

Public Kick-off Meeting

**Midway Road/County Road 712**  
**Project Development and Environment Study**  
from Glades Cut Off Road to Selvitz Road

**St. Lucie County**

FPID: 231440-3-22-01

ETDM: 14177

August 18, 2015

# Presentation Agenda



- Purpose of the Meeting
- PD&E Study Objectives
- Project Location
- Project Need
- Public Involvement
- Engineering
- Environmental
- Environmental Reports
- Project Schedule
- What's Next
- How Can You Get Involved?

# Purpose of the Meeting

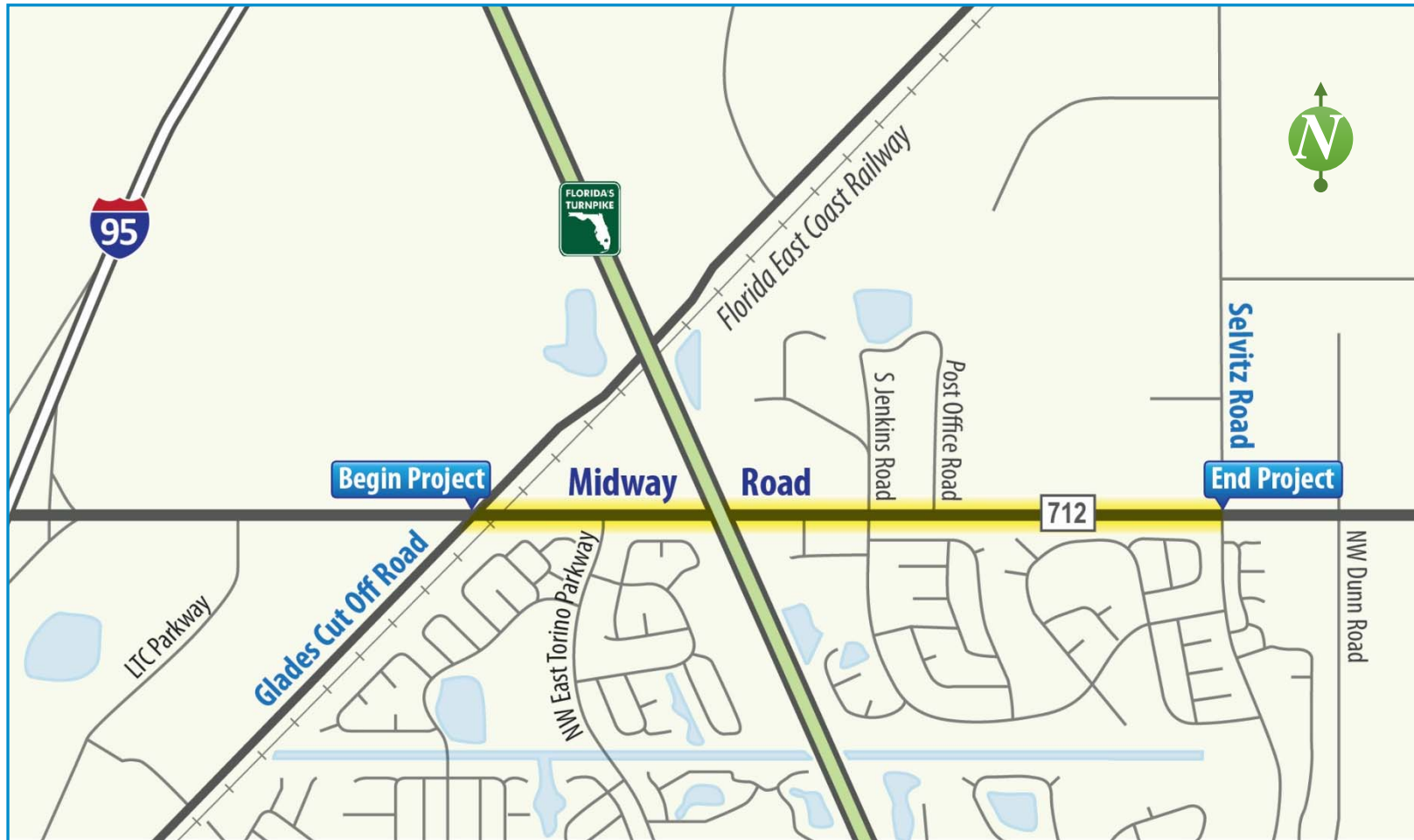


- Introduce the Project
- Outline the Process and Schedule
- Share What We Know About the Project
- Receive Input from Community and Stakeholders
  - Questions and Concerns
  - Comment Forms
  - Website
  - Individual Meetings

# Project Development & Environment (PD&E) Study

The objectives of a PD&E study are to perform necessary social, environmental and engineering studies of a proposed transportation improvement to support decisions concerning if and where it should be built and what will be the basic design concepts.

# Project Location



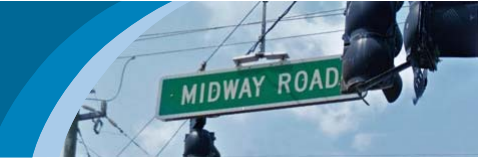
# Project Need



- Provide for Existing and Future Traffic Needs
- Improve Safety
- Improve Freight Mobility
- Enhance Emergency Evacuation
- Provide Opportunities for Bicycle, Pedestrian and Transit Facilities
- Plan Consistency




# PD&E Study Components



- Public Involvement
- Engineering
- Environmental

# Public Involvement

- Elected and Appointed Officials/Agencies Kick-off Meeting
- Public Kick-off Meeting
- Alternatives Public Meeting
- Public Hearing
- Project Website
- Newsletters
- Local Outreach




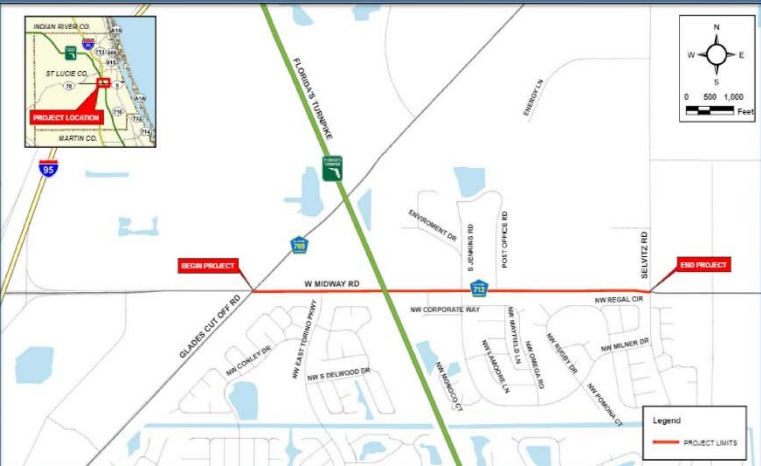
Florida Department of Transportation  
District Four

MIDWAY ROAD/CR 712  
From Glades Cut Off Road to Selvitz Road  
FPID No.: 231440-3-22-01  
PROJECT DEVELOPMENT AND ENVIRONMENT STUDY

Newsletter No. 1 Page 1 July 2015

**Introduction:**  
The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study for Midway Road/County Road (CR) 712 from Glades Road to Selvitz Road in St. Lucie County (see map below). The purpose of the study is to evaluate the need to provide additional capacity to meet existing and future needs; to allow opportunities for pedestrians, bicyclists, and transit facilities; and to improve freight movement; and to enhance emergency evacuation.

**Why Do We Need this Study?**  
The Port St. Lucie/Fort Pierce area has been identified by the US Census as one of the fastest growing metropolitan areas in Florida. This rapid population growth has resulted in a significant increase in surface transportation. Based on recent traffic data from St. Lucie County, Midway Road/County Road 712 between Glades Road and Selvitz Road does not adequately handle the existing traffic demand. In addition, the County anticipates continued growth and significant new development within and around the project limits. Without capacity improvements, the traffic operations along this corridor will continue to deteriorate.



Legend  
— PROJECT LIMITS



# Engineering



- Data Collection and Analysis
- Alternatives Analysis
- Turnpike Interchange Feasibility Analysis

# Data Collection and Analysis

- Vehicular Traffic
- Drainage Patterns
- Utilities
- Geotechnical
- Crash Data



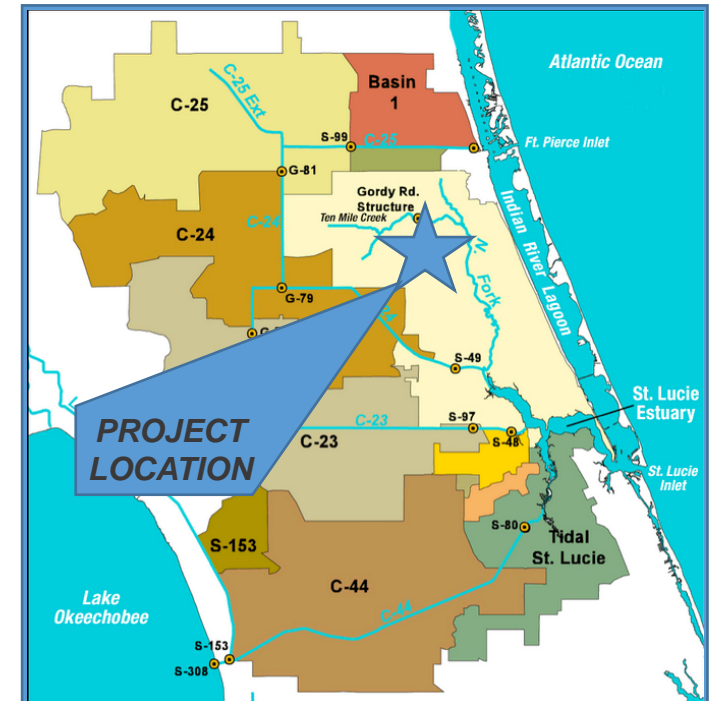
# Vehicular Traffic



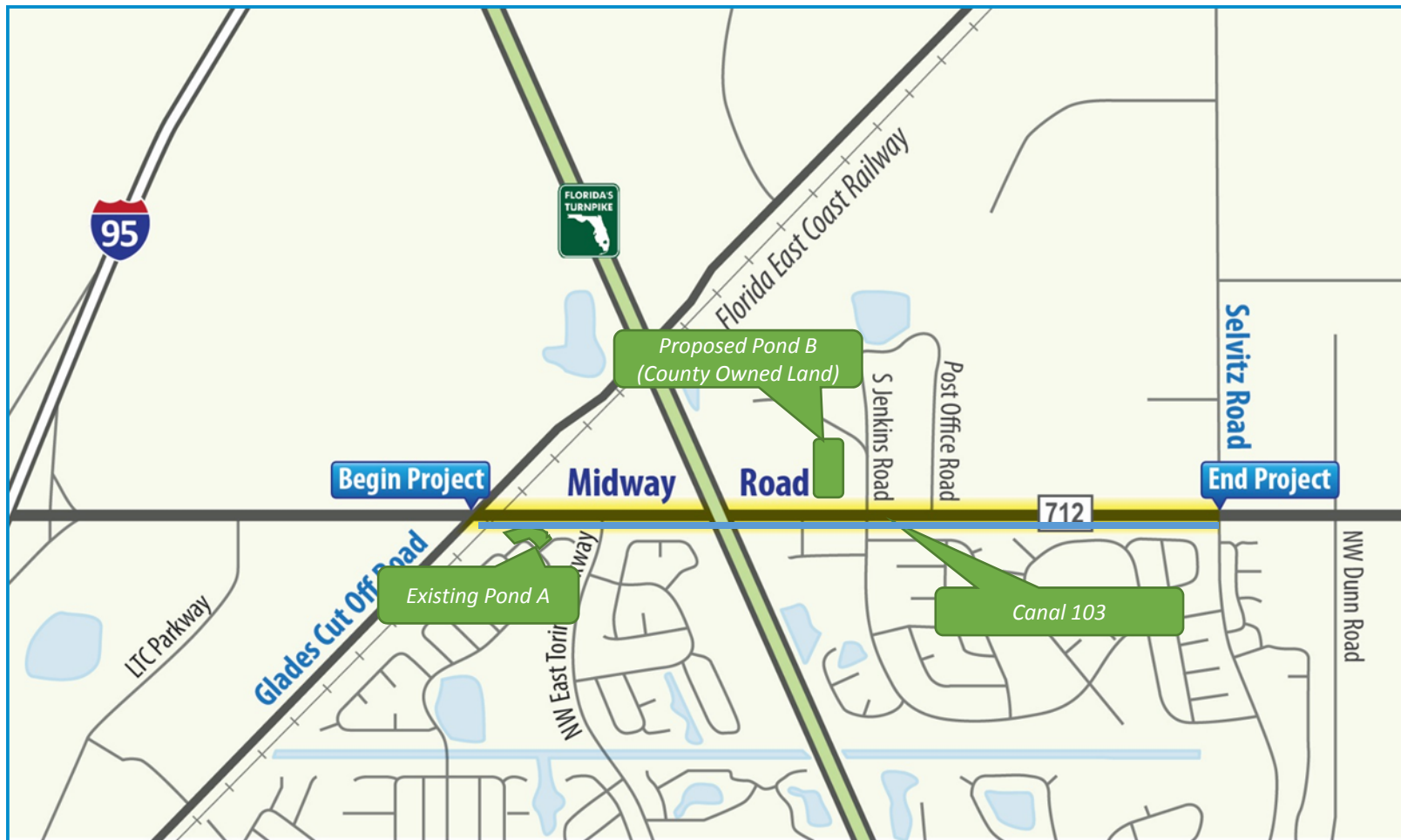
- Roadway Does Not Handle Existing Traffic Demand
- Traffic Anticipated to Increase to 29,200 Annual Average Daily Traffic (AADT)
- Level of Service F with Degraded Traffic Operation Unless Capacity is Increased

# Drainage

- St. Lucie Estuary Watershed
  - Project Discharges to Canal C-103
    - Within St. Lucie River (North Fork) & Ten Mile Creek Boundaries
      - WBID 3194 & WBID 3194A
      - Impaired for Nutrients
      - Discharges to St. Lucie Aquatic Preserve
        - (Outstanding Florida Water)
- Anticipate Using Permitted Ponds
- No Floodplain Impacts
  - FEMA (Zone X)
  - “No Involvement”  
Classification Anticipated



# Drainage



# Alternatives Analysis

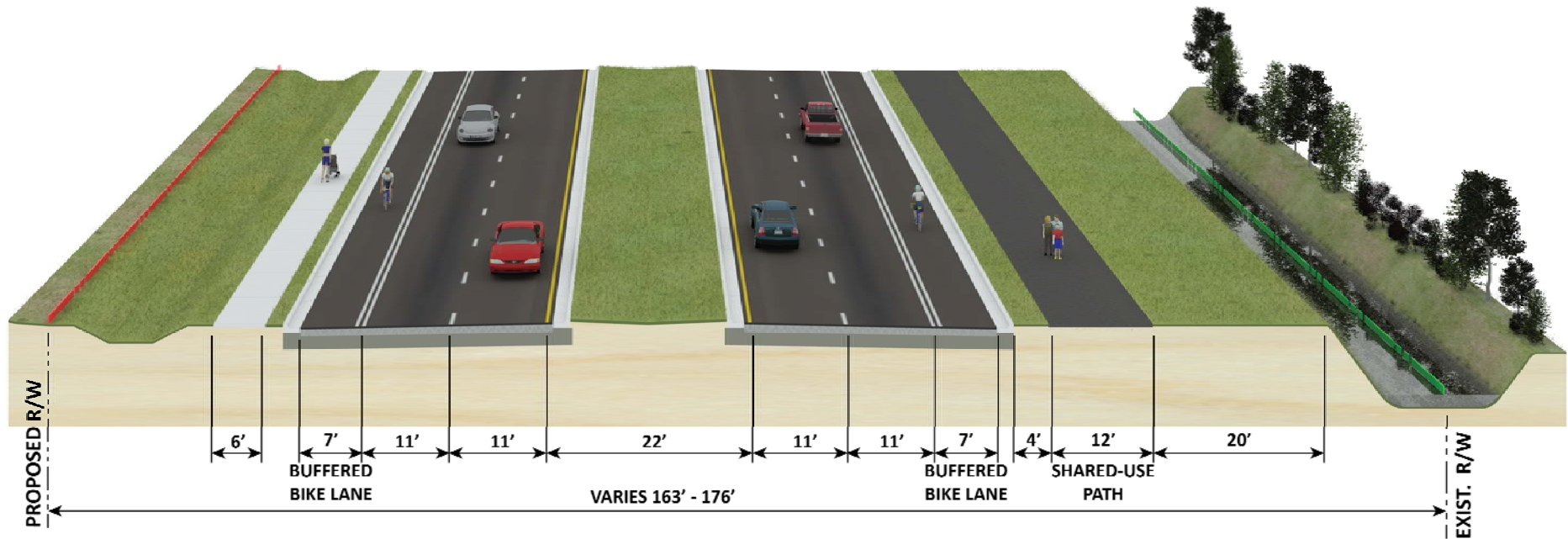
- No-Build Alternative
  - No Improvements Other Than Routine Maintenance



# Alternatives Analysis



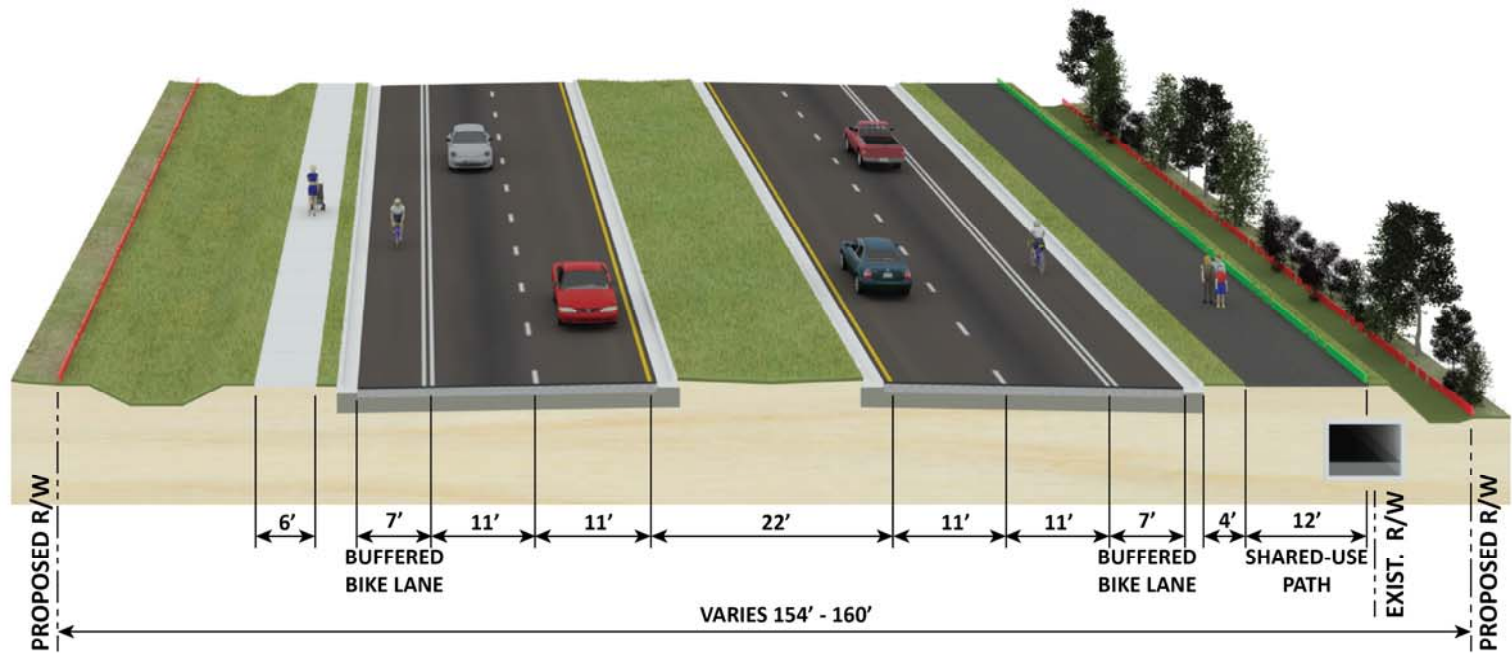
- Alternate 1 – Canal Avoidance



# Alternatives Analysis



- Alternate 2 – Box Culvert

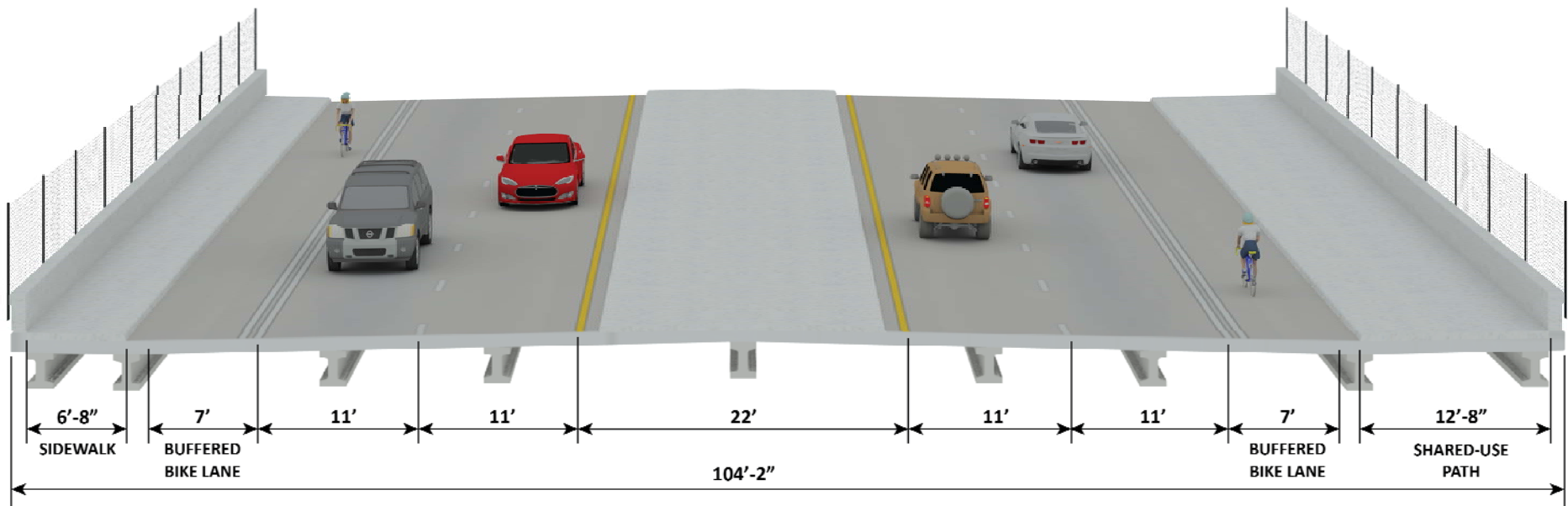




# Alternatives Analysis

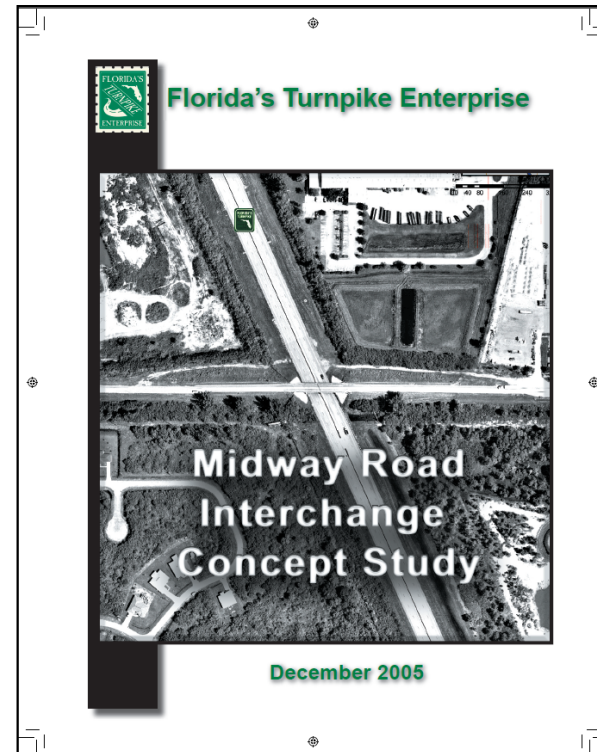


- Bridge over Turnpike

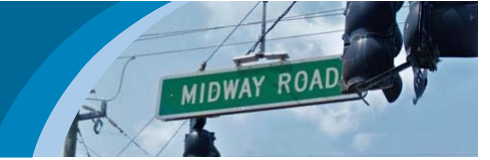


# Turnpike Interchange Feasibility Analysis

- Interchange Concept Study Completed in 2005
  - No Fatal Flaws
  - Expected Revenue Covered Operation and Maintenance but Not Construction Costs
- New Feasibility Analysis
  - Updated Traffic Analysis
  - New Alternatives Considered

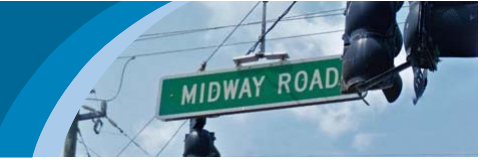


# Environmental



- Social and Cultural Environment
- Natural Environment
- Physical Environment
- Summarize Results in Environmental Reports

# Social and Cultural Impacts



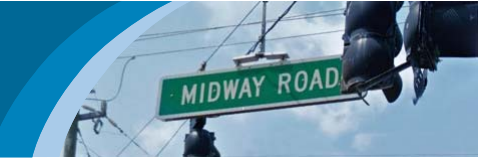
- Socio-Economic Impacts
- Socio-Cultural Effects
- Archaeological and Historic Sites
- Visual Impacts and Aesthetics
- Parks/Recreational Resources

# Natural Impacts

- Wetlands
- Wildlife and Habitat

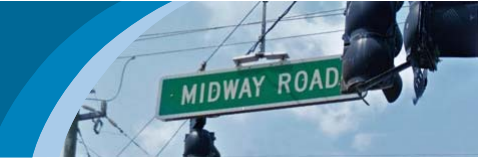


# Physical Impacts



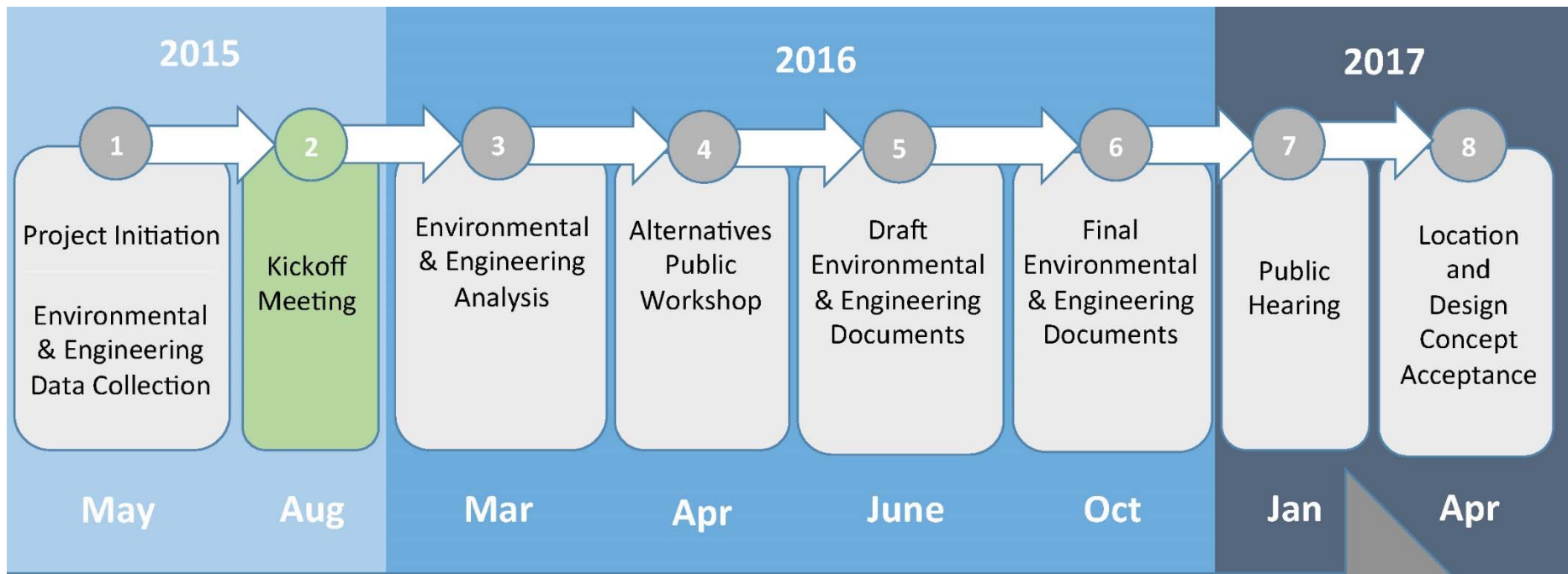
- Noise
- Contamination
- Air Quality
- Construction

# Environmental Reports



- Wetland Evaluation
- Endangered Species Biological Assessment
- Cultural Resources Assessment Survey
- Contamination Screening Evaluation
- Air Quality Screening
- Noise
- Type 2 Categorical Exclusion

# Project Schedule

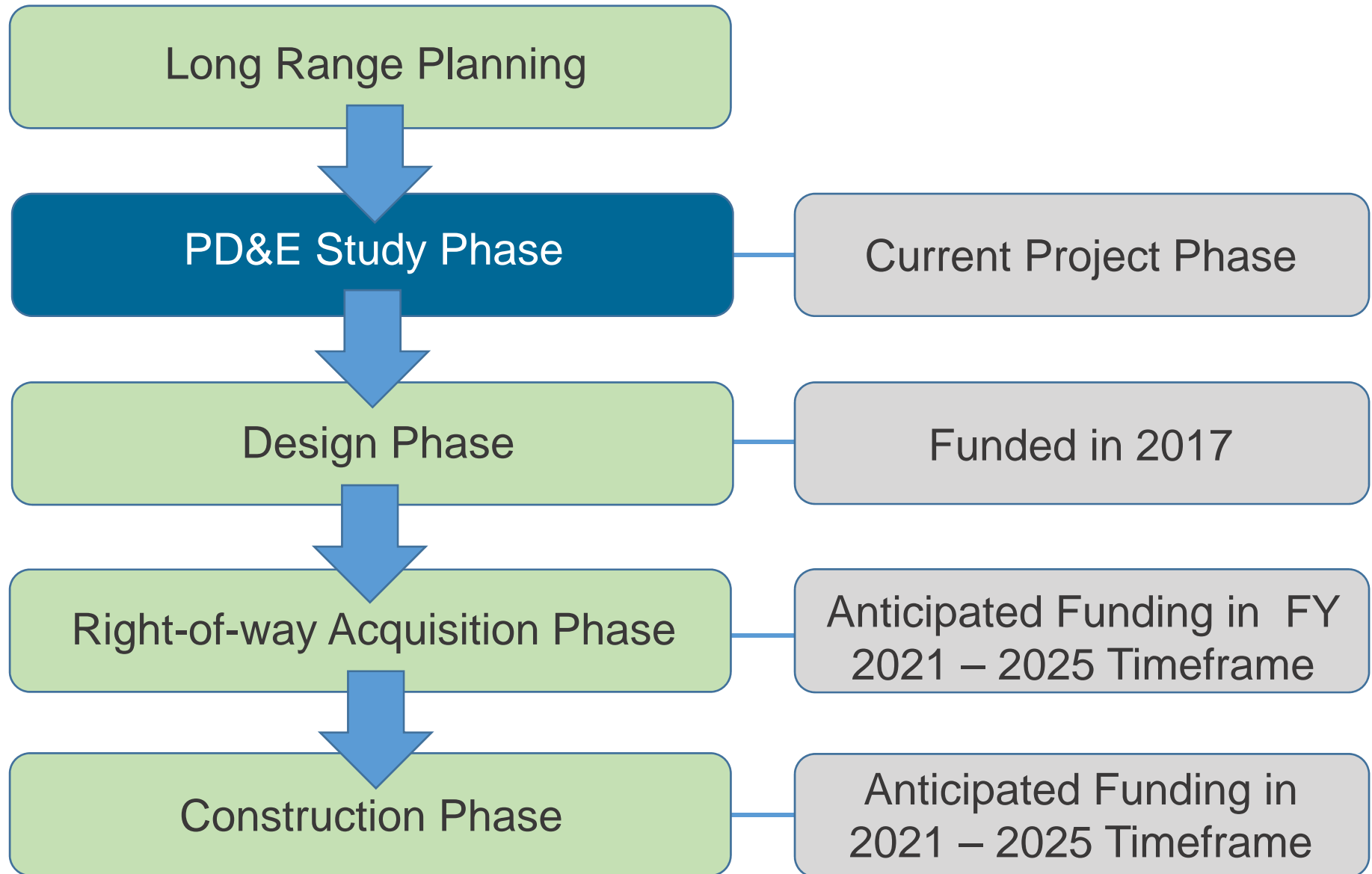


## Community Outreach

A continuous community outreach process is integrated into every step of the project to ensure that the corridor residents, businesses, the traveling public and other interested parties have meaningful participation in the process.



# Project Implementation



# What's Next



- Work Toward the Public Alternatives Meeting
  - Evaluate Future Traffic Levels and Operational Performance
  - Develop Alternatives
  - Evaluate Environmental Impacts
- Continuous Public Involvement
  - St. Lucie Transportation Planning Organization
  - St. Lucie County
  - City of Fort Pierce
  - City of Port St. Lucie
  - Property Owners/Stakeholders
  - Project Team Available for Presentations





## **FDOT Project Manager:**

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# Comments

- Questions / Answers / Discussion

