KICK-OFF PRESENTATION

SAN MARTIN BOULEVARD
OVER RIVIERA BAY
PROJECT DEVELOPMENT &
ENVIRONMENT (PD&E)
STUDY
PROJECT IDENTIFICATION NUMBER
(PID): #001036A
July 14, 2015
PRESENTATION OVERVIEW

1. Introduction
2. San Martin Blvd. Bridge Replacement
3. North Bay Trail Extension Evaluation
4. Project Schedule
PROJECT LOCATION

Map showing the location of a project with specific streets and areas highlighted.
PROJECT HISTORY

1960

1962 | San Martin Blvd. Bridge Built

1970

1972

1980

2001 | Load Testing Evaluation

2003 | City Trails Program Initiated

2010

2014 | Pinellas County Initiates PD&E Study

2012 | Pinellas County Initiates Bridge Replacement Study
PROJECT OBJECTIVES

- Address the bridge deficiencies
  - Built in 1962 (53 years old)
  - Does not meet current design standards for pedestrians and bicyclists per American with Disabilities Act (ADA) because of width
  - Based on 2013 bridge inspection the bridge is not structurally deficient.

- Provide trail and pedestrian features consistent with the City’s Trails Program & Pinellas County 2040 Long Range Transportation Plan
  - Provide Connection from North Bay Trail (Macoma Dr.) to Friendship Trail (Gandy Blvd.)
  - Determine Bridge Configuration for Trail
  - Identify Safe Crossing Locations

- Develop Environmental Documentation Necessary to Maintain Funding Opportunities
PROJECT LIMITS & SCOPE

- **Document as PD&E for Bridge Replacement and Evaluate Trail Enhancements**
  - Simplify Level of Documentation
  - Address Different Funding Sources

- **San Martin Blvd. Over Riviera Bay Bridge Replacement PD&E Study**
  - Meet Federal National Environmental Policy Act (NEPA) Requirements
  - Evaluate Three Alternatives:
    - No Build
    - Rehabilitate
    - Replacement

- **North Bay Trail Extension Evaluation**
  - Evaluate Alignment Alternatives
  - Evaluate Crossing Locations
PD&E APPROACH

1. Environmental/Engineering Data Collection
2. Alternatives Development
3. Alternatives Analysis and Evaluation
4. Select Recommended Alternative
5. Alternatives Public Meeting with Stakeholders
6. Development of Technical Documents
7. Public Hearing (Optional)
8. Finalize NEPA Documents
9. Location and Design Concept Approval
STAKEHOLDER INVOLVEMENT

- Stakeholders
  - Pinellas County Government
  - City of St. Petersburg
  - Neighborhood Associations
  - Residents
  - Boaters
  - Weedon Island
  - Organized Recreational Users
  - Duke Energy
  - Florida Department of Transportation
  - Tampa Bay Estuary Program
  - Documentation Agencies
    - Federal Highway Administration
    - US Army Corps of Engineers
    - United States Coast Guard
    - Southwest Florida Water Management District
- Proactive Public Engagement
- Project Specific Public Involvement Program
- Alternatives Workshop
- Outreach Through Community Media Sources
- Project Website

http://www.pinellascounty.org/sanmartinbridge
KEY ISSUES

- Community Considerations
  - Community Cohesion
  - Right-of-Way Relocation Potential
  - Archaeological and Historical Sites
  - Channel Navigation Needs During Construction

- Environmental Considerations
  - Wetlands
  - Protected Species/Habitat
  - Section 4 (f) (Public Use Facilities)
    - Weedon Island Preserve
    - Tampa Bay Outstanding Florida Waters

- Physical Environment
  - Air or Water Quality Impacts
  - Noise (Traffic & Construction)
  - Contamination or Hazardous Materials Involvement
Original, East & West Shifted Alignments

- Maintaining Original Alignment Necessitates Closing the Road During Construction
- Shifted Alignments Evaluated to Maintain Road Open During Construction
- High Level (± 70 ft. of Clearance)
- Mid Level (± 45 ft. of Clearance)
- Low Level (± 20 ft. of Clearance)
- Highest Constrained (± 18 ft. of Clearance)
  - Constrained by Adjacent Intersections (Tallahassee Drive and Weedon Drive)
  - Maintaining Traffic on Bridge During Construction Impacts Clearance Attainable
- Movable Option Evaluated for Cost Comparison

Existing Clearance = ± 10 ft.
- **Determine Best Trail Configuration**
  - Provide Connectivity to Adjacent Trails & Weedon Island Preserve
  - Minimize Environmental Impacts

- **Evaluate Safe Locations for Trail Crossings**
  - North Bay Trail Existing Terminus
  - Weedon Island/Duke Energy Trail
  - Savona Dr. Trail
  - Gandy Blvd. Friendship Trail
- **Macoma Drive to Weedon Island Drive**
  - *Curb and Gutter Roadway with Trail on West/North due to R/W Constraints*
  - *Minimal Environmental Impacts*

- **Maintain Existing Pavement While Adding Trail and Sidewalk**
▪ Weedon Island Drive to Gandy Blvd.
  • Rural Roadway with Unpaved Shoulders
  • Trail Location Affected by Environmental Constraints and Connectivity
▪ Add Paved Shoulders, Trail and Sidewalk
### Schedule

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<th>2014</th>
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<td>Receive Survey Data from County</td>
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<td>Public Involvement</td>
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<td>Environmental Data Collection/Analysis/Reports</td>
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<td>Prepare Environmental Document</td>
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- **Construction Programmed in County CIP for 2018/2019**
  - *Schedule contingent on acquisition of 50% grant funding.*
  - *Actual construction time frame will be dependent on acquisition, timing and amount of available grant funding.*
QUESTION & ANSWER

CONTACT INFORMATION
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PROJECT WEBSITE
http://www.pinellascounty.org/sanmartinbridge