



# CENTRAL FLORIDA EXPRESSWAY AUTHORITY

## 2040 Master Plan Overview

February 12, 2015



# 2040 Master Plan Overview

- Purpose
- History
- Process
- Plan Elements
- Status and Future Schedule



# Master Plan Purpose

- **Establish policy for future operations and capital investment decisions**
  - Existing system capital improvement needs
  - Revenue / tolling options
  - Future candidate projects for system expansion
  - Role in Central Florida's multi-modal transportation community
- **Basis for Five-Year Work Plan**



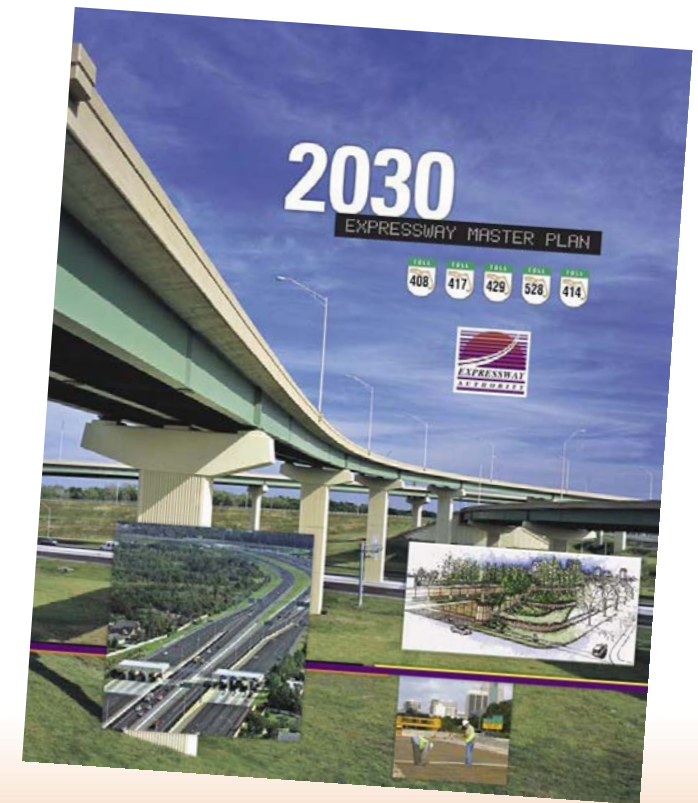
# Master Plan History





# 2030 Master Plan

- **Completed in 2006**
  - \$1.4 billion in existing system improvements
  - \$4.8 billion in potential expansion projects

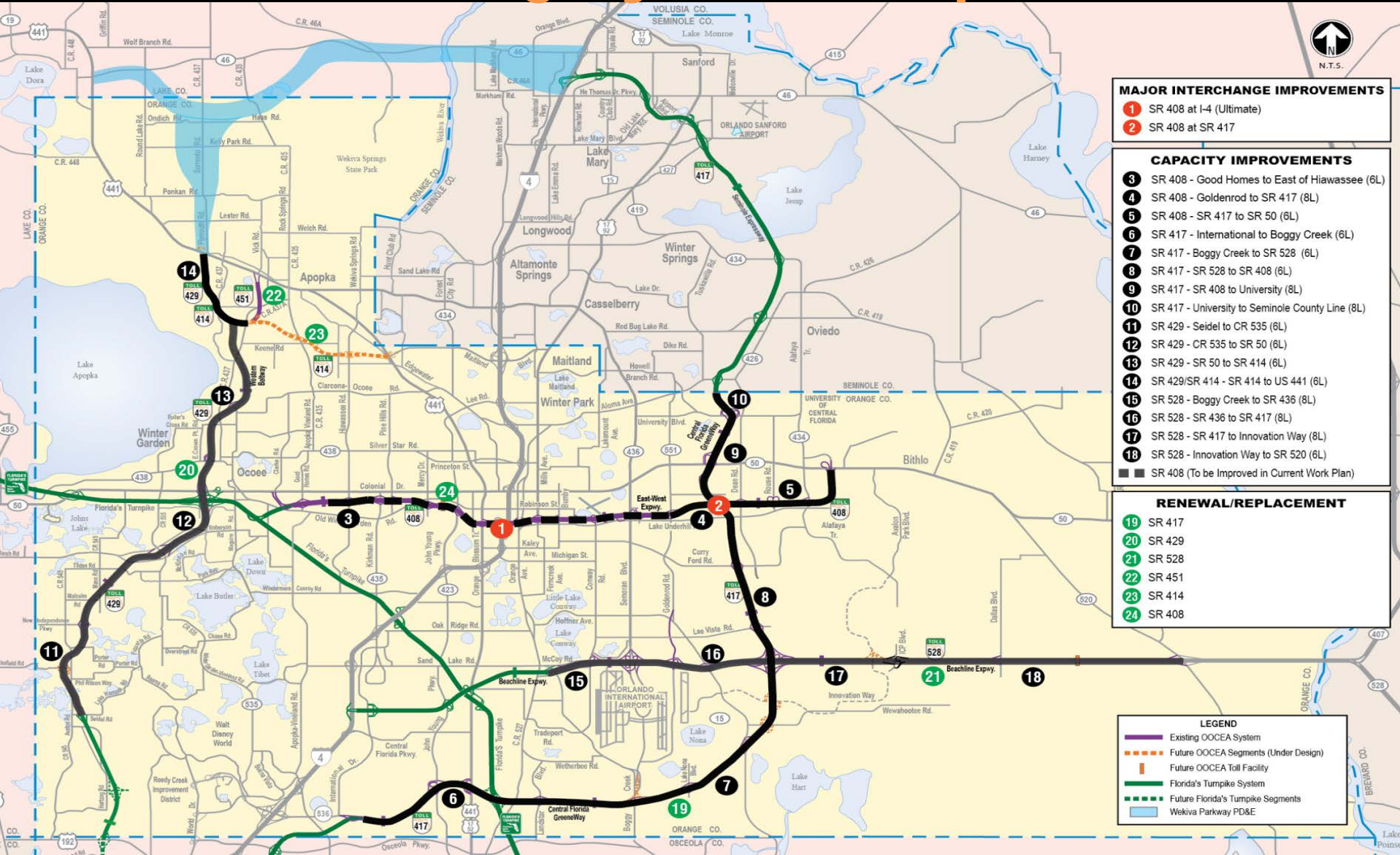






# 2030 Master Plan

## Existing System Improvements



### MAJOR INTERCHANGE IMPROVEMENTS

- 1 SR 408 at I-4 (Ultimate)
- 2 SR 408 at SR 417

### CAPACITY IMPROVEMENTS

- 3 SR 408 - Good Homes to East of Hiwassee (6L)
- 4 SR 408 - Goldenrod to SR 417 (8L)
- 5 SR 408 - SR 417 to SR 50 (6L)
- 6 SR 417 - International to Boggy Creek (6L)
- 7 SR 417 - Boggy Creek to SR 528 (6L)
- 8 SR 417 - SR 528 to SR 408 (6L)
- 9 SR 417 - SR 408 to University (8L)
- 10 SR 417 - University to Seminole County Line (6L)
- 11 SR 429 - Seidel to CR 535 (6L)
- 12 SR 429 - CR 535 to SR 50 (6L)
- 13 SR 429 - SR 50 to SR 414 (6L)
- 14 SR 429/SR 414 - SR 414 to US 441 (6L)
- 15 SR 528 - Boggy Creek to SR 436 (8L)
- 16 SR 528 - SR 436 to SR 417 (8L)
- 17 SR 528 - SR 417 to Innovation Way (8L)
- 18 SR 528 - Innovation Way to SR 520 (6L)
- SR 408 (To be Improved in Current Work Plan)

### RENEWAL/REPLACEMENT

- 19 SR 417
- 20 SR 429
- 21 SR 528
- 22 SR 451
- 23 SR 414
- 24 SR 408

**LEGEND**

- Existing OOCEA System
- Future OOCEA Segments (Under Design)
- Future OOCEA Toll Facility
- Florida's Turnpike System
- Future Florida's Turnpike Segments
- Wekiva Parkway PD&E

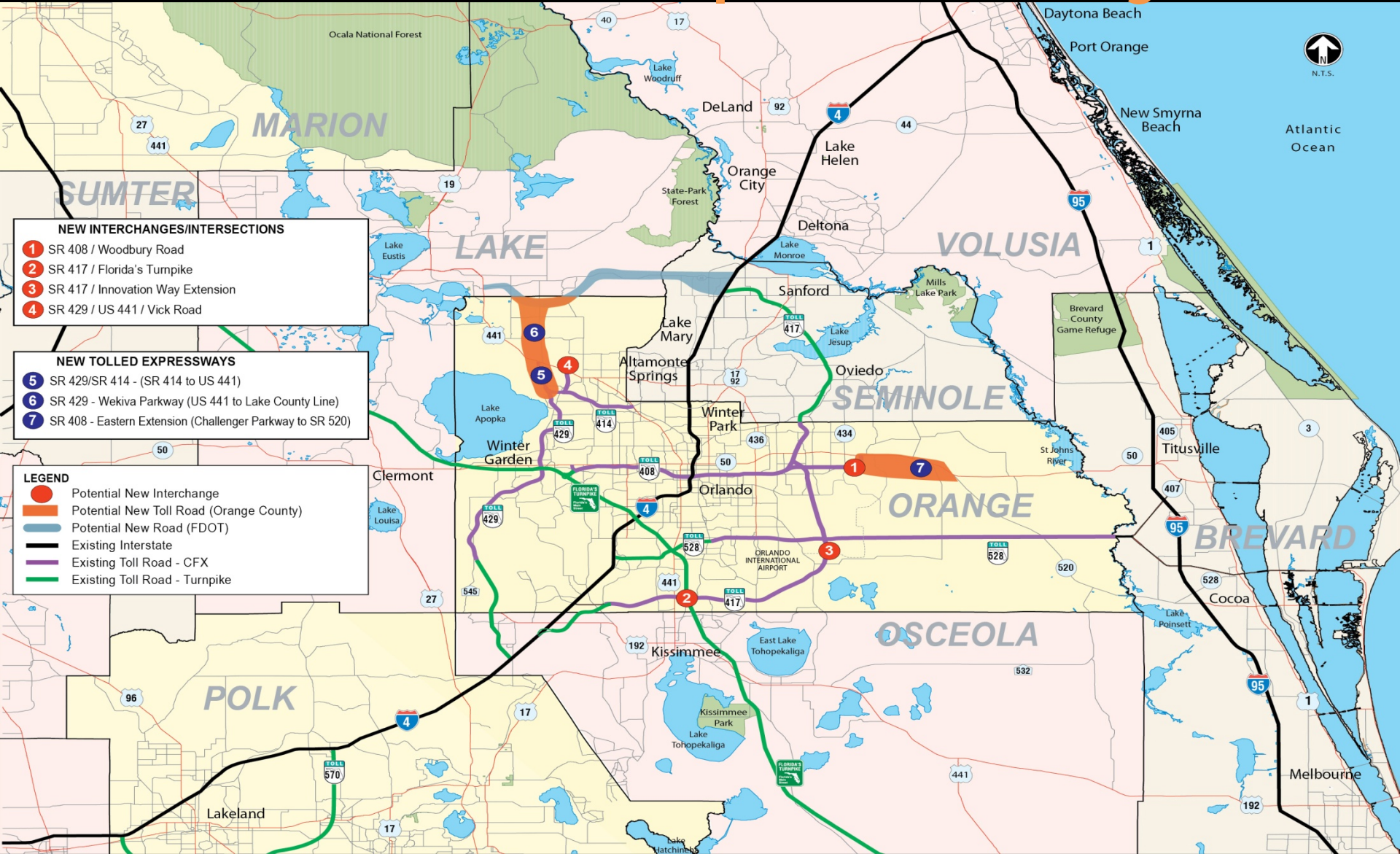








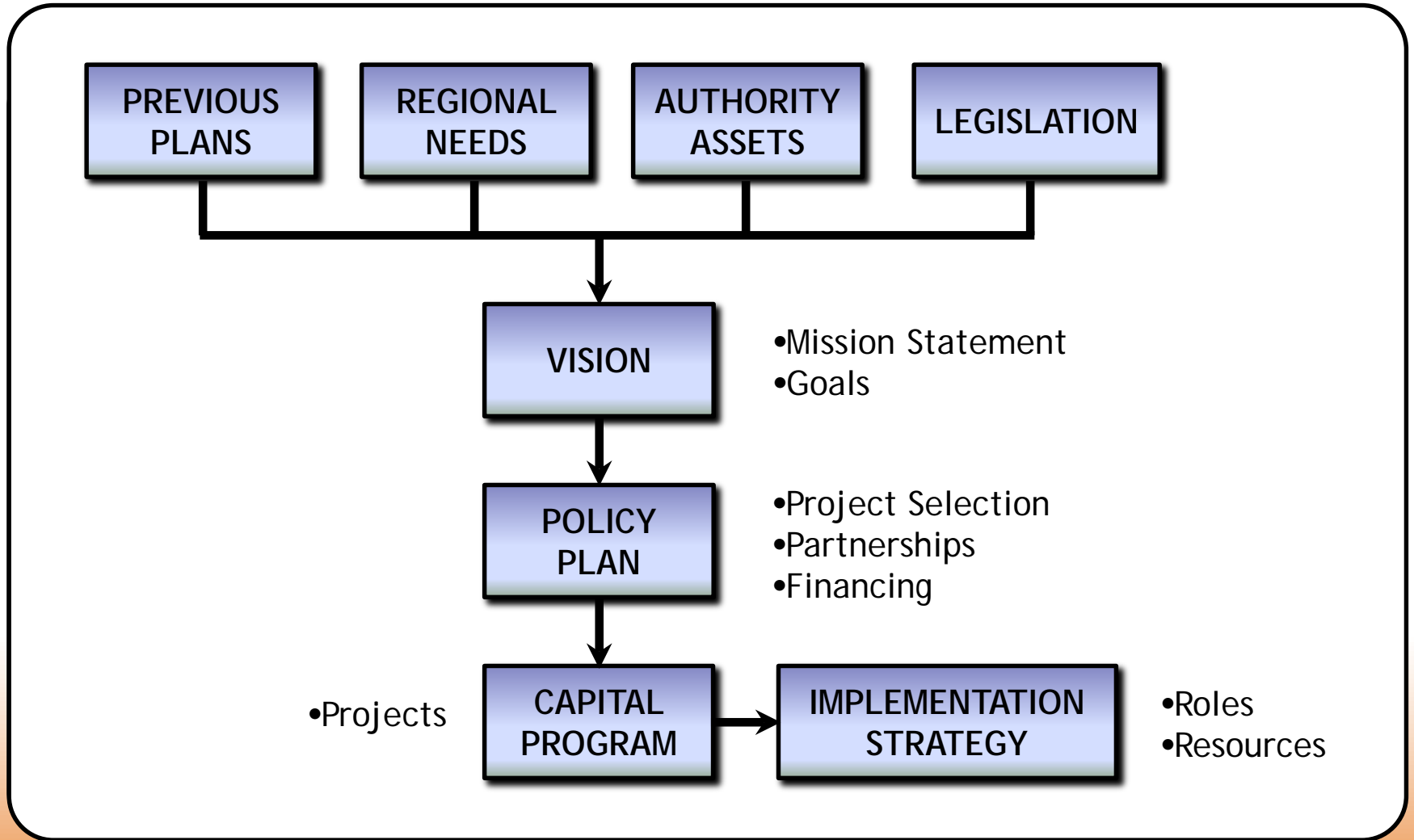
# 2030 Master Plan Potential Expansion Projects







# Master Plan Process





# Master Plan Elements

## Existing System Improvements

- Capacity
  - Roadway widening
- Traffic Operations
  - Interchange and ramp intersection improvements
- System Renewal Needs
  - Road resurfacing, facilities and equipment

Based on technical analysis of system statistics, history, life-cycle and T&R coordination



# Master Plan Elements

## Revenue / Tolling Options

- Toll rate policy
  - Future toll rate adjustments
- Toll collection technology and operations
  - Emerging technologies

**Board input critical for development and evaluation of opportunities and constraints**





# Master Plan Elements

## Expansion Projects

- New expressway routes
- New interchanges

**Board and Stakeholder input necessary for identification and evaluation of expansion options**

- FDOT, Counties, Cities
- MPOs and Regional Planning Council
- Other Agencies (GOAA, Lynx, Port Canaveral)



# Master Plan Elements

## Multi-Modal Transportation Role

2014 CFX legislation created major opportunities for multi-modal projects..

*“ The term “Central Florida Expressway System” means any expressway... and any rapid transit, trams or fixed guideways located within the right of way of an expressway”*

Board and Stakeholder input necessary for identification and evaluation of transit opportunities



# 2040 Master Plan Status

## Began Process in October 2013

- Two phase approach
- Phase One (Completed in December 2013)
  - Data collection
  - Existing system analysis
  - Coordination with 15 Stakeholders





# 2040 Master Plan Status

## Sample of Stakeholder Input

- **Orange County** very interested in future projects in the eastern part of the county
- **City of Orlando** recommended the Authority become involved in developing and funding multi-modal options
- **Lake County** discussed the status of the Wellness Way Sector Plan and interest in improving east-west connections
- **Seminole County** suggested advancing the widening of SR 417
- **Osceola County** shared information on the various sector plans in the northern portion of the county



# 2040 Master Plan Status

## Sample of Stakeholder Input

- Greater Orlando Aviation Authority shared plans and schedule of the south intermodal terminal
- Metroplan Orlando shared schedule of the 2040 Long Range Transportation Plan
- Port Canaveral shared vision for future expansion plans
- Brevard County very interested in future east/west corridor improvements



# 2040 Master Plan Status

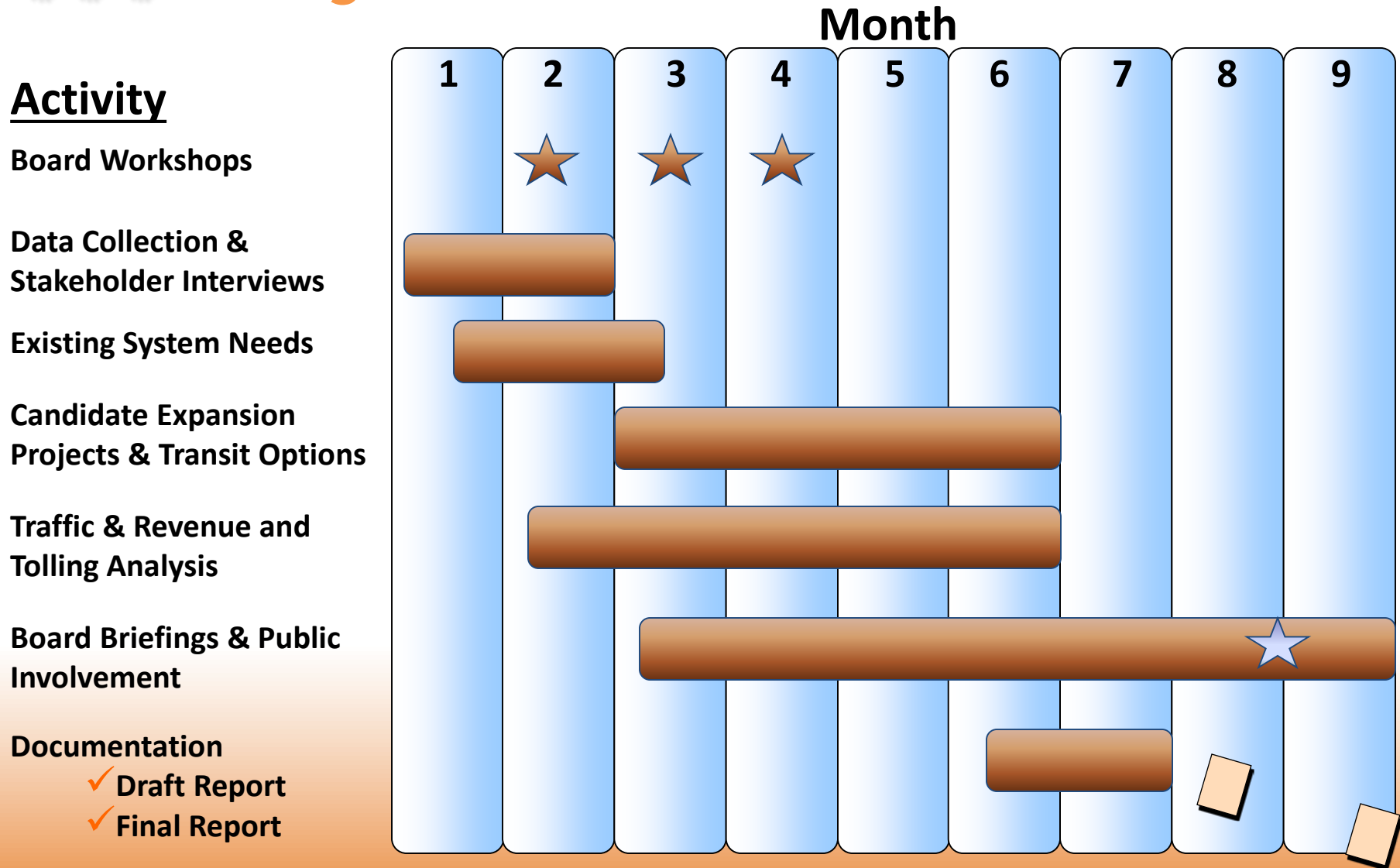
## Began Process in October 2013

- Two phase approach
- Phase One (Completed in December 2013)
  - Data collection
  - Existing system analysis
  - Coordination with 15 Stakeholders
- Phase Two
  - Mission and vision
  - Policy direction
  - Opportunity evaluation





# Major Tasks and Schedule





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