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# *IMPROVEMENT PROJECTS*

3.1.2023

# APPROVED PROJECTS

UNDERWAY AND UPCOMING

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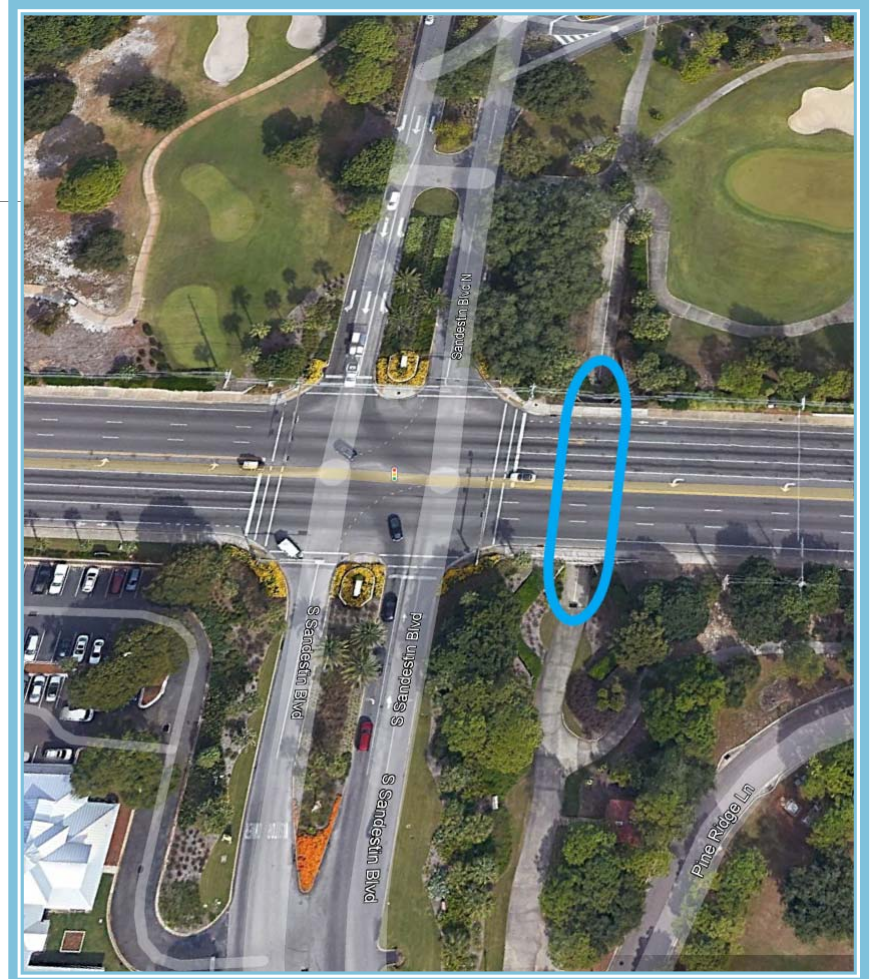


## Hwy 98 Tunnel Pipe Liner

**Project Purpose:**

2/23/2023 – The Board approved \$85K to insert a liner into the drainage pipe that goes under the tunnel.

3/2023 – This work is scheduled to be done March 23 and 24.



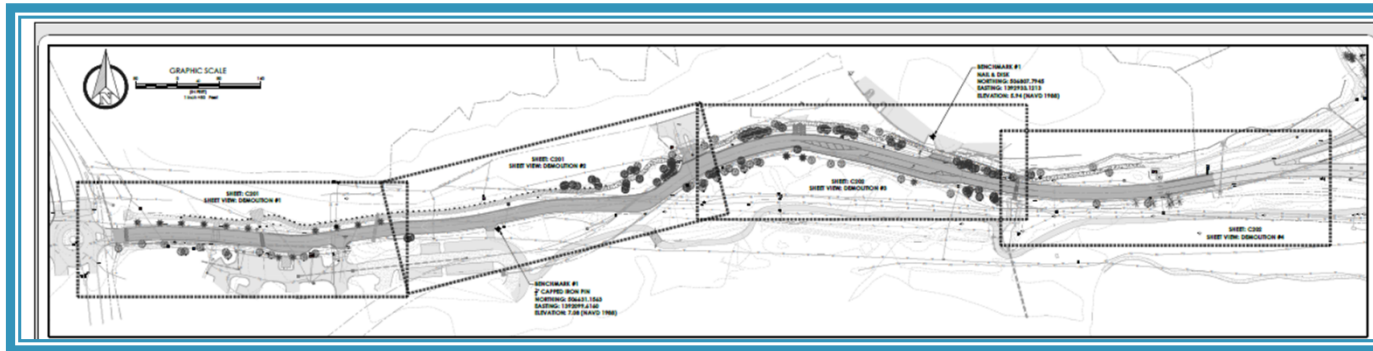
## Heron Walk Drive

**Project Purpose:** The combination of heavy traffic, very poor drainage, and the deteriorating road condition has necessitated the need for a new design that addresses all of the current short-comings. The engineer was tasked with coming up with a “utopian” design that would be financially and practically sensible.

7/2021 – The Board approved up to \$104K for engineering from the Undesignated Capital Contributions fund.

11/2022 – Due to concern with effects on traffic volume and negative impact at the east gate if Heron Walk Drive is closed, the Board decided to approach this project in phases.

2/23/23 – The Board approved \$9,050 for engineering of walkway and drainage improvements.



## South Pump Station

### **Project Purpose:**

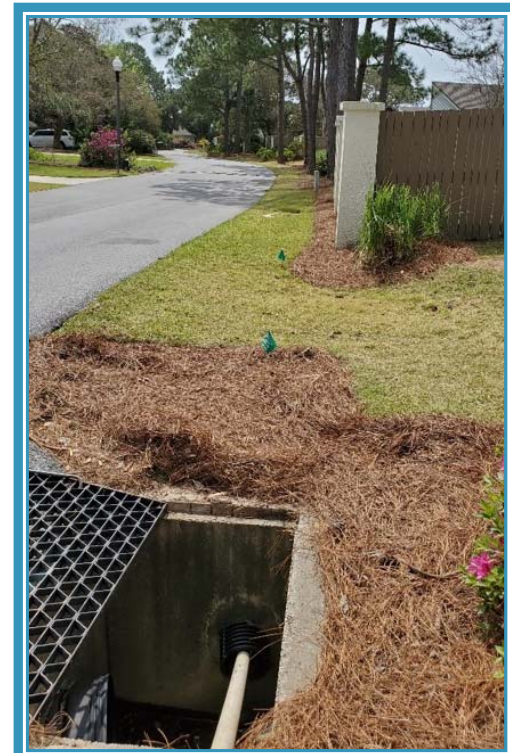
2/23/2023 – The Board approved up to \$32K from Reserves to replace the decks and one pump.



## *Golfview Drainage*

**Project Purpose:** Pine tree roots have caused damage to a main drainage pipe that handles stormwater for the southeast side of L'Atrium Drive.

2/23/2023 – The Board approved \$15K from Reserves to move forward with obtaining a stormwater design and construction plans.



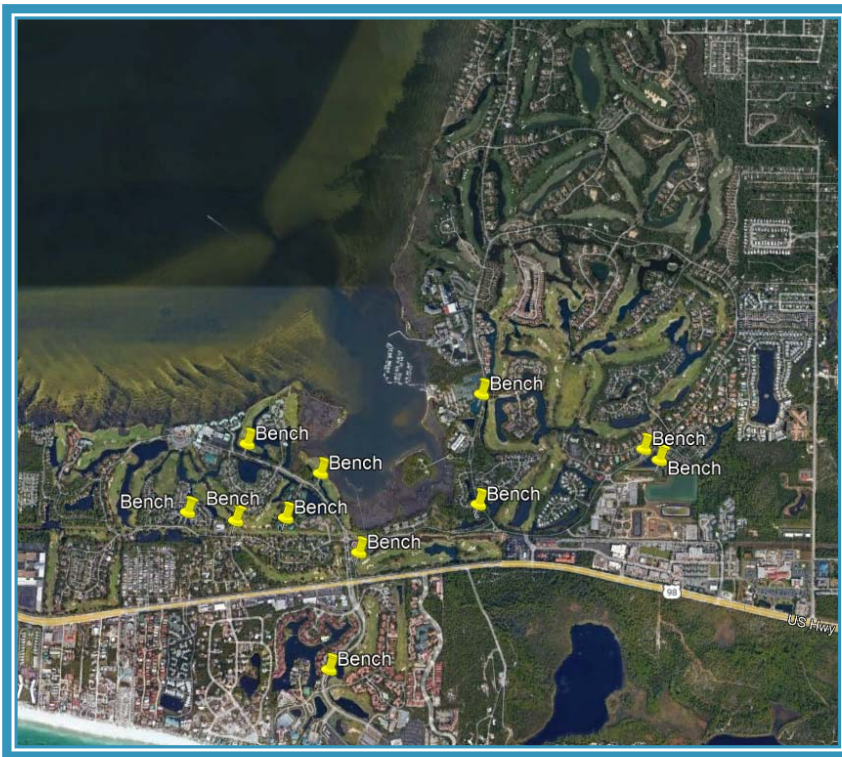
# FUTURE PROJECTS

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## Community Benches

### Project Purpose:

The Maintenance Committee is reviewing various areas throughout the community for new benches.

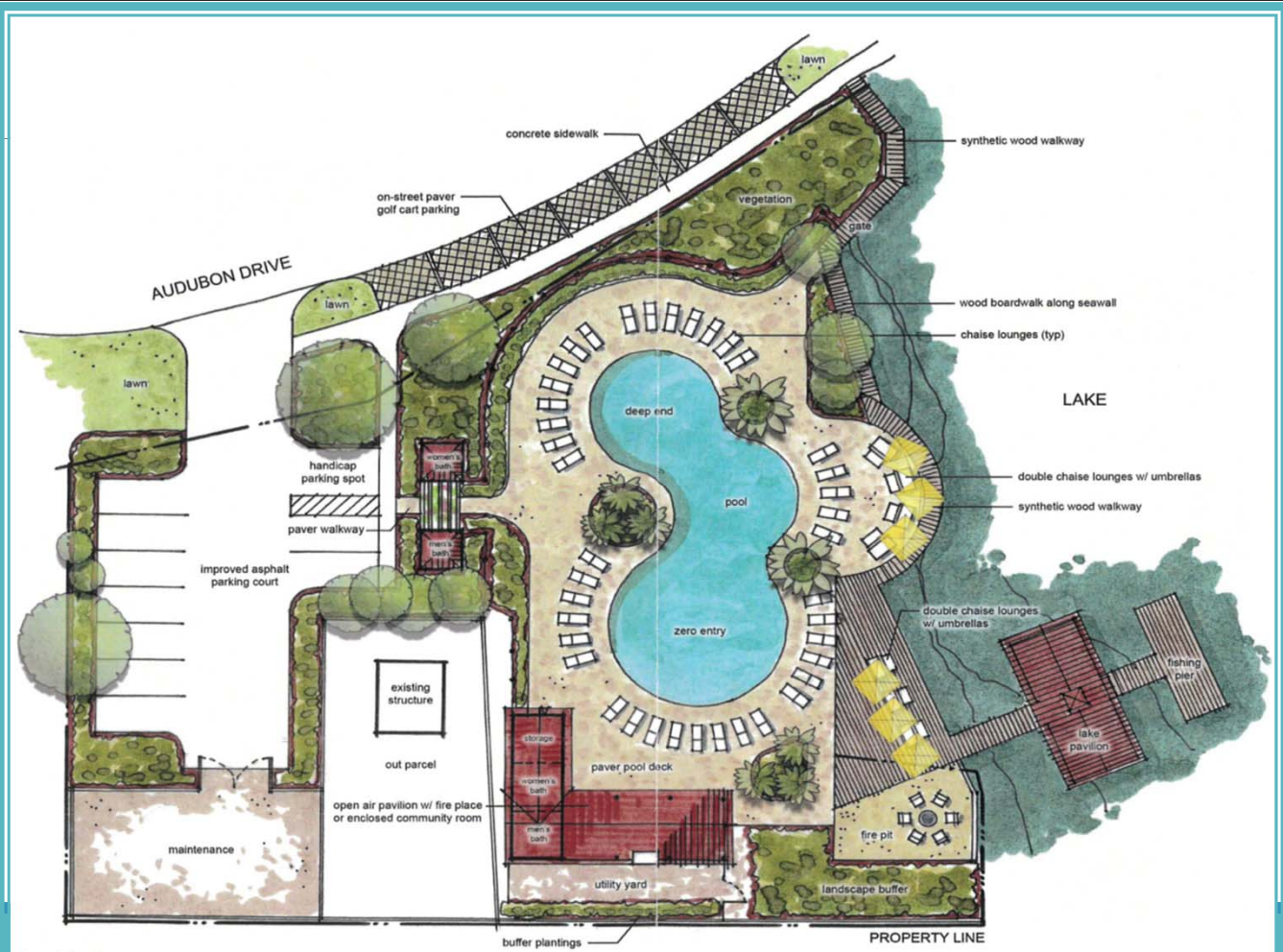




## SOA Pool 1 Redesign - Conceptual

### Project Purpose:

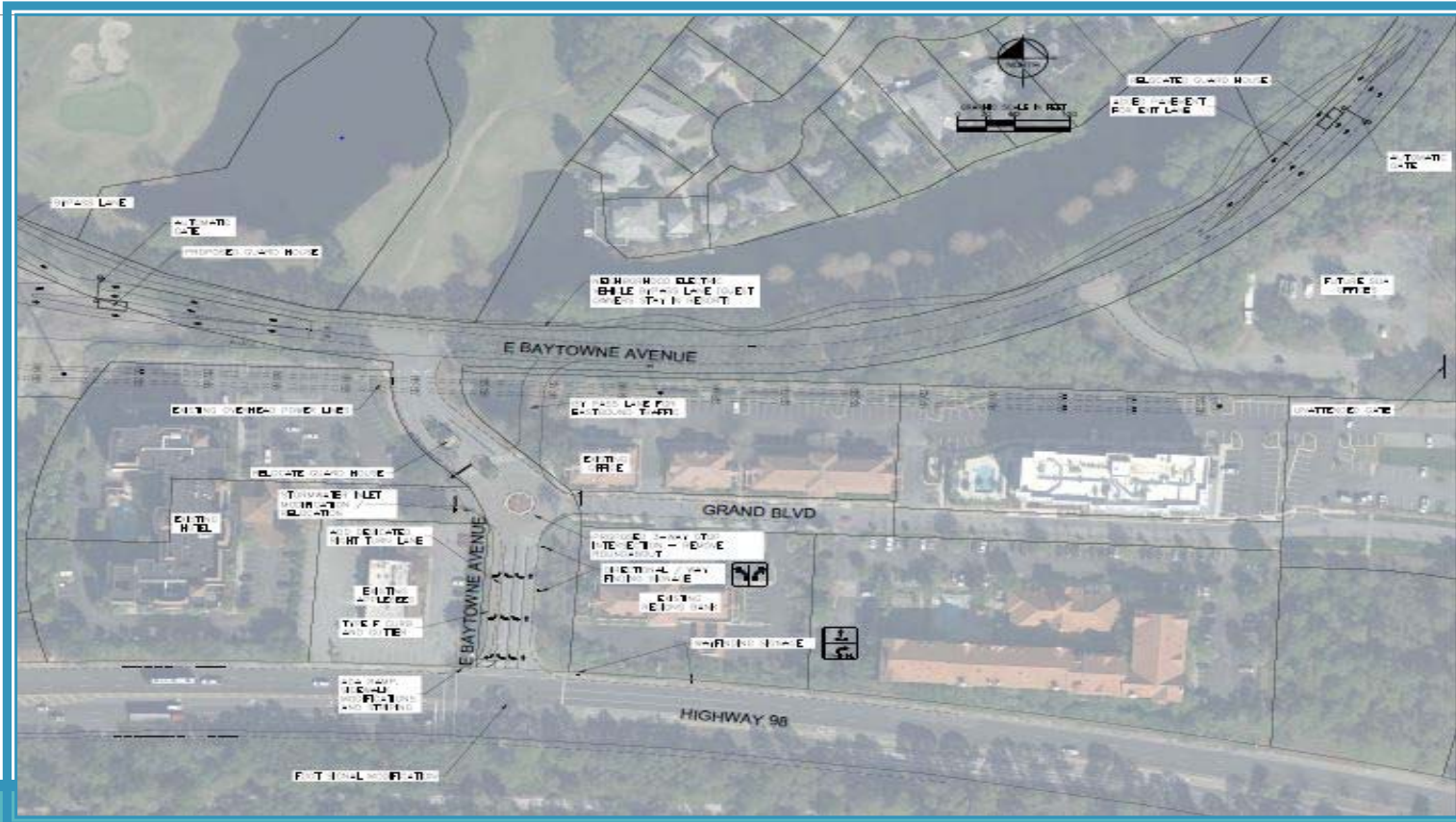
2/23/23 – The Board appointed an Ad Hoc Committee to review the conceptual plan that was created a few years ago and recommend a proposed redesign to the Board.



# East Gate Reconfiguration - Conceptual

## Project Purpose:

2/23/23 – The Board appointed an Ad Hoc Committee to review the preliminary conceptual design that was created by Kimley Horn. The plan includes adding additional left exit turn lanes and splitting the access into two entry points, which includes having two security gates. The additional gates would increase stacking room for inbound traffic.



## Way Finding Sign Redesign - Conceptual

**Project Purpose:** To update the current signage and provide a more cohesive look throughout the community.

Staff is currently working on pricing for final design and costs to be presented to the Board.



## *SOA OFFICE COMPLEX UPDATE*

Development Order has been issued. Cost estimates exceed \$8M. Board has tabled the project at this time due to estimated cost. (8/2022). Full set of construction documents will be completed should the Board decide to move forward at a later date.

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# COMPLETED PROJECTS 2022 AND 2023

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## RECLAIMED WATER - COMPLETE \*\*

**Project Purpose:** For three years in a row, Sandestin has exceeded the groundwater withdrawal limits of a consumptive use permit issued by the Northwest Florida Water Management District. Additional development within the resort and successively lowered withdrawal limits make the use of reclaim water in lieu of groundwater the most sustainable course of action. O'Connell Engineering has designed a system to pump reclaim water to four of the SOA's five pump stations that is independent of the Sandestin golf irrigation system. A booster station to aid pressure is also included in their design.

7/2021 - Up to \$1,896,868 approved from Undesignated Capital Contributions

\*\*2/2023 – Pending power connection install from FP&L



## THE BAYTOWNE DISCHARGE – COMPLETED 2/2023

**Project Purpose:** During previous storms, the height of the bay rose above normal high tide levels, causing saltwater to infiltrate The Fountains lake. This has caused salinity levels to rise to the point where barnacles are now thriving and reproducing rapidly. This has caused repeated blockages on the fountains that we have in the pond. Not only is it a detriment to the fountain motors, it is also a hazard to our employees who have to clean them due to the sharp exoskeletons of the barnacles. A method to prevent the saltwater from flowing into the lake system has been made a priority. The installation of a weir or check valves are the two solutions the engineer examined.

8/2022 – The Board approved up to \$282K from Undesignated Capital to install the check valves to prevent bay water from entering the lake.



BEFORE



AFTER

## *Baytowne Parcel Landscaping – COMPLETED 1/2023*

**Project Purpose:** The SOA obtained a parcel on Baytowne Ave., located north of The Bungalos, that was in need of landscape and irrigation revitalization. The majority of the existing vegetation is in very poor condition and the irrigation is totally unusable. Due to the surface roots of the Oaks, and the poor condition of them after Gulf Power did right of way trimming, these trees will not be able to be saved and replacing them with a different variety is recommended.

4/2022 – The Board approved up to \$60K from the Undesignated Capital fund. Project delayed pending FP&L boring project to be completed.

1/2023 – Project complete; however, hard freeze damaged new landscape material. Contractor currently evaluating for replacement.



BEFORE



AFTER





## *The Tunnel Drive Aisle Repair – COMPLETED 12/2022*

**Project Purpose:** Drainage pipe under the tunnel, that carries all stormwater from the south side of the community to the Bay, was failing, causing the concrete to sink.

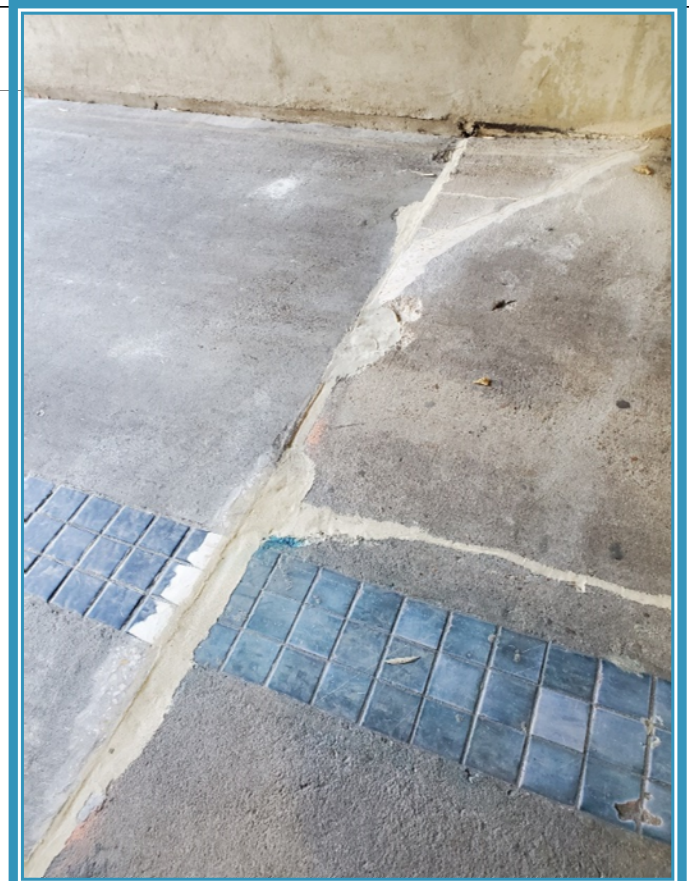
11/2022 – The cost of project was \$27K from Emergency Reserves.

Foam was injected to lift the concrete and, in the process, it filled some of the voids in the pipe preventing further leaking.

BEFORE



AFTER



## LINKSIDE DRAINAGE - COMPLETED 11/2022

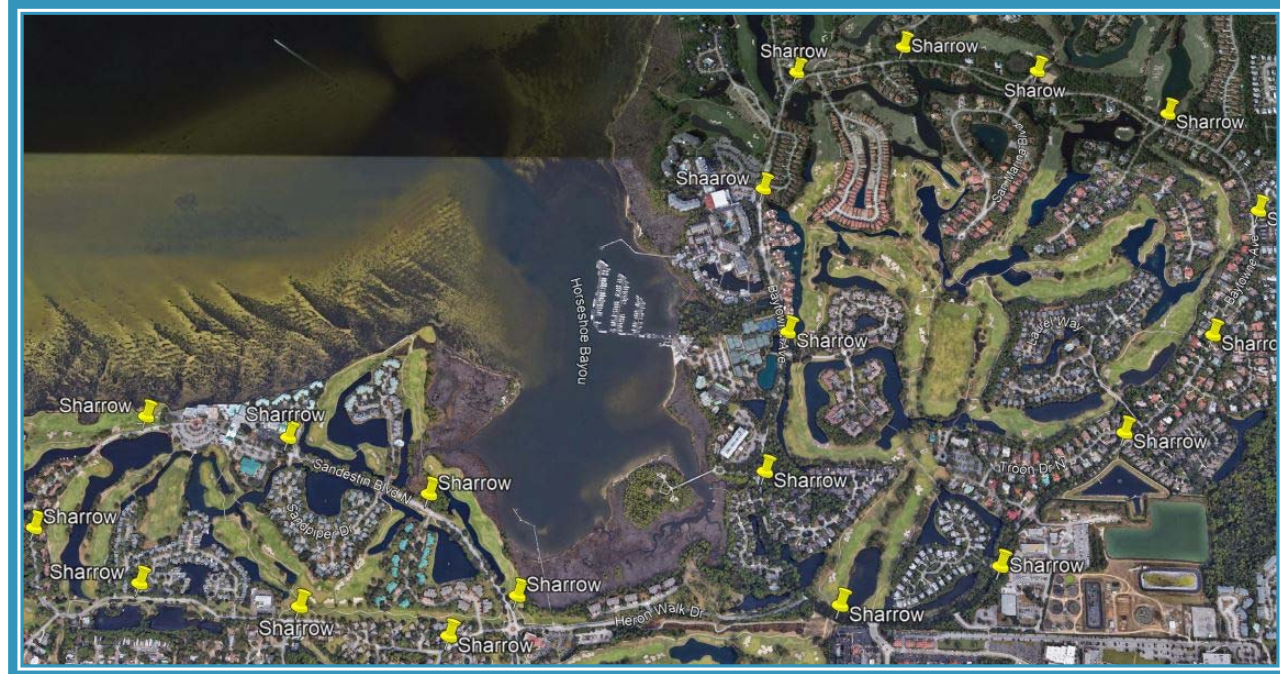
**Project Purpose:** After several homes flooded during Hurricane Sally, a request came from the Linkside HOA for additional drainage improvements to be investigated. Nautilus Engineering was tasked with examining their home, street, and lake elevations in order to come up with the an efficacious design to move storm water out of their neighborhood.

**10/2021 - Up to \$315K approved from Drainage Reserves**



## SHARE THE ROAD – “SHARROWS”

**Project Purpose:** To alert motor vehicle and golf cart drivers that the road is shared with bicyclist.



## CROSSWALK SIGNAGE - COMPLETED 4/2022

**Project Purpose:** A recommendation from the Mobility Study done in 2020 to improve safety for pedestrians and bicyclist throughout the community.

4/2022 - Board approved the funding of \$24,120 for five Rapid Flashing Beacons (RRFB) systems, by Solar Traffic Systems. The RRFB will provide a high visibility strobe-like warning to drivers when pedestrians use a crosswalk, along with current street signs. The systems will be placed at Sandestin Blvd South @ the Dunes, Audubon Drive @ Sandestin Estates, Heron Walk Drive @ the Welcome Center, Baytowne Ave @ St Andrews, and Baytowne Ave @ Legend Creek.

