Qualifying Activities

• Construction of on-road and off-road trail facilities for pedestrians, bicyclists, and other nonmotorized forms of transportation, including sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety-related infrastructure, and transportation projects to achieve compliance with the Americans with Disabilities Act of 1990.

• Construction of infrastructure-related projects and systems that will provide safe routes for non-drivers, including children, older adults, and individuals with disabilities to access daily needs.
Project Location

Transportation Alternative Project
Project Vicinity
Project Context

- 3 neighborhoods – North Shore, Echo Lakes, and Westfield
- Enhances pedestrian safety by providing
  - an enclosed path separate from traffic
- Provides improvements for students walking to school
- Improves resident’s pedestrian access to City’s/County’s broader transportation network
- Connects residents and visitors to schools, parks, transit facilities and commercial centers
- All work within existing right-of-way
Current Site Conditions

- Insufficient sidewalk
- No buffer between traffic and sidewalk

North Shore Drive (Looking North)
Current Site Conditions

- Utilities appear present on the northwest corner
- Storm mains adjacent to bridge on west side

North Shore Drive (Looking West)
Access to Public Transit

- Tri-Rail
- Mangonia Park Station
- Palm Tran
- Route 2
- Route 20
- Route 31
- Route 33
Proposed Improvements

- Install **pedestrian bridge** just west of existing bridge on North Shore Drive
- Install **sidewalk** connecting existing sidewalk to proposed pedestrian bridge
- Provide riprap and bedding stone along the canal shore
- Decorative pedestrian bridge
- Lighting to enhance safety
Scoring Criteria

• Requesting to be scored as a Bicycle/Pedestrian Project
• Will respond to each individual scoring criteria
• 2014 City was awarded a TAP grant for sidewalks and crosswalks improvements in the neighborhood
1. Bicycle/Pedestrian Plans

- Congress Avenue, 45th Street and Australian Avenue identified on the Palm Beach County Bicycle Facility Plan
1. Bicycle/Pedestrian Plans

- Congress Avenue, 45th Street and Australian Avenue identified on the City of West Palm Beach Existing/Future Bikeways Map
- Secured funding in 2016 City of West Palm Beach to create a bicycle network
1. Bicycle/Pedestrian Plans

- Congress Avenue, 45th Street and Australian Avenue identified on the City of West Palm Beach Existing/Future Pedestrian Facilities Map
- Australian Avenue identified for pedestrian facility improvements
2. Access to Bicycle/ Pedestrian Facilities

Congress Ave
45th Street
Australian Ave
3. Access to Parks/Recreation

Echo Lake Park
Hiltonia Cir
Pipehurst Dr
37th St
Haden Ave
4. Access to Educational Facilities

- Bak Middle School of the Arts
- Ephesus Academy

Transportation Alternative Project
5. Access to Regional/ Neighborhood Center
6. Access to Public Transit

North Shore Drive

Echo Lake Drive
7. Neighborhood or Redevelopment Plan

• Consistent with improvement plans for infrastructure - North Shore Neighborhood Improvements
8. Design Ideas

• Potential bridge designs
9. Multiple Use

- Vehicular Control
- Pedestrians
  - Sidewalk
  - Bridge
- Transit users
  - Palm Tran
  - Tri-Rail
10. Project Excellence and Community Support

• **Community Support: City Commission**

• **Project Excellence:**
  – Focuses on accessibility and **safety** to neighborhoods connected by existing bridge
  – Project presents an opportunity to improve existing pedestrian facilities
  – Project would provide relief to residents from the burden of school traffic in their neighborhoods
QUESTIONS