

RESTORE Act Interest Form

Please fill out the form below to express your interest in funding a project or proposal from the RESTORE Act.
(Additional pages may be used, if needed.) Completion of this form does not guarantee funding.

Project Name: **Golden Gate City Stormwater Improvement Project**

Project Sponsor: **Collier County Natural Resources**

Contact Person: **Jerry Kurtz**

Address: **2800 N. Horseshoe Dr., Naples, FL 34104**

Phone: **(239) 252-5860**

Email: **GeraldKurtz@colliergov.net**

Project Type according to the **Allowable Uses** for RESTORE Act Funds:

- *Restoration and protection of the natural resources, ecosystems, fisheries, marine and wildlife habitats, beaches, and coastal wetlands of the Gulf Coast region*
- *Mitigation of damage to fish, wildlife, and natural resources*
- *Implementation of a federally approved marine, coastal, or comprehensive conservation management plan, including fisheries monitoring*
- *Workforce development and job creation*
- *Improvements to or on State parks located in coastal areas affected by the Deepwater Horizon oil spill*
- *Infrastructure projects benefitting the economy or ecological resources, including port infrastructure*
- *Coastal flood protection and related infrastructure*
- *Activities to promote tourism and seafood in the Gulf coast region*

The Board of County Commissioners has adopted **Guiding Principles** relating to project proposals:

1. *Projects provide positive environmental and economic benefits, including job creation.*
2. *Projects are consistent with local government comprehensive plans and community priorities.*
3. *Projects incorporate other funding partners to fully leverage grant resources.*
4. *Projects meet the funding criteria set forth in the RESTORE Act.*
5. *Projects selected will be diverse and address all our community's eligible needs, including coastal and ecosystem restoration and development, flood protection, and tourism promotion.*

Project location (attach map if applicable):

Project Description (describe how the proposal applies to an **Allowable Use** & a **Guiding Principle**)

Total Cost: Additional Funding Partners or sources of matching funding if available (RESTORE Act funds):

Suggested implementation timeline:

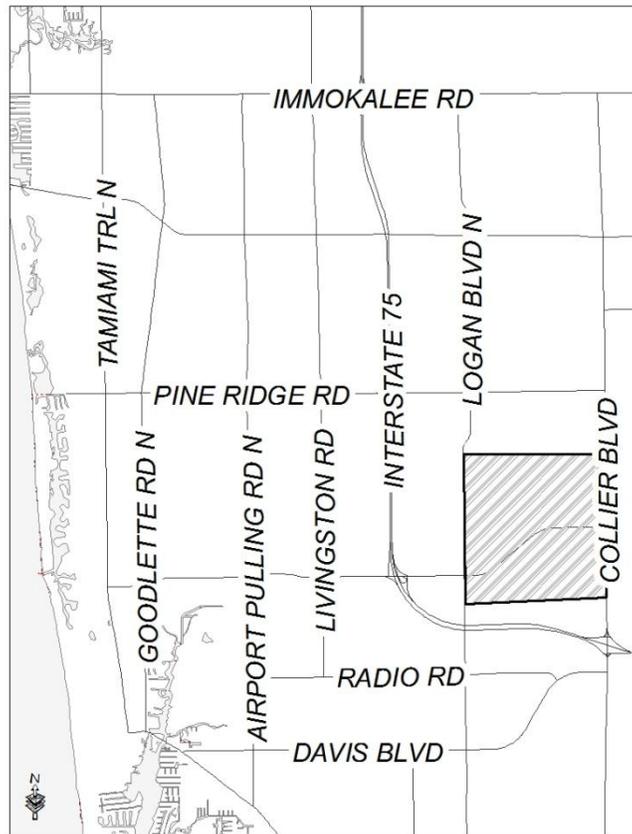
Mail completed form to:

William Lorenz, Director
Natural Resources Department
2800 North Horseshoe Drive
Naples, FL 34104

For additional information please call 239-252-2951 or 239-252-8113

PROJECT LOCATION:

This project is located within the four (4) square mile area known as Golden Gate City in Collier County. This area is bounded by CR 951 to the east, Santa Barbara Blvd. to the west, Green Blvd. to the north, and Golden Gate Main Canal to the south. It is located in Sections 21, 22, 27, and 28 of Township 49S, Range 26E. The Golden Gate City canal system discharges into the Golden Gate Main Canal which flows into the Gordon River and Naples Bay.



PROJECT DESCRIPTION:

Within the four (4) square mile area of Golden Gate City there are approximately one hundred forty (140) underground storm sewer pipe systems of varying lengths designed to convey stormwater runoff from neighborhoods and county maintained roadways to the canal system. These pipe systems include components such as inlets or catch basins, pipe segments, and outfall headwalls. Installed in the early nineteen sixties (1960s), most all of these systems have exceeded their typical life span and are in need o replacement.

Numerous reports are received each year of pipe segment failure resulting in areas of ground subsidence within the Golden Gate City area. Small areas of soil and or pavement sink to the bottom of old collapsing pipes creating a safety issue. Most of the original pipes installed were made of corrugated metal and have significant levels of corrosion resulting in structural failure and ground collapse.

The project planning effort is complete. Every pipe system has been located and inventoried. All junction boxes and catch basins, basically all structures between pipe runs, have been structurally evaluated and rated as to their current condition. A program approach plan has been created to use as a basic guide. Based on data gathered from this effort, pending probable costs and available funding, stormwater staff will propose replacement plans, for a specific amount of outfall pipe and associated structures each year. Alternate pipe material such as HDPE, PVC, or concrete will be installed. Also, stormwater best management practices will be incorporated into each replacement location if possible providing an overall improvement to the water quality of the canal system. (**Allowable Use #1 & 6**)

Project components could include miles of roadside swale reconstruction designed to capture and treat stormwater runoff prior to discharge into the canal system. All proposed replacement catch basins and junction boxes may be designed to have sediment trap capacity to reduce pollutant loading of the canal system.

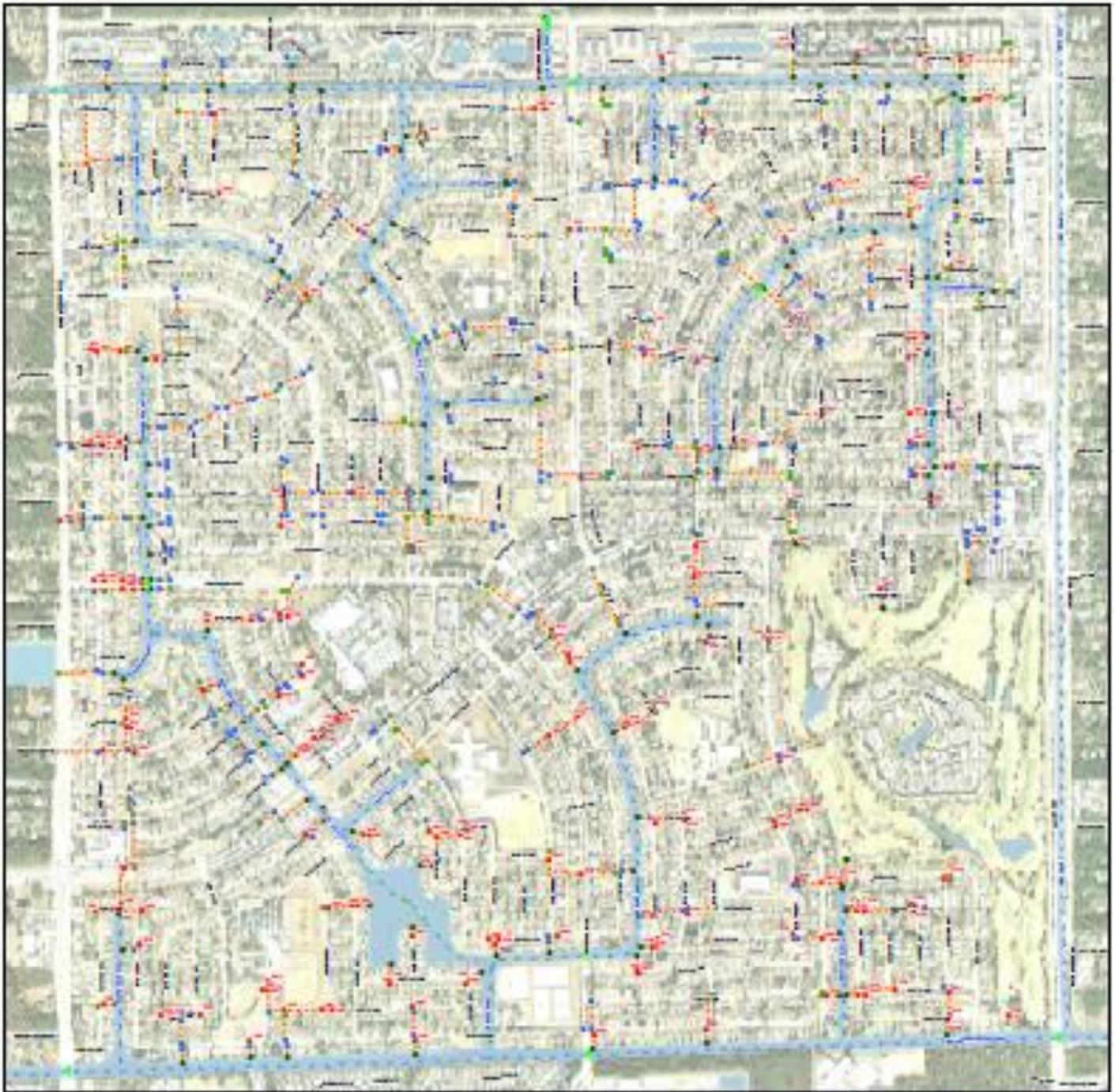
TOTAL COST:

The total preliminary construction cost estimate is \$15 million. Assuming design and permitting will be an additional 10% or \$1.5 million, and construction engineering and inspection services will be done using existing county staff, the total program cost estimate is \$16.5 million

SUGGESTED IMPLEMENTATION TIMELINE:

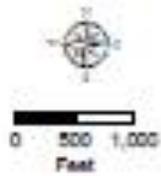
The project is currently underway and funded at the \$500,000 level. It is anticipated to fund additional years at approximately the \$1.0 to \$1.5 million dollar level, contingent on future stormwater budget approval. The estimated project time frame based on this funding level projection is 10 to 15 years (completion by 2023 – 2028). Should RESTORE Act funding become available the project's implementation timeline could be accelerated.

Golden Gate City Existing Stormwater Infrastructure



Legend

- Outfall points (141)
- Bridges
- Structure**
- Good Condition (155)
- Fair Condition (370)
- Poor Condition (192)
- Pipes (Condition TBD)**
- - - Pipe and Culvert (91102.5 FT)



Collier County

Prepared by:
Stormwater Infrastructure Planning Branch
Land Management Services Section
South Washington Plaza
April 22, 2013

Requirements for good condition structures

Structure in good condition

Structure in poor condition