

Town of Jupiter

Council Workshop

June 1, 2015



Agenda

- Rail Infrastructure Overview
- Review of crossings
- Review of bridges
- Q&A

Rail Infrastructure Overview

- Planned Improvements
 - Second track
 - Upgrade of existing track
 - Crossing improvements
 - Bridge improvements
- Town of Jupiter
 - 5 route miles of track in Jupiter
 - 6 grade crossings

Rail Infrastructure Overview

- Schedule
 - 90% design plans provided for comment to:
 - Jupiter
 - Tequesta
 - Palm Beach Gardens
 - Lake Park
 - Riviera Beach
 - West Palm Beach
 - Palm Beach County
 - FDOT District 4
 - FDOT Central Office
 - Final plans expected June 2015
 - Construction anticipated start late Summer

Sealed Corridor

- Guideline from Federal Railroad Administration
- Applies to grade crossings where train speeds are 79mph to 110mph
- Recommended features are:
 - Exit gates
 - Traffic separators
 - Grade separation
 - Roadway closure
 - Conversion to one-way street

Sealed Corridor

- Jupiter & Tequesta
 - 5 Crossings to be enhanced
 - Proposed features are:
 - Traffic separators or medians
 - Pre-emption

Quiet Zone

- Defined by the Train Horn Rule, 49 CFR Part 222
- Only local authorities with jurisdiction over the roadway can apply (not railroads)
- Train does not use horn under normal operations
- Similar features to Sealed Corridor

Crossing Exhibits

- Medians
 - County Line Road
- Medians & Traffic Signal Pre-emption
 - Indiantown Road/SR 706
 - Tonney Penna Drive
 - Frederick Small Road
 - Donald Ross Road (EXHIBIT)

Grade Crossing Simulation

Bridge Improvements

- Jupiter Bridge
 - Maintenance and upgrades on the:
 - Structural components
 - Electrical components
 - Mechanical components
 - Improvements to bridge aesthetics

Bridge Improvements

Jupiter
Bridge



Q&A

Quiet Zone

