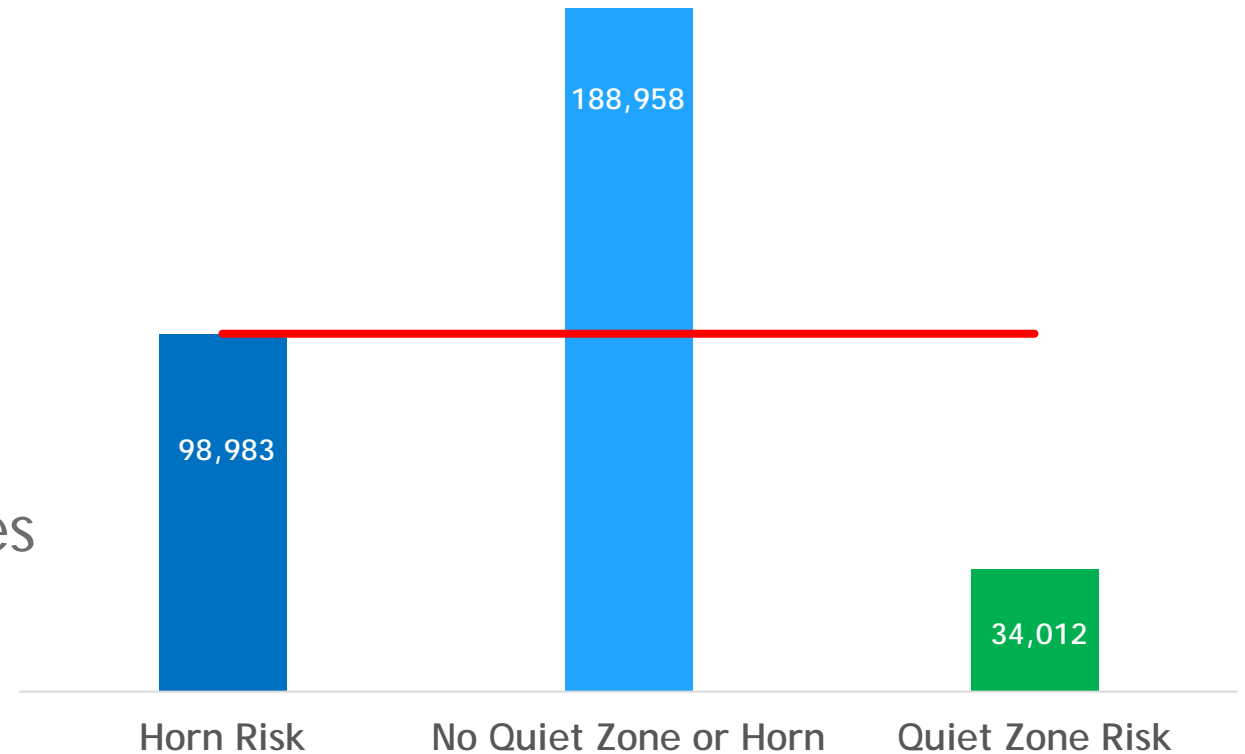
~*Federal Rail Authority*



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.

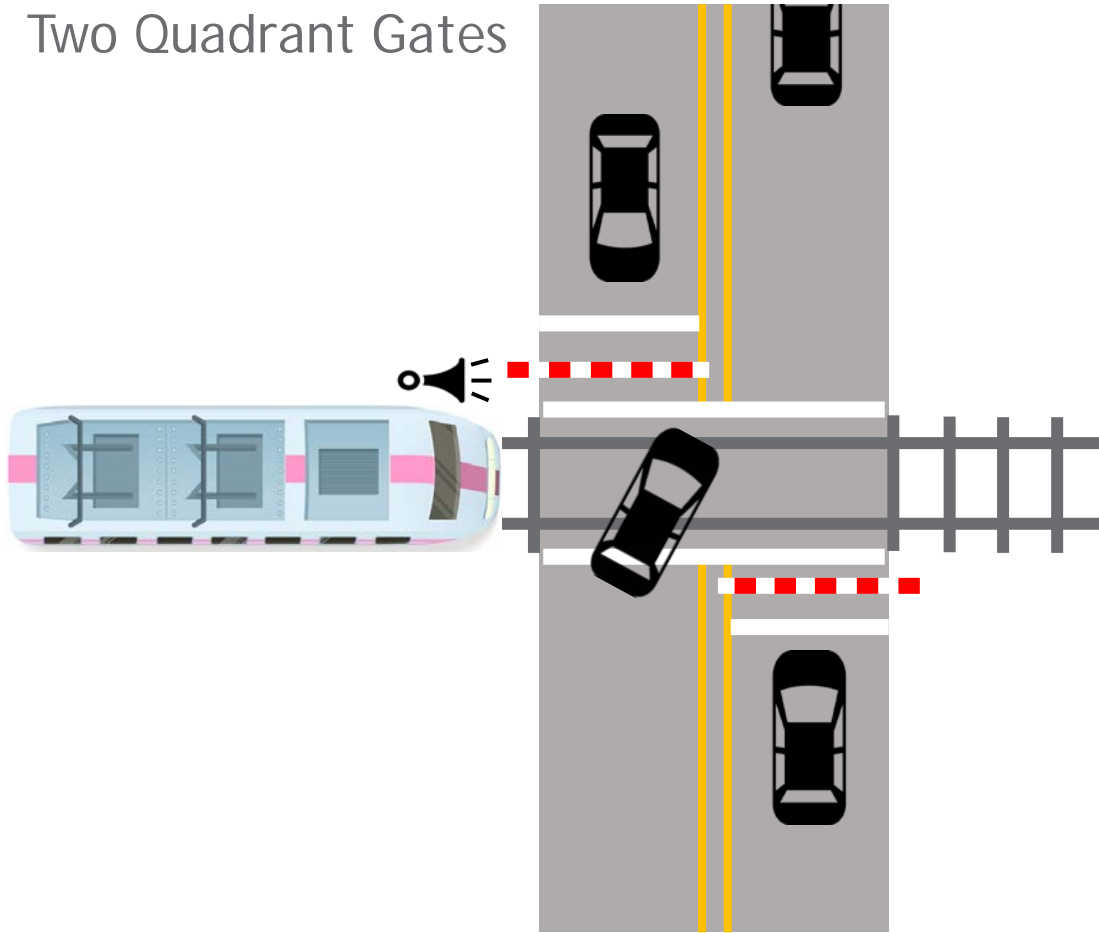
Quiet Zone Risk Reduction



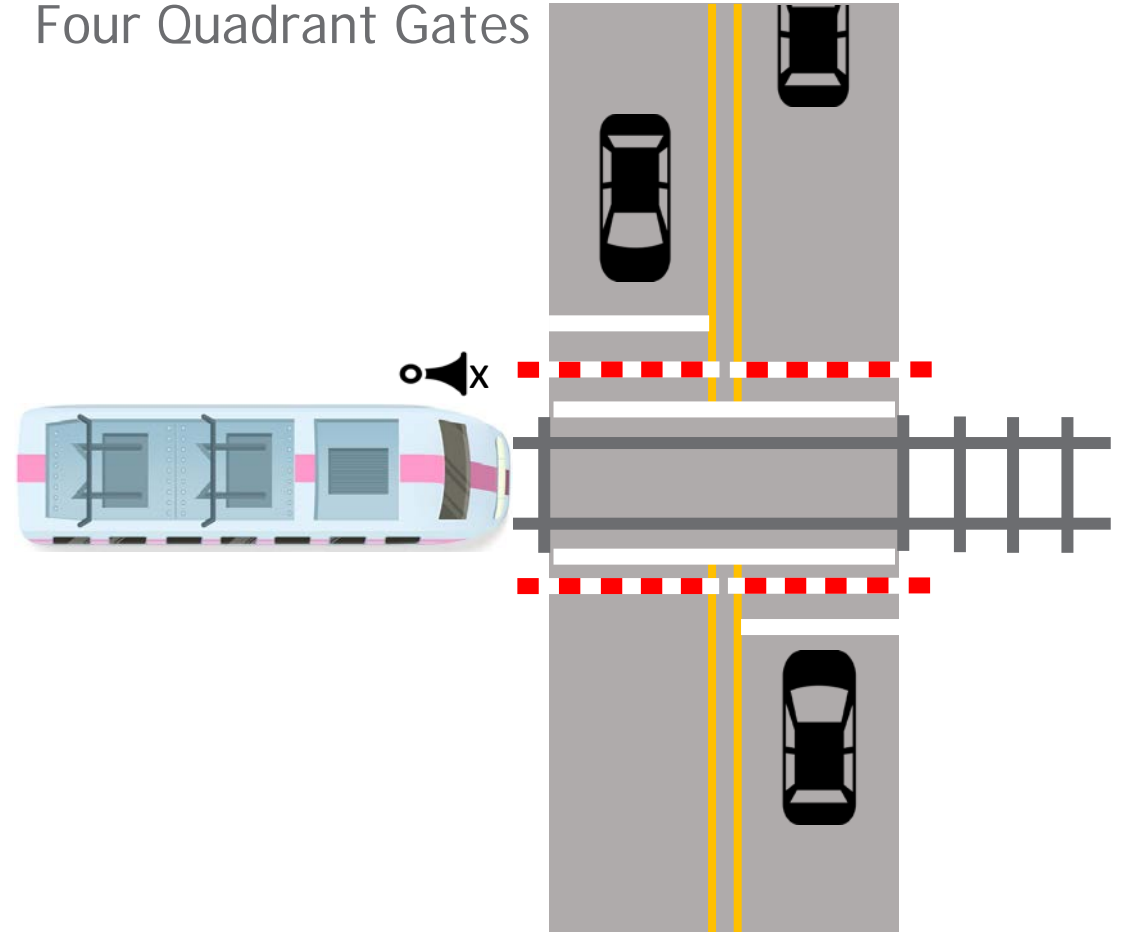
Source: Risk Index for FEC Crossing at Indiantown Rd, Jupiter

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

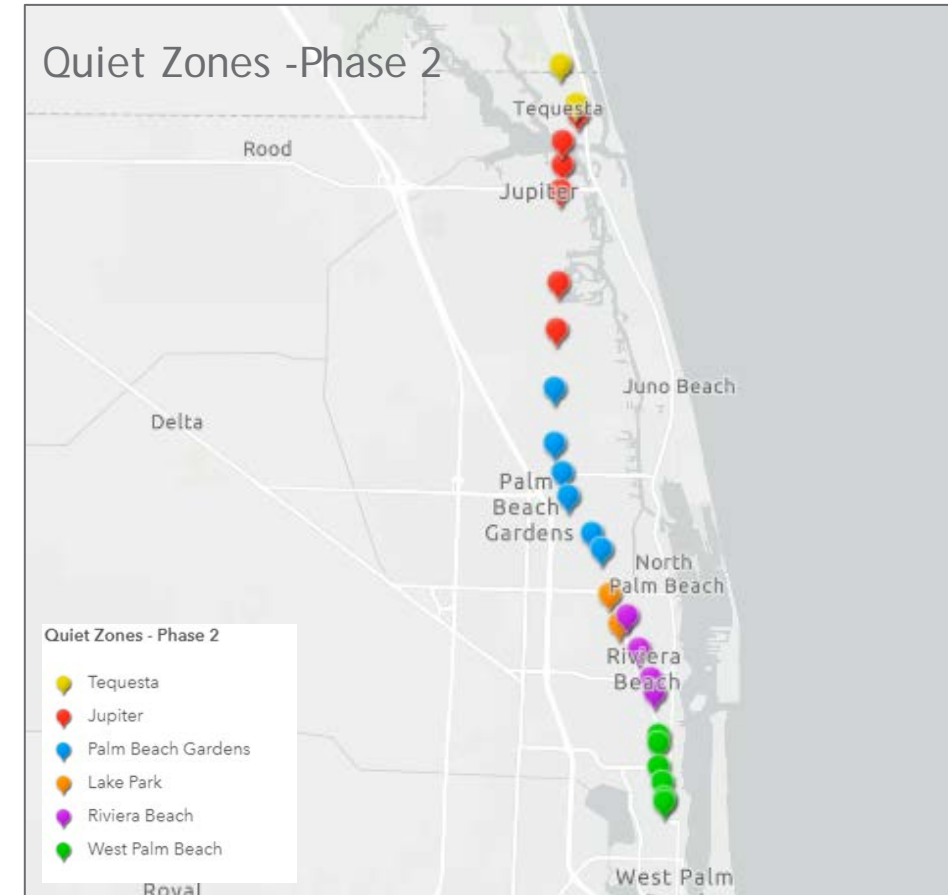


Image: FEC Crossing at Fern St. West Palm Beach

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)



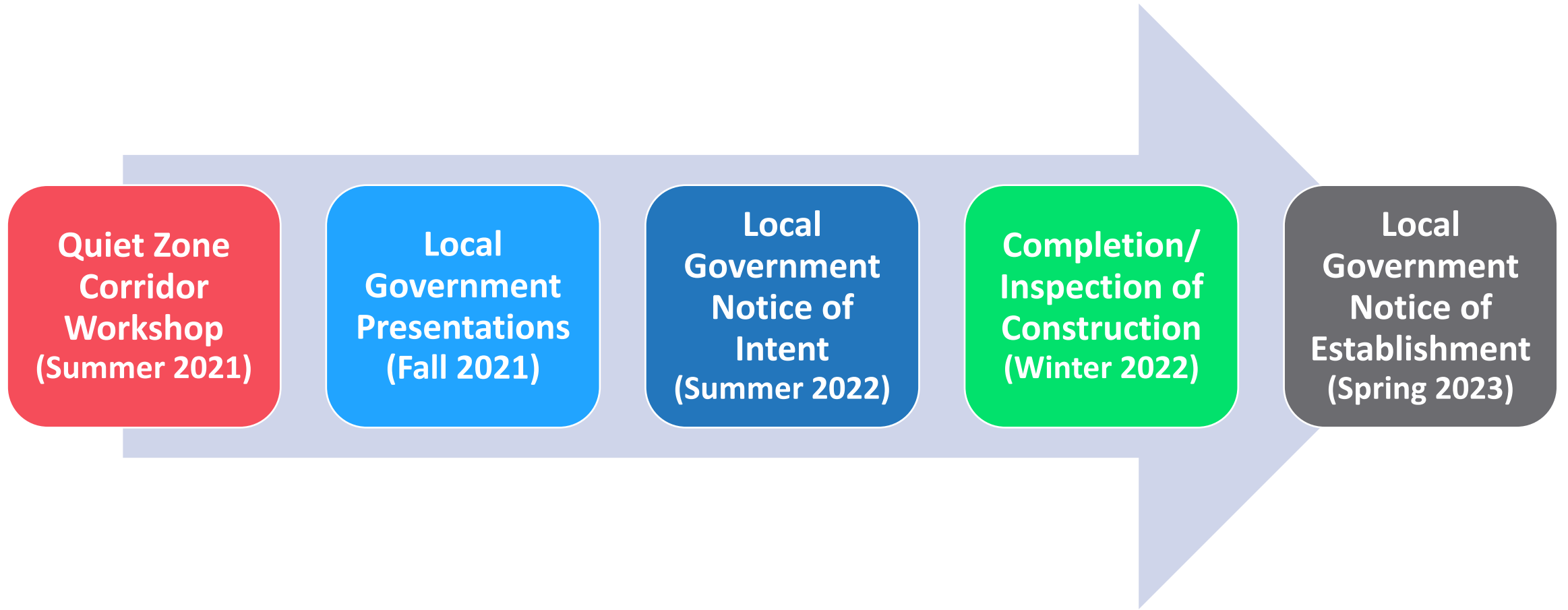
Progress To-Date

- 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

2021-2022 Quiet Zone Timeline



Updates on Quiet Zones

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

Thank you!

