

Update from Burnt Store Isles Canal Advisory Committee

Mike McIntosh, Chairman

1. MSBU for 2020 = was \$550.00/year (\$90.00 for rim canal dredging project loan)
2. MSBU for 2021 = \$460.00/year (The rim canal dredging project loan is paid off)
3. The City of Punta Gorda currently replaces approximately 1000 linear feet of seawall per year
4. BSI seawalls were originally installed in the 1980 with an Estimate life span of approximately 50 years.
5. BSI still has 17,317 linear feet of Original Seawalls standing. These seawalls are inspected by City Staff and rated 0-5 with 5 being the worst walls

As of the 2019/20 seawall assessment BSI has:

A.Rated #0 0 feet

B.Rated #1 0 feet

C.Rated #2 14,324 feet

D.Rated #3 2,445 feet

E.Rated #4 548 feet

F.Rated #5 0 feet

6. To continue replacing BSI seawalls at our current rate of approximately 1000 linear feet a year would take 17 years to replace them.
7. Therefore, the question arises, do we continue with our current rate of replacing seawalls or gradually increase the yearly rate of old seawalls before they fail?

Options:

- A. Continue at same rate of seawall replacement (I.e. Replacement rate MAY double or triple down the road which is related to double or triple yearly MSBU cost)
 - B. Increase seawall replacement yearly from 1000 linear ft to 1311 linear feet per year at a cost increase of \$100.00 per year { $\$460.00 + \$100 = \$560.00/\text{yr}$ }
 - C. Increase seawall replacement yearly from 1000 linear ft to 1473 linear feet per year at a cost increase of \$150.00 per year { $\$460.00 + \$150 = \$610.00/\text{yr}$ }
8. Future Considerations: City Staff has ESTIMATED that the empty staging lots in BSI will last approximate another 5-7 years
 - A. Planning for future disappearing staging lots (for seawalls, docks, and lift materials) will include widening the Inlet (old lock) to Alligator Creek and widening 4 rim canal corners that would allow large barges to make the turns. When staging lots disappear, then materials will have to be transported into the canal system on larger barges.

Proposed Inlet widening information www.ci.punta-gorda.fl.us/home/showdocument?id=10915

- B. The Draft alternative seawall study is complete. The study will be available on line after the final version is ready. City Staff and CAC members have agreed that it is most feasible/financial beneficial to continue using cement seawalls which are manufacture by city staff. Improvements to the current seawalls as recommend by the study will include a using a curing compound, upgrading the cement from 3000 psi to 5000 psi, and lowering the drain hole.
 - C. With the need to fund the Inlet, and corner widening projects in the future, an increase in yearly MSBU will have to be revisited in the future, or we can vote to increase the MSBU modestly now and starting putting funds up. These projects have been discussed and the inlet widening is in the permitting phase only.
9. The Canal Advisory Committee has made a recommendation to go with option 7B above to increase the MSBU in 2022 physical year by \$100.00 totaling a yearly MSBU at \$560.00/year to increase the annual seawall replacement to approximately 1311 linear feet with the new study recommendations for cement panels.
- A. City council will have the final vote on what to accept.
 - B. This MSBU increase if accepted by City Council, would not go into affect until 2022 taxes
 - C. The Burnt Store Isles Canal Advisory Committee would like to keep the community informed of future plans and welcome citizens comments at our monthly CAC meetings

The next BSI-CAC meeting is 10 November 2020 at 1:30pm held at City Council Chamber/City Hall if anyone would like to attend to ask any questions or make comments. Masks are required in City Hall.

BSI-CAC website

www.ci.punta-gorda.fl.us/government/public-works/canal-maintenance/burnt-store-isles