

Edgewater Drive Utility System Improvements

Organization & Contact: Utilities – Dave Watson, Dave.Watson@charlottecountyfl.gov, 941-764-4507

Area: Mid-County

Location: Edgewater Drive (Flamingo Boulevard between Samantha Avenue and State Road 776)

Category: Infrastructure and/or Water Quality

Focus Area(s): Infrastructure

Need:

Utility system improvements, including potable water, sanitary sewer, and reclaimed water

Purpose:

As a result of the Flamingo Boulevard/Edgewater Drive road-widening project, the project will require utility relocations, adjustments (new, replacement, or removal of existing infrastructure), upsizing, and extension of utility facilities within the project limits.

Objectives:

Construction of approximately:

- New reclaimed water main from Midway Boulevard to El Jobean Road (S.R. 776).
- Replace the existing 12-inch water main from Midway Boulevard to Collingswood Boulevard
- New water main along Edgewater from Collingswood Boulevard to El Jobean Road (S.R. 776)
- Replace the existing 10-inch force main from Midway Boulevard to Collingswood Boulevard
- Design a new force main from Christopher Waterway to Collingswood Boulevard.
- From bridge to Collingswood Boulevard, extend the previously designed vacuum sewer from the south right-of-way of Edgewater Drive to all existing homes/lots that front Edgewater Drive. Extend the vacuum sewer down each right-of-way of each crossroad for future connections.
- Extend existing gravity sewer from Midway Boulevard to the bridge, stub-out to side streets.

Project Cost Prior Funding:	\$0
Project Cost Prior from Sales Tax:	\$0
Total Project Cost:	\$25,000,000.00
Project Cost Required New Sales Tax:	\$10,000,000.00
Annual Operating Cost:	\$100,000.00

Will the project impact public health and safety? If so, how?

Yes, improved drinking water. Safer, more reliable supply with reduced leaks and contamination. Better fire protection through hydrant upgrades.

Better sanitation. Fewer sewer overflows mean cleaner neighborhoods and waterways.

Environmental stewardship. Reclaimed water reduces demand on freshwater, supporting sustainable landscaping and conservation.

Storm Resilience. A reliable pump station helps prevent flooding and sewer backups during heavy rains.

These upgrades protect public health, the environment, and community resilience.

Will the project foster economic development and create long-term jobs? If so, how?

Supports development. New water, sewer and reclaimed water mains make it easier for residential, commercial and industrial projects to move forward.

Attracts investment. Developers are more likely to build where utilities are modern and sized for future capacity. Growth brings permanent jobs in retail, industry and logistics, plus ongoing maintenance jobs for the new infrastructure.

Will the project result in decreased, increased, or no operation and maintenance (O&M) costs?

In the short term, O&M costs may decrease with newer, more reliable materials. However, as we add new infrastructure like pipes, valves, hydrants, and a pump station, overall maintenance costs will increase.

Project to be funded by the 1% Local Option Sales Tax Extension if passed by the voters of Charlotte County

Pump stations, in particular, require ongoing mechanical and electrical upkeep, driving future costs.

Is the project dependent upon or connected with the completion of another project?

Yes, Edgewater/Flamingo Corridor Phases 3 and 4.

Will sales tax allow for application of grant funds from another entity?

Sales tax may allow for grant funds from other entities (cost sharing).

Will the project enable furtherance of phased projects from 2020 sales tax extension?

Yes, funding from the 2020 sales tax has been allocated for Edgewater Drive Phases 3 and 4 road-widening.

Is this a joint project with another entity?

No.

Will the project meet a community obligation to serve a special needs segment of the County's population, such as: low-income, aged, or minorities?

No.

Is the project included in a Master Plan, Comprehensive Plan, or Capital Needs Assessment?

The road-widening project is included in MPO's long-range transportation plan, the Capital Needs Assessment, and the Capital Improvement Program

Will the project impact environmental quality of Charlotte County? If so, how?

Improved water quality. New potable water mains reduce contamination risks, providing safer drinking water.

Reduced sewage spills. Upgraded sewer mains and a new pump station lower the risk of overflows, protecting water resources.

Supporting water conservation. Reclaimed water mains promote water reuse for irrigation, easing demand on freshwater.

Overall, the project strengthens environmental resilience and supports healthier water systems for all.

Will the project improve quality of life in Charlotte County?

Yes, cleaner, more reliable drinking water through modern pipes. Fewer sewer overflows protect public health and the environment. Expanded reclaimed water use for irrigation, conserving freshwater. Stronger infrastructure to support growth and economic development. These improvements build a safer, healthier, and more resilient community.

Is the project state or federally mandated?

No.