



IMPROVEMENT PROJECTS

UNDERWAY AND FUTURE

(Updated 7/1/22)

APPROVED PROJECTS UNDERWAY AND UPCOMING

LINKSIDE DRAINAGE

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

6/2022 - Pipes have been replaced and new concrete structure finished. Contractor is starting second phase on Lake Golden where the outfall is located, including installation of retaining wall and new concrete discharge pad. On June 9th, contractor installed new deck railing where the old was removed at the inlet of Lake Oliver.



RECLAIMED WATER

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

6/2022 - Pumps on backorder and expected to be shipped 7/18.22. Pipe connections to existing reclaim lines are complete. Once pumps are onsite, the pipe connection to the new pumps will be made, along with installation of floating intake line at reclaim pond, followed by electrical connection by FPL.



CROSSWALK SIGNAGE

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.



ADDITIONAL APPROVED PROJECTS

Pictures coming soon!

TUNNEL CAMERA INSTALLATION –

Purpose: Improve safety for pedestrians, bicyclist, and golf carts while traveling through the tunnel.

Funding approved in May 2022 in the amount of xxx from xx.

6/2022 – Pending delivery and installation.

CHRISTMAS TREE REPLACEMENT

Purpose: Replace tree that is placed at the North Gate Entrance. Current tree is over 15 years old and is deteriorating.

5/2022 – Funding approved at a cost not to exceed \$60K from Undesignated Capital Contributions for a new S4 Tannenbaum 32' tree, 120 volts, with S4 Moravian Star, 48", 24 volts.

CRYSTAL LAKE I AND LINKSIDE STORM WATER PIPE LINING

Project Purpose: Recommendation from an inspection company to line two pipes due to the proximity to a home and pump station.

4/2022 - Board approved the funding of \$206,867, from Reserves, to line storm water pipes to prevent water entering the pipes from the lakes.



TENNIS VILLAGE/FOUNTAINS OUTFALL WEIR

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.

5/2022 Staff met onsite with engineer from Wapro Inc., the manufacturer of the alternate check valves (the originally specified check valve manufacturer increased pricing by over \$50K in a three-month period). The engineer from Wapro stated that their product would meet the specifications for our application. Nautilus Engineering has reached out to several contractors for installation pricing.



FUTURE PROJECTS

TUNNEL DRAINAGE IMPROVEMENTS –

Purpose: Improve drainage and safety on tunnel entry roads

Maintenance committee reviewing suggested options for improvements and will recommend a plan to the Board of Directors once pricing is received.