

Thank you for submitting a project for consideration under the Florida DEP Protecting Florida Together website. Our project team is evaluating your submittal. In the event your submittal is identified to move to the next stage of consideration, our staff will be in touch with you. You can always check our [grants page](#) for final project selections. If you have any questions, please contact Resilience@FloridaDEP.gov.

Project Details

Entity/Sponsor Name

Pinellas County Utilities

Project Title

Pinellas Park Wastewater Interceptor Risk Reduction and Reliability Increase (including Pump Station)

Short Project Description

This joint project with Pinellas Park will relieve peak flows through an existing force main to eliminate repetitive sanitary sewer overflows, protect the public from exposure to raw sewage and increase the reliability and the resiliency of both Pinellas Park and Pinellas County wastewater collection systems, and reduce infiltration and inflow impacts on the collection system. Project constructs approx. 3 miles of redundant force main and upgrades an existing lift station.

Project Outcomes

The purpose of this project is to ensure compliance with 380.093 (FS) by fulfilling all requirements for a local vulnerability assessment on the assets and will enhance reliability for existing gravity interceptor that is prone to sanitary sewer overflows and surcharging during wet weather events. This protects against flooding impacts (inflow and infiltration) and sea level rise (infiltration) impacts and eliminate sanitary sewer overflows related to wet weather in the existing interceptor.

Has a Vulnerability Assessment been performed for this area previously?

Yes

Please provide details on the Vulnerability Assessment performed and how this project was identified as a result

Currently, the County is updating the critical infrastructure vulnerability assessment and finalizing the vulnerability report.

This project has been assessed by a third-party engineer and a preliminary engineering report prepared. This project will implement the engineer's recommendations to reduce domestic wastewater infiltration and inflow.

Project Type

Projects to adapt critical assets to the effects of flooding and sea level rise, Projects that mitigate the risks of flooding or sea level rise

Please provide a short description of how the project will facilitate adaptation to flooding and sea level rise and what critical assets that will include:

This project will adapt the existing (critical asset) 42" interceptor to the effects of flooding (infiltration and inflow) by installing a redundant parallel forcemain to shed the City of Pinellas Park's flow and create capacity in the existing interceptor. This will eliminate sanitary sewer overflows and surcharging in the interceptor.

Please provide a short description of how the project will address the risks posed by flooding and/or sea level rise.

This project will mitigate issues related to flooding and sea level rise by installing a redundant parallel forcemain to shed the City of Pinellas Park's flow and create capacity in the existing 42" gravity interceptor to mitigate the effects of flooding (infiltration and inflow). This will eliminate sanitary sewer overflows and surcharging in the interceptor.

Contact Information

Contact Information: Name

Tom Menke

State

Florida

Street Address

14 S. Fort Harrison Ave

Zip

33756

City

Clearwater

Phone

(727) 453-3611

Email

tmenke@co.pinellas.fl.us

Funding Requests

Project Type

New Project

Anticipated Grant Funds Needed

\$ 4,488,000.00

Local Funds and/or Match Commitment

\$ 8,712,000.00

Source(s) of match funding?

City and County CIP Planning/rates

Total Project Cost

\$ 13,200,000.00

Multi-Year Funding Breakdown

TTL Design TTL Const Grant Design Grant Const Grant Ttl

2022 \$700,000 \$238,000 \$- \$238,000

2023 \$800,000 \$272,000 \$- \$272,000

2024 \$300,000 \$4,000,000 \$102,000 \$1,360,000 \$1,462,000

2025 \$300,000 \$5,000,000 \$102,000 \$1,700,000 \$1,802,000

2026 \$100,000 \$2,000,000 \$34,000 \$680,000 \$714,000

Cost Effectiveness

FEMA Benefit Cost Analysis places a value of \$58 per person per day each for the loss of water or wastewater facilities. With a service area including approximately 152,000 persons impacted for this project, it is anticipated the cost for a single day without water or wastewater services to this impacted area is \$8,816,000. Loss of both would be valued at \$17,632,000.

Proposed Project Readiness to Proceed

Proposed Start Date

01/01/2022

Estimated End Date

12/01/2025

Is this project already permitted?

No

Is this project already designed?

No

Please list the plans and resources in place to make this project a success.

This project has been studied by a third-party engineer and recommendations programmed in the Pinellas County Capital Improvement Program. Currently, the City of Pinellas Park and Pinellas County are finalizing a interlocal agreement. When this is complete, this project will be ready for CCNA solicitation.

PCU routinely delivers multiyear and multi-phase Capital Improvement Projects annually within their systems. A project manager has been identified.

Additional Information

Will the project provide benefit to, or be located within, a state-designated financially disadvantaged community?

No or Not Applicable

Is there a public outreach component to the project?

Yes

County/Counties

Pinellas County

Project Location

Project Location Latitude

27.835174889913983

Project Location Longitude

-82.73629785390725

Project Category

- 1 (Primary Purpose) Resiliency Implementation
- 2 (Secondary Purpose) Other
- 3 (Tertiary Purpose) Other

Project Category Other

Protecting critical infrastructure and preventing sanitary sewer overflows

Acknowledgement and Submit

Yes

Yes