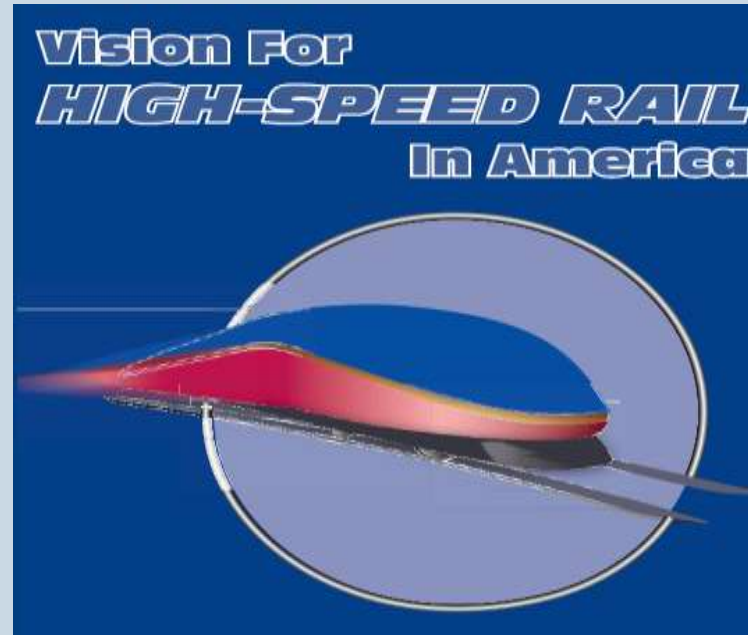




# FLORIDA HIGH SPEED RAIL UPDATE FOR APTA-UIC



*Presented by: Adrian Share, P.E.  
Senior VP- Wilbur Smith Associates  
General Consultant (with HNTB) for  
Florida Department of Transportation*

*February, 2010*



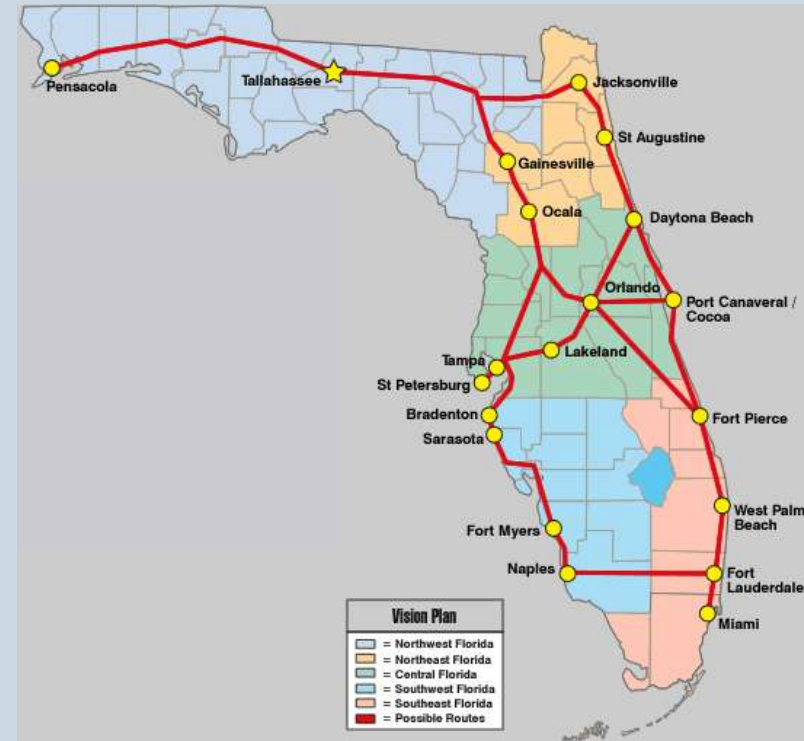
# AGENDA

- **Background on the Florida HSR Program**
- **Federal Railroad Administration Approval**
- **Phase I Tampa-Orlando**
- **Path forward**



# History of Planning for HSR

- Cross Florida Transit Study – 1974
- Florida High Speed Rail Study – 1982
- Florida HSR Commission 1984 to 1991
- Florida DOT/FOX Project 1995 to 1999
- Florida DOT Coast to Coast Study 2000
- Florida HSR Authority 2001-2004
  
- 2009 American Recovery and Reinvestment Act (ARRA)/*Vision for High Speed Rail in America*



2001 Florida HSR Vision Plan



# Attributes for HSR in Florida

- **Geography**
  - Limited room for additional highways
  - Flat terrain
  - Ideal distances between population centers for HSR
- **Demographics**
  - Millions of visitors, many ride trains at home
  - Population growth – 4<sup>th</sup> largest, headed to third in US
  - Aging population
- **Growth Management & Environmental Preservation**
  - Transportation & Economic Development
  - Green initiatives/reduce dependence on oil
  - Future relief of highway and regional air travel



# Tampa-Orlando-Miami Corridor





# FRA Approval

- **President and VP delivered good news in Tampa**
- **Florida one of top three recipients in the nation**
- **High Speed Rail Express Track 2 Application approved:**

## **TAMPA-ORLANDO-MIAMI CORRIDOR**

- **\$1.25 Billion Grant for Phase 1 Tampa-Orlando**
- **Opportunity to be first “HSR Express” system in nation with speeds >150 mph**

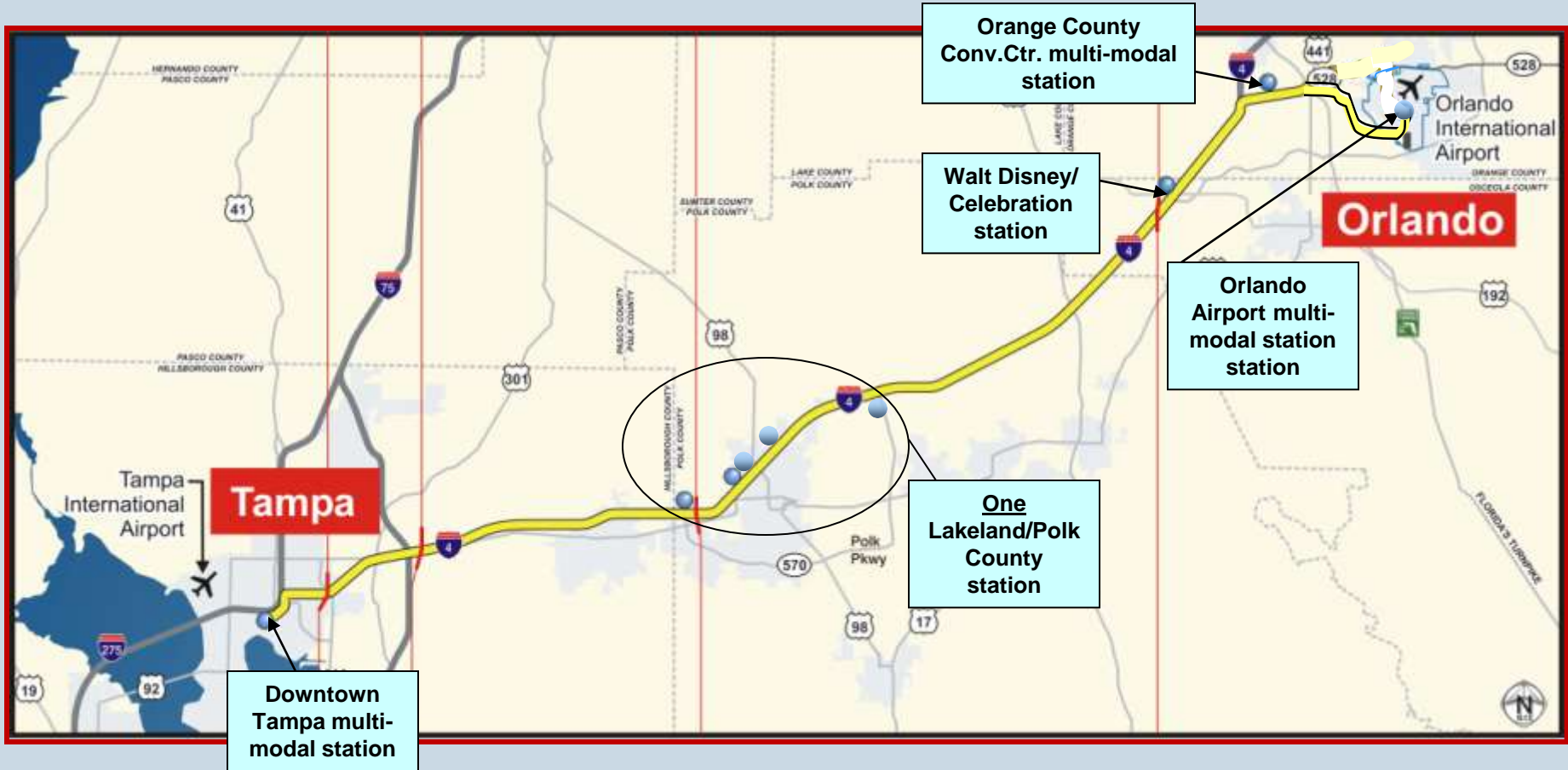


# Why this corridor was a winner

- **FDOT's vision in preserving Right of Way**
- **FEIS/NEPA completion**
- **Under construction in very short time frame**
- **Thousands of jobs created**
- **Most affordable implementation in US of a new HSR system**
- **Political support of Governor and Legislature – passage of Florida Rail Act in Dec '09**
- **Grass Roots support**



# Phase I – Tampa to Orlando





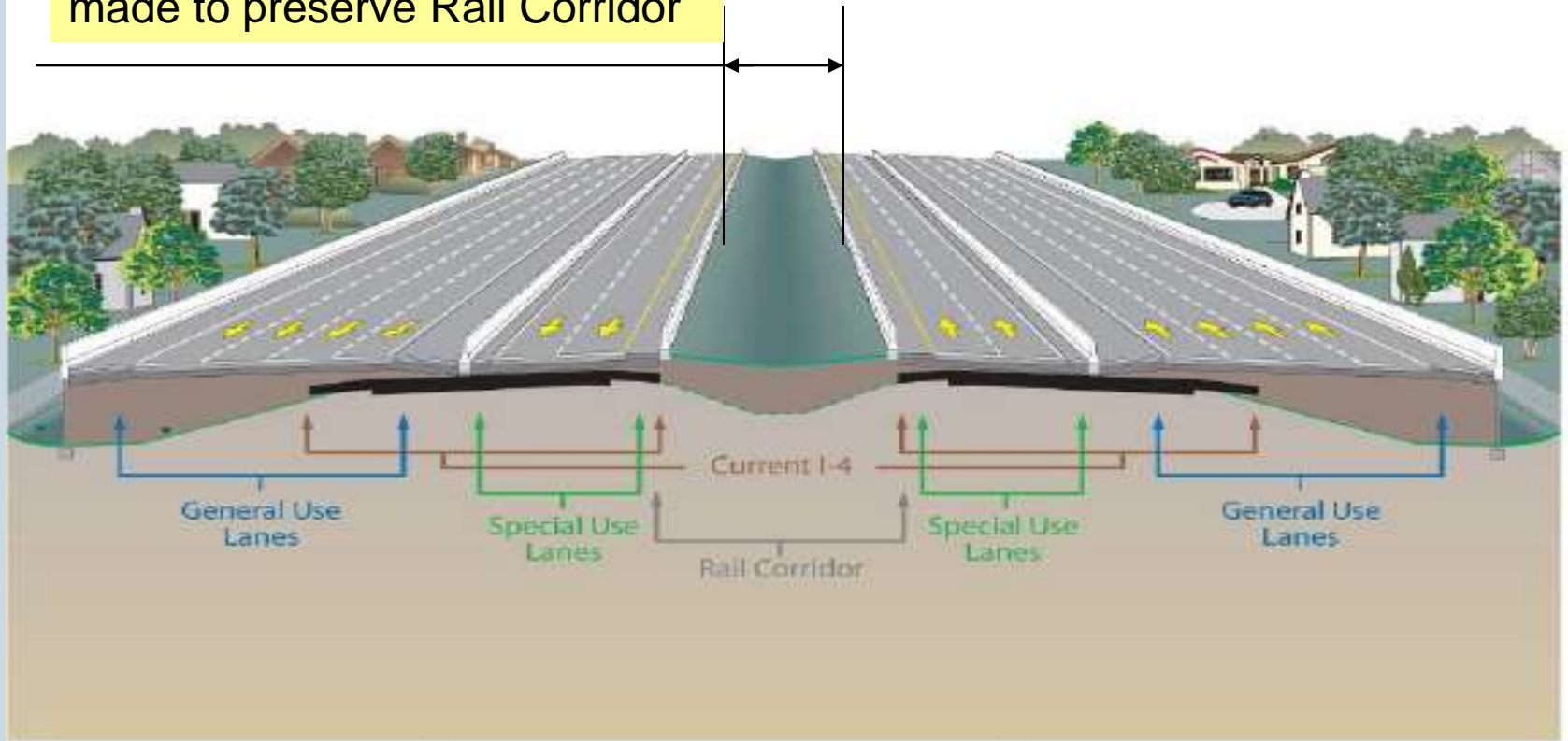


# Phase I – Tampa to Orlando

I-4 OF THE FUTURE

TRANSFORMATION

Major Investments have been made to preserve Rail Corridor



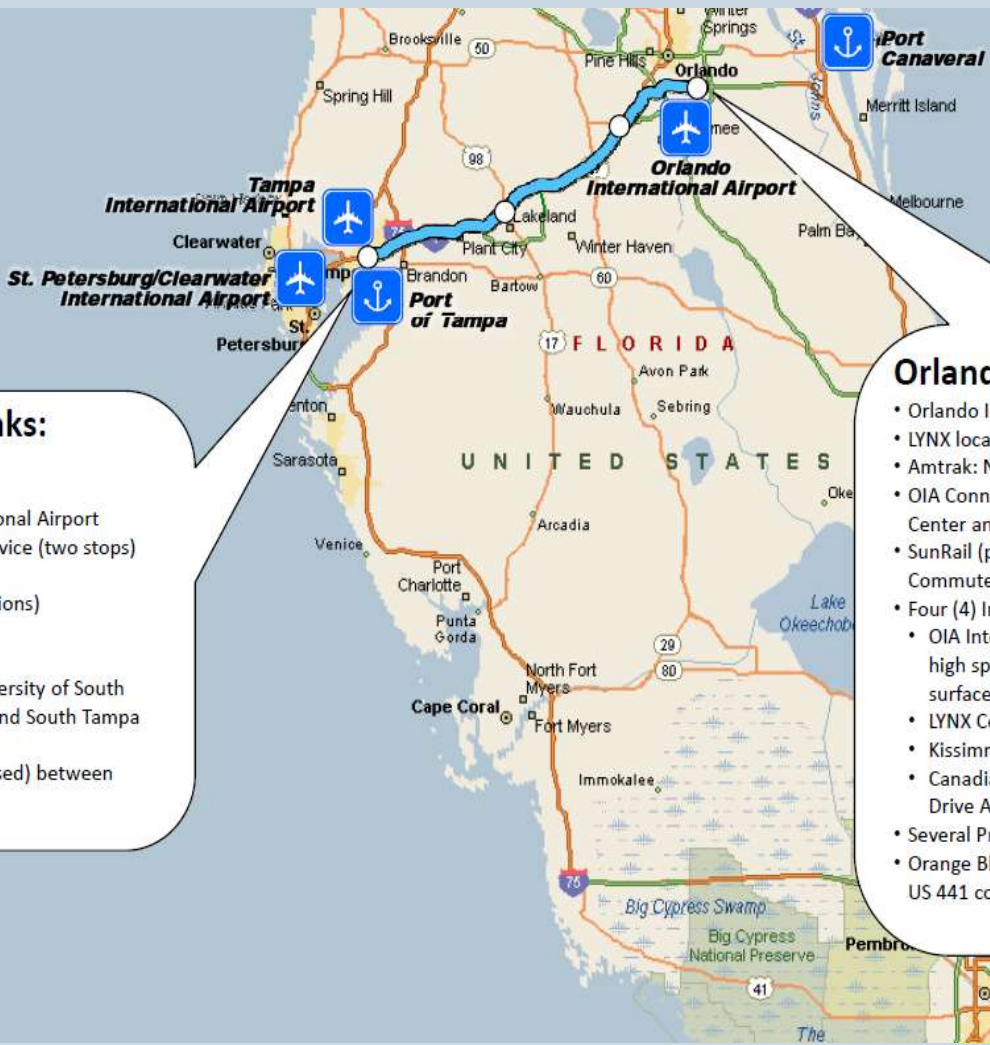


# Phase I Tampa to Orlando

- **Approximately hourly service from Tampa to Orlando**
- **Additional frequency between Orlando Airport and attractions**
- **Trip time of 64 minutes Orlando Airport to Downtown Tampa (compared to 96 min by auto at 2015 Peak Hour)**
- **Maximum Speed 168 MPH**
- **Approximately 2 million passengers/year forecast**



# Current & Planned Intermodal Links



## Tampa Intermodal Links:

- Marion Transit Center (HSR Station)
- Tampa International Airport (TIA)
- St. Petersburg/Clearwater International Airport
- Amtrak: National Rail Passenger Service (two stops)
- HART local bus service
- TECO Line Streetcar System (10 Stations)
- HART In-Town Trolley
- Tampa Light Rail (proposed)
- Tampa Light Rail (proposed) to University of South Florida, New Tampa, TIA, Brandon and South Tampa
- Nebraska Avenue BRT (proposed)
- Regional Transit Connection (proposed) between Pinellas and Hillsborough County

## Orlando Intermodal Links:

- Orlando International Airport (OIA) (HSR Station)
- LYNX local bus service
- Amtrak: National Rail Passenger Service (three stops)
- OIA Connector Light Rail (proposed) to Convention Center and Tourism Corridor and through OIA
- SunRail (proposed) – North-South Regional Commuter Rail serving four (4) counties
- Four (4) Intermodal Centers:
  - OIA Intermodal Center (proposed) connections to high speed rail, light rail, local buses, and other surface transportation. (HSR Station)
  - LYNX Central Station
  - Kissimmee Intermodal Center
  - Canadian Court Intermodal Center – International Drive Area Intermodal Station (HSR Station)
- Several Proposed Local Circulators
- Orange Blossom Express Commuter Rail (proposed) US 441 corridor from downtown Orlando to Tavares



# ORGANIZATIONAL

- **Steps taken to move program forward**
  - **Florida Rail Enterprise**
    - Created through the Florida Rail Act
    - Interim Executive Director: Kevin Thibault
    - Chief Operating Officer: Nazih Haddad
  - **Consultant Team**
    - Legal advisor on board
    - Financial advisor on board
    - Program Manager under procurement



# PATH FORWARD

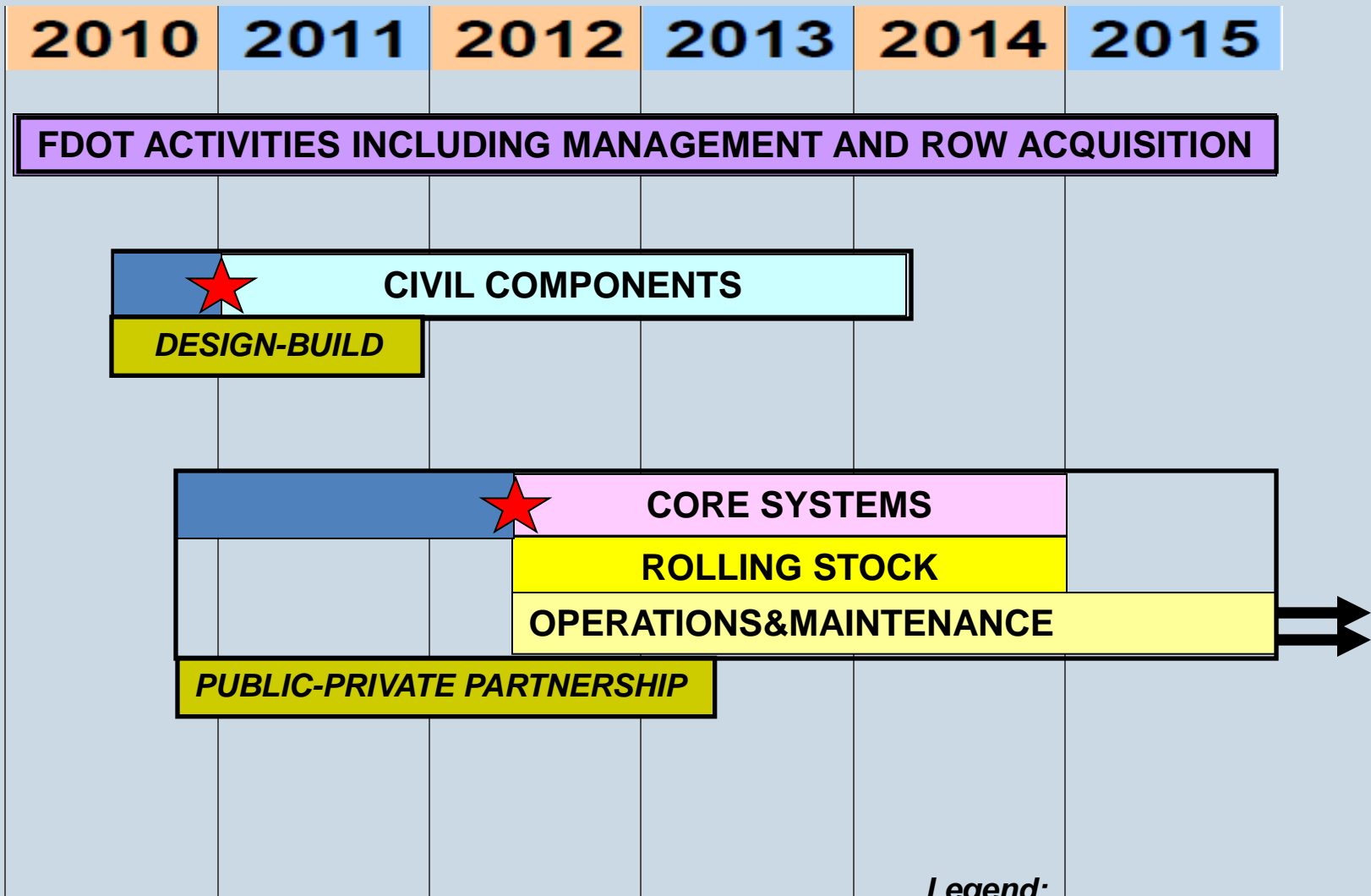
- **Phase I Tampa - Orlando**
  - Discussions ongoing with FRA
  - Anticipate milestone-based Agreement
  - Implementation plan in application (under review)
- **Phase II Orlando-Miami**
  - Anticipate initiating planning/PD&E later this year
  - Consultant on board

**We are ready to go!**



# TAMPA-ORLANDO IMPLEMENTATION PLAN

(AS SHOWN IN THE TRACK 2 APPLICATION)



Legend:

PROCURE  \$AWARD DATE



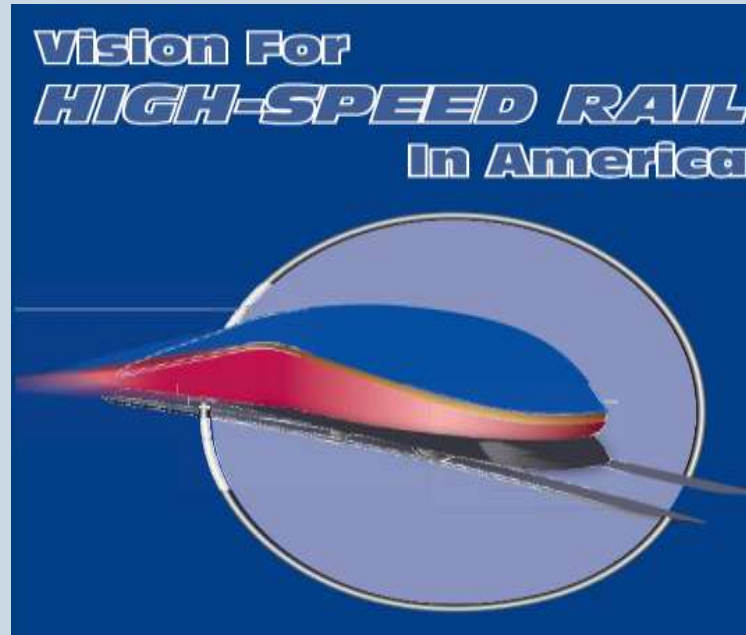
# Be part of our Program!

***“Florida is the State that can turn imagination into reality for world-class High Speed Rail faster than anywhere else in the nation”***

**Governor Charlie Crist – October 2, 2009**



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