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)
Crossing Exhibits

DONALD ROSS ROAD JUPITER
PROPOSED IMPROVEMENTS

LEGEND
- PROPOSED RAILROAD GATES AND SIGNAL SYSTEM
- EXISTING RAILROAD GATES TO BE REMOVED
- PROPOSED RAILROAD GATES TO BE REMOVED

06/01/2015
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
Quiet Zone