

Supplemental Appropriation for Hurricanes Helene and Milton

LaBelle Drinking Water Distribution System Redundancy and Emergency Interconnect

Project Description

The City of LaBelle identified a series of vulnerabilities to their drinking water system following Hurricane Helen and Milton. The City recently drafted a planning document and hydraulic model that described improvements to the City's drinking water system with the overall objective of improving system reliability, resiliency, and redundancy that will help to prevent operational interruptions in the event of a flood or natural disaster. The City of LaBelle has also been supporting (when possible) Hendry County through an emergency interconnect of the public water systems. The goal of this project is to add critical pipe redundancy within the distribution system, bolstering/augmenting the interconnect between the City of LaBelle and Hendry County, looping to facilitate reliability, redundancy, and pressure, valve replacement and adding additional finished water storage. All projects will include floodproofing of component structures and waterproofing of electrical equipment and circuitry, SCADA system for remote monitoring, control upgrades and cyber security improvements.

Location: (Lat/Long)

26°45'38"N 81°26'21"W

Water System PWS ID:

5260050

Project Cost:

Planning: \$112,500

Design: \$540,000

Construction: \$4,500,000

Construction Contingency: \$450,000

SDC: \$270,000

Asset Management Plan: \$75,000

Total Cost: **\$5,947,500**

Project Need:

Specific project elements that meet the program goals are listed below:

Drinking Water SRF

l. Projects that prevent interruption of water distribution system operation in the event of a flood or natural disaster, including but not limited to:

g. Installation/construction of redundant distribution system components and equipment

This project would install redundant distribution system components in critical sections of the City to improve pressure, volume, and emergency response.

h. Construction of interconnections with neighboring water systems which could provide an emergency water supply

This project would improve/augment the interconnections between the City of LaBelle and Hendry County to provide improved pressure and volume for emergency interconnections between the communities.

i. SCADA system projects to allow remote or multiple system operation locations

This project would install an improved SCADA system to key water distribution equipment in the City including but not limited to the water treatment facility, pumping and storage facilities.