

THE GREAT BAY LIVING SHORELINE PROJECT



Schanda Park Further Recommendations

Below are ideas, suggestions, and comments provided by the GBLS program coordinators and attendees of the final GBLS workshop held on April 8, 2022. This feedback was generated largely in response to the Design Team's final presentation as well as review of their suggested living shoreline design memo and plans.

Schanda Park Positives

- Appreciated the attention paid to upstream and adjacent properties/conditions.
- Nice plan/section graphics/renderings.
- Explaining shoreline and connection pedestrian circulation.
- Beautiful drawings and illustrations, detailed and thoughtful design, design to encourage sediment accretion in salt marsh - very important.
- Really liked the plan view/callout detail, graphics. The fencing along pedestrian access at south living shoreline was a good idea to limit foot traffic.
- Consideration of how sediment will accrete in the future.
- Liked what the team proposed with the site limitations.
- Consideration of Moonlight Brook.
- Good renderings and slides-helped paint a good picture, quickly. The recognition of the potential impacts of Moonlight Brook and the work that it still needs.
- Integration of ecological improvements and water access.
- Loved the diversity of treatments for such a small area.
- Kudos for threading through constraints and goal to arrive at a decent fringing marsh. I like the kiosk, boat ramp modifications, parking lot fixes, rock sill, coirs.
- Great job accommodating the landowner and site constraints by designing the living shoreline and park upgrades in several phases.

Schanda Park Suggestions

- Consider rocks at the lower edge and mid to disrupt river ice. Do they get reused? What happens to large rocks on site?
- Seems like this project - if all parts implement- would take 5+ years to materialize...consider "adaptive pathway"?
- How "flashy" is the hydrology of Moonlight Brook? Lots of impervious surfaces upstream? Besides, SLR, the increasing intensity/volume of stormwater runoff to the Brook seems like it could make the proposed living shoreline areas (in the 'delta') very difficult to establish/adapt-in-place.



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- Vegetation buffer around parking lot (shade).
- Park is located on the outer bank of a bend in the river; you might anticipate erosive forces on the waterside features - should you incorporate armoring, or opportunities for migration of shoreline?
- How would the toe hold up to velocities at outer bend of river?
- Permeable pavement to reduce stormwater runoff erosion and improve water quality.
- How can the restored marsh serve a public use function? Edible plants? Footpaths along coir logs? Tough question.
- Should sea-lavender and American glasswort be installed within the high marsh zone of the living shoreline rather than the low marsh zone?
- Evaluation of visibility of building out the bank and river current. Feasibility of incorporating wave screen with the pier to provide wave dissipation for the build out.
- This project would take many months for planning and construction. Gaining local stakeholder support is critical for every step of the way, especially since this park is heavily used. The team should consider timing of the project and how it may impact summer activities at the park.
- For the purpose of this program, the team identified Moonlight Brook as a potential concern but determined it was out of scope for the GBLS project. In terms of phasing, it would make sense for Moonlight Brook to be addressed prior to Schanda Park, how would improvements to Moonlight Brook affect the living shoreline design? Would this living shoreline design still be viable in 5 years down the road? 10 years?
- What would the no action alternative look like at Schanda Park in 2050 and beyond?
- If you cannot place fill in the northern section of your design, is there an alternative approach to create living shoreline there?

Schanda Park Presentation Questions

Q: Will this work conflict with the fishing weir at the ramp area? Who is the operator/owner of the fishing weir? Native American or local resident?

A: The weir is long operating weir that is owned by a local resident. The one potential conflict is that the weir is currently stored on the shoreline in the area that was suggested for a created marsh area. It's the winter storage of the weir, not the operation that would be potentially impacted. This is one of many things that would need to be explored further if the town chooses to pick up some of these design ideas.

