**BOD Beach Presentation August 31, 2019 Meeting**

GOALS from September 19,2016

1. Stop sand erosion into lake so as to provide for a usable sandy beach.
2. Provide maintainable, multi-use recreation area within state guidelines.

REQUIREMENTS

1. Swimming area
2. Boat launch area
3. Marina removal space
4. Marina storage area
5. Kayak and canoe storage
6. Tetherball game area
7. Unpaved basketball net area
8. Shaded seated area- added later

As a result of many months of meetings, planning, and reviewing application submittals, the committee recommended an erosion resistant plan that included regrading the entire beach area and providing a large grassy area.

The Board received their recommendations (that will lead to fulfilling the two goals) at the July 2019 annual HVPOA meeting and therefore the Beach Committee task is complete. All questions regarding the Beach One Project work should now be directed to the HVA Board.

The remaining Project Management details will be completed by the board as was done for the 2nd Beach project. Going forward Ron M and Bob S will represent the BOD interfacing with White Mtn Survey and future vendors.

The next steps, **after we receive Wetlands permit**–

 RFQ letter to be sent out by White Mtn end September/ early October 2019. (HV needs input submitted by Sept 15th.)

White Mtn hold mandatory site visit with interested vendors 2 weeks after RFQ sent out. By mid Oct 2019.

Receive quotes by mid-Nov 2019?

Select contractor January 2020?

Present costs to HVPOA at annual July meeting/ seek project approval- July 2020

Project construction start September 1, 2020, complete by September 15, 2020 to allow for grass/sod installation & growth before cool nights . Remove all boats, marina, docks early.

Today I’ll discuss some details of the plan along with items is to be contained in the letter.

General philosophy- Second beach set the style of using natural products with minimum amount of maintenance and avoiding future replacement. It will also be an attractive area to spend the day in a “Park like” environment.

Some Specific Issues.

1. Size of Sandy Beach Area on plan shows 10-12ft. How was this determined?

-Beach Committee held with White Mtn/Jim Rines Aug 30, 2018 -a perch beach was presented. Committee inquired perch beach alternatives- the solution of regrading the entire area turning it into a grassy with a much smaller sandy beach (a Tapered Beach) area of 10 to 12/15ft. The Committee agreed with the no perch beach solution, so the plans were drawn up accordingly.

Why only small sandy area? Apparently, “Tapered” beaches are no longer approved by DES.

 Jim Rines felt a Tapered beach plan with 10-12/15ft of sand may be acceptable to DES because we wanted to solve the erosion problem. DES was open to this idea and so as a result White Mtn submitted the 10-12ft plan. Approved plan utilized the high-water level in determining the 10-12ft of sandy beach area and 35/36 feet in length.

Further explanation; if raw land, no tapered beach- only perch beach allowed. A perch beach for us would only be about 24 feet wide, not planned 35 ft. (Beach limit of 20% of waterfront, have 121 ft-20% is 24ft.) FYI new perch beaches can be as large as 900ft2. Can we ask for more sand? We could re-engineer and resubmit. Keep in mind, White Mtn recommendation was based on their experience working/negotiating with DES.

2.Confinement Mesh- Acceptable/required solution to DES for handling the erosion problem in the boat launch area. Can plant grass on mesh.

3.Install retaining wall, 30 ins tall, to gain about +600 ft2.

4.Stone steps, no timber, quote with natural stone and granite options.

5. Split rail fence, 10 ft lengths alternating 4ft wide openings to begin at bottom of steps and continue to sand’s edge.

6. Railing, same as 2nd Beach, along steps and obtain quote to following along fence line.

7.Irrigation system HVA separate bid process. They will need to work with selected contractor. Electric for pump house needed.

8. Adding tree(s) to provide natural shade is being discussed. Add shrubs/trees along hill leading down from parking lot to retaining wall.

9. Install sod and/or grass

10. Show storage areas for canoes & kayak racks.

11. Shaded seated will be included with option not to be built included in quote. Will help to get budget number for July 2020.

*Board Decision at August 6, 2019 meeting was that White Mtn Survey will issue RFQ allowing for options for as outlined above. No additional engineering will be performed. They will decide which options to implement after the bids are reviewed. The Board decided they want to present a complete project plan, with options already decided, to the entire HVPOA at the July 2020 meeting.*

*Chuck Wilcox will share information about a “cattle gate” suggestion.*