

Golden Gate City Water Resource Protection Restoration Master Plan

Golden Gate Civic Association Meeting – November 10, 2025

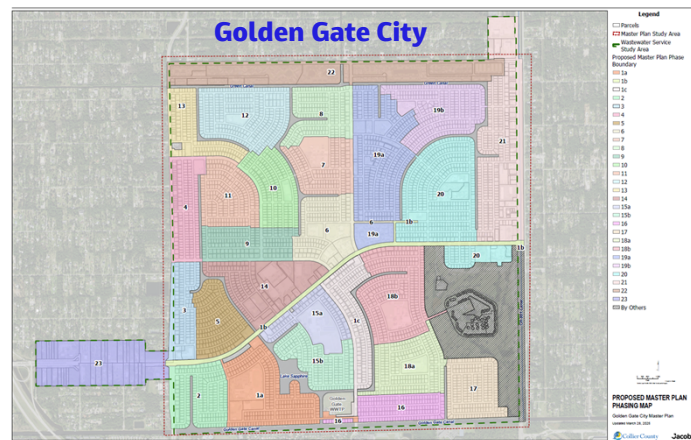


1

Agenda

- Project Overview
- Project Approach
- Proposed Phasing Plan
- Funding Sources
- Public Involvement
- Project Status and Next Steps

2



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Square
Miles

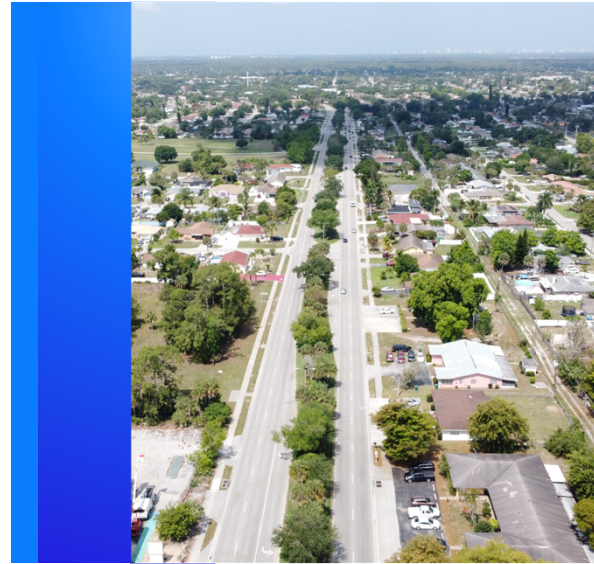
Population:
23,000

2

What is the Golden Gate City Master Plan?

A master plan to integrate needed improvements within Golden Gate City for infrastructure within the right-of-way such as:

- Potable Water
- Wastewater
- Stormwater
- Pavement and Landscaping
- Lighting
- Sidewalks, bike paths, transit (multimodal)
- Other utilities (fiber optic cable, irrigation, etc.)



3

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Golden Gate City Water Resource Protection Restoration Master Plan

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION Standard Grant Agreement			
The Agreement is entered into between the Project named below, pursuant to Section 218.01, Florida Statutes.		Project Number	
1. Project Title (Project)		Agreement Number	
Collier County Golden Gate City Water Resource Protection/Restoration Master Plan		LPA0268	
2. Project State of Florida Department of Environmental Protection 2000 Constitution-Only Budget and California Florida State 2000		(Department)	
County Name: Collier County		BIDDY Type: Local Government	
County Address: 2885 South Horvath Dr., Naples, Florida 34104		FEED	
3. Agreement Begin Date		Date of Expiration	
Open Expiration		December 31, 2024	
4. Project Number		Project Location(s)	
2000000000		L.P. (in 2000, 40, 700)	
Project Description: The County will develop a Water Resource Protection/Restoration Master Plan for the community of Golden Gate City.			
5. Total Amount of Funding		Amount per Agreement	
\$500,000.00		\$500,000.00	
L.P. State (Federal)		L.P. State (Federal)	
L.P. State (Federal)		L.P. State (Federal)	
L.P. State (Federal)		L.P. State (Federal)	



Project Timeline

**2017
2018**

Collier County acquired Golden Gate Utility System from Florida Governmental Utility Authority (FGUA)

2021

Collier County applied for FDEP Grant

2022

Collier County awarded FDEP Grant

2023

Solicitation for Master Plan

2024

NTP for Master Plan

4

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Project Approach



Review and Integrate Previous Studies

- Wastewater Master Plan
- Water Master Plan
- Stormwater Master Plan
- Walkability Study
- Beautification Master Plan



Analyze Additional Infrastructure Needs

- Lighting
- Irrigation – reclaimed water from WWTP
- Fiber – utility monitoring (SCADA)
- Roadways
- Landscaping



Develop Overall Phasing Plan

- Prioritize and sequence projects
- Efficiently implement improvements
- Reduce impacts to community during construction



Why the Master Plan? Because "Sequence of Construction" is critical to success of project!

Phasing:

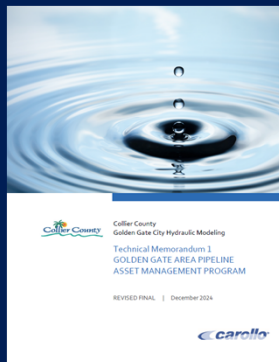
- ✓ Reduces Costs
- ✓ Reduces Impacts
- ✓ Garner Positive Public Support

5

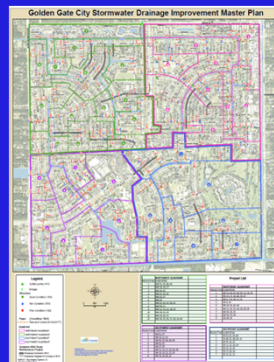
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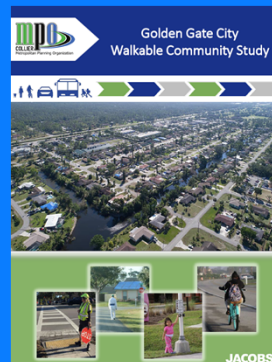
Review of Existing Master Plans and Studies



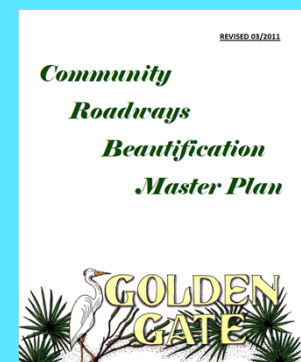
**Technical Memorandum 1:
Golden Gate Area Pipeline
Asset Management
Program**



**Golden Gate City
Stormwater Drainage
Improvement Master Plan**



**Golden Gate City Walkable
Community Study**



**Community Roadways
Beautification Master Plan**

6

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Review of Existing Master Plans and Studies (cont.)

Golden Gate Wastewater Treatment Plant Expansion - Preliminary Design Report

Golden Gate Wastewater System Master Plan

Golden Gate City Stormwater System Inventory and Master Plan

Golden Gate City Outfall Pipe Replacement Final Construction Plans

7

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7

Water/Wastewater Systems Recommendations - Updates and Analysis

Wastewater Master Plan

Map showing wastewater system layout with various colored zones and labels. Legend includes: Existing Station, Existing Public L.R. Station, Existing Private L.R. Station, Existing Force Main, New Force Main (Phase 1A), Proposed Force Main, Existing L.R. Station Improvement or Replacement, Existing L.R. Station and Connect, Proposed Force Main, Concept of Construction Line to Force Main, Existing Force Main to be Abandoned, Wastewater Service Study Area, Force Main Subarea Study Area.

Drawdown Testing

Photo showing a person operating a pump and measuring equipment for drawdown testing.

Water Master Plan

Parcel ID	Parcel Use Description	Number of Residential Units	Building (Sq')	Estimation Basis	Maximum Recommended Demand (MGD)	Non-Residential Demand (MGD)
0546610001	HOTEL, MOTEL	1	450,795	Avg of 200 gpd per room, 200 gpd per non-residential unit	174,776.55	0
0546610002	MULTI-FAMILY - FORTER THAN 50 UNITS	2	2,000	250 gpd per residential unit	500	0
0546700001	MULTI-FAMILY - FORTER THAN 50 UNITS	2	900	250 gpd per residential unit	500	0
0574400009	MULTI-FAMILY - FORTER THAN 50 UNITS	2	1,101	250 gpd per residential unit	500	0
0570000008	MULTI-FAMILY - FORTER THAN 50 UNITS	2	1,872	250 gpd per residential unit	500	0
0577000002	MULTI-FAMILY - FORTER THAN 50 UNITS	4	3,200	250 gpd per residential unit	1,000	0
0578000008	SINGLE FAMILY	1	1,198	250 gpd per residential unit	250	0
0580000005	MUNICIPAL, OTHER THAN PARKS, RECREATIONAL AREAS, COLLEGES, HOSPITALS	2		250 gpd per residential unit	500	0
0580000007	MUNICIPAL, OTHER THAN PARKS, RECREATIONAL AREAS, COLLEGES, HOSPITALS	2		250 gpd per residential unit	500	0

Technical Memorandums on Updates

Golden Gate City Water Resource Protection - Restoration Master Plan

8

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Other Infrastructure - Updates and Analysis



Lighting Study Analysis



Walkability

Updates to Sidewalks, Bike Lanes, Transit, Landscaping



Pavement Evaluations



Figure 3. Longitudinal Cracking
Photo location: Intersection of 17th Ct SW and 44th Terrace SW



Fiber Optic Cable

Develop Recommendations for Pump Stations



Irrigation Quality Water

Develop Recommendations for Landscaped Medians, etc.

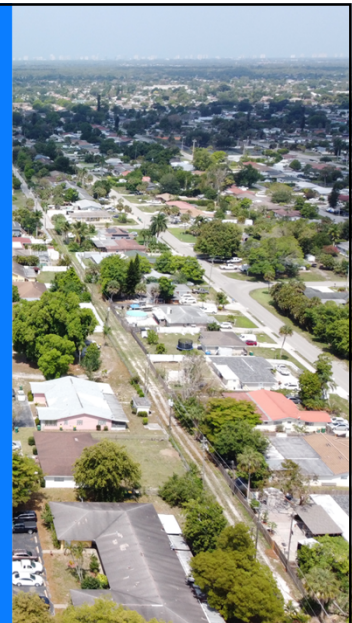


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9

Phasing Plan



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Proposed Master Plan Phasing



11

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Proposed Phasing Plan and Existing Projects

Planned and completed projects are reflected in phased improvements

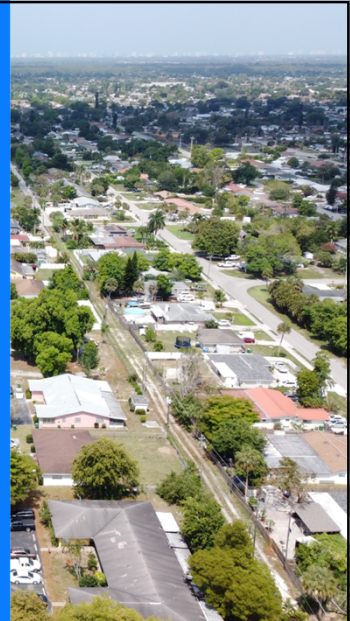


12

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Funding Sources



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Potential Funding Sources

- Divided into:
 - Grants
 - Loans
 - Other funding sources / mechanisms

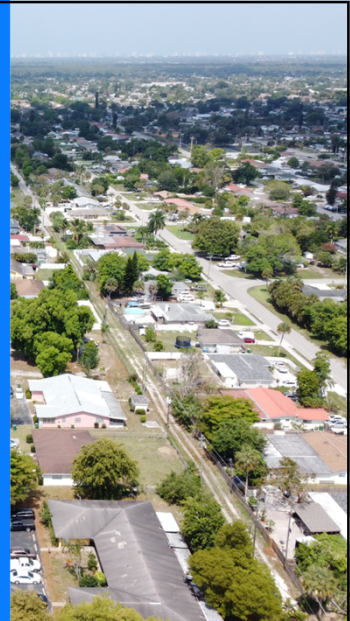
Recommended Funding Source	
Environmental Protection Agency Community Grants	BRIC = Building Resilient Infrastructure and Communities
FEMA BRIC and FMA or related future FEMA Mitigation Initiative	
Protecting Florida Together Grants	CDS = Congressionally Directed Spending
Clean Water and Drinking Water State Revolving Fund	CPF = Community Project Funding
Collier County General Fund	FEMA = Federal Emergency Management Agency
Collier County Water Sewer District User Fees	FMA = Flood Mitigation Assistance
Collier County Impact Fees	N/A = not applicable
Land and Water Conservation Foundation Outdoor Recreation Legacy Partnership Program	Availability and terms of specific sources are subject to change or may persist under a different name
Future Sales Surtax	
EDA Public Works and Economic Adjustment Assistance Programs	
SFWMD Cooperative Funding Program	
Community Grant Earmark (CPF and CDS)	
State Appropriations Line Item	
HUD Community Development Block Grant	

14

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14

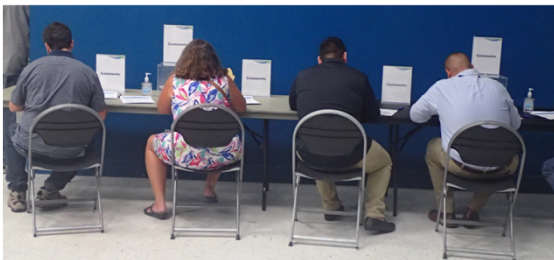
Public Involvement



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Public Involvement



Website:
<https://www.collier.gov/County-Development/Transportation-Management/Traffic-Operations/Transportation-Planning/Transportation-Planning-Studies>

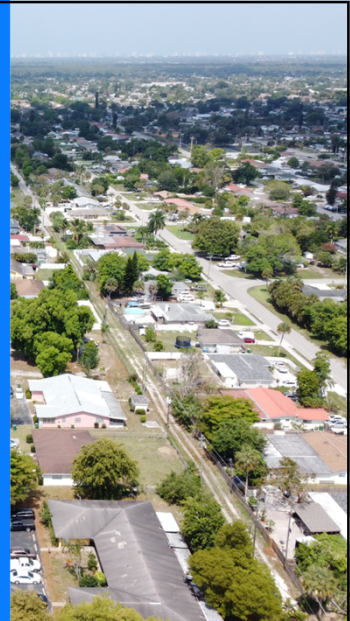
- Meetings with leadership and agencies
 - Coordination with County leadership, elected officials, Golden Gate Civic Association, etc.
- Project Website
 - Project information and contact information publicly available
- Public Involvement Meeting(s)
 - Present the draft Master Plan and proposed recommendations to the public
- Public Comment and Inquiry Log

16

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Next Steps



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Next Steps

- Collect and evaluate public comments
- Finalize Master Plan/BCC Approval
- DEP Submittal
- Implementation based on Funding



18

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18

Questions?

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