

FY2017 Cooperative Funding Initiative Application Form

Project Name Pinellas Trail - 54th Ave Drainage Improvements
Project Number
Cooperator Pinellas County
Department Environment And Infrastructure
Contact Person David Talhouk, E.I.
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Project Type:

Water Supply Water Quality Flood Protection Natural Systems

Strategic Initiatives:

Water Quality Maintenance and Improvement Water Quality Monitoring
 Alternative Water Supply Conservation
 Reclaimed Water Regional Water Supply Planning
 Emergency Flood Response Floodplain Management
 Minimum Flows and Level Establishment and Monitoring Minimum Flows and Levels Recovery
 Natural Systems Conservation and Restoration Natural Systems Identification and Monitoring

Indicate All Counties to Benefit From Project:

Charlotte Citrus Desoto Hardee Hernando Highlands Hillsborough Lake
 Levy Manatee Marion Pasco Pinellas Sarasota Sumter Polk

Project Description/Benefit/Cost

Description:

This project will serve to prevent future flooding along the Pinellas Trail - 54th Avenue corridor up to the 100yr 24hr storm event. The source of flooding is due to the inability of the primary drainage system to collect and transport runoff from the watershed. The watershed consists of approximately 21 acres, much of which is untreated. This project will include water quality treatment through the strategic implementation of baffle box technology or a water quality treatment pond. The decision on which methods to use will be determined in the design phase. This area discharges into the Gulf of Mexico which is an Outstanding Florida Water. This treatment will help meet water quality goals of reducing pollutant loading to surface waters and TMDL's.

Benefit:

The benefits achieved from this project will be to prevent future flooding for the 100yr 24 hr storm event and prevent future Street flooding at the intersection of Pinellas Trail and 54th Avenue North for the 10yr 24hr storm. We will incorporate baffle box technology or a water quality treatment pond to treat the currently untreated stormwater from the watershed.

The decision on which water quality treatment methods to use will be determined in the design phase. This area discharges into the Gulf of Mexico which is an Outstanding Florida Water. This treatment will help meet water quality goals of reducing pollutant loading to surface waters and TMDL's

Cost:

The total cost for the construction of the project with CEI is estimated to be \$1,650,000. We are requesting construction funding only and CEI services.

Describe your complementary efforts in developing, implementing and enforcing water conservation, water quality and flood protection ordinances.

Pinellas County participates in the National Flood Insurance Program and has adopted a flood plain ordinance. We regulate and manage floodplains up to the 100 yr event. All development is required to receive the proper building and site plan development permits. We participate in the NPDES program and have an ongoing Watershed Management effort throughout the County. We acquire and manage preserve areas, which provide water quality benefits. We encourage water conservation and have invested in the development of a reclaimed water system for our citizens to reduce the use of potable water for irrigation. We promote Florida friendly landscaping and in partnership with state and federal regulatory agencies, are involved with the adoption and development of ordinances to promote water conservation and resource protection

Funding Source	Prior Funding	FY2016 Budget	FY2017 Budget	Future Funding	Total Funding
Applicant Share	75,000	325,000	825,000		1,225,000
Pinellas Anclote			825,000		825,000
Total	75,000	325,000	1,650,000		2,050,000

Matching Fund Reduction

Check here if requesting a reduction in matching funds requirement pursuant to s.288.06561, F.S.

Timelines

Data Collection Assessment:

No data will be collected for this project

Recommendation Approved:


Mark S. Woodard, County Administrator

Date:

9/28/15