July 6, 2019 Beach One Engineering Study HVPOA Annual Meeting

Hi, introduce MAT & Don owned 38yrs love the community! Today here to Talk about what’s Referred to as Beach One Engineering Project

-Quick Background

-What’s been accomplished

-What’s next

-Answer questions at end of my report

**BACKGROUND**

Beach 2 completed August 2016. Board & Community acknowledged **sand erosion** problem at Beach One and decided to start to address Beach One’s issues.

Beach One Goals and Requirementswere developed September 19, 2016.

 Two Goals 1. To **Reduce sand erosion** to provide for a usable sandy beach. And 2. Provide maintainable**, multi-use recreation area within NH state guidelines**. These are the 2 goals kept in mind for the project.

A Beach One Renovations Project committee formed with 12 community members representing variety of views and knowledge. Alphabetically

Frank Cannon Eedee Dopp

Jane Hernandez Ron McCracken - Roads Committee

Bill & Gail McDonnell Tom Rooney

 Bob Shockley Mercedes Tyler

 Pam Welton Jerry Wilson and

Chuck Wilcox - Rec Committee Chair

We contracted with White Mountain Survey Group, to complete an engineering study. In summary the approach of the engineering study- gather all the data, identify water volume & velocity, drainage and road structures and design a solution to mitigate erosion and other issues.

**What’s accomplished since last years’ meeting July 2018.**

We have made progress and almost to bidding stage.

Last August the Beach Committee met with Jim Rines at White Mt.to review plans & recommendations which included a perch beach. We discussed design alternatives to a perch beach, pros and cons and cost considerations. As a result, the committee recommended an erosion resistant plan that included regrading and providing a large grassy area.The grassy area will extend from the base of the parking lot down to a sandy beach at the water’s edge.

At the Board’s next meeting in September (22, 2018) the Beach One Committee presented recommendations, along with alternative points of views.

Fast forward to now. As a result of additional BOD and Beach One Committee, White Mtn, DES meetings and discussionsthe following was decided.

The application for Shoreland Permit includes: This is the Beach Recreational Area

1. Regrade the entire recreation area
2. Install sod
3. Install a Cellular Confinement pathway, for boat access. This is a plastic egg crate shaped grid embedded in the boat launch driveway that holds back soil and provides support for vehicles to launch boats.
4. Provide a shaded area -gazebo/pavilion structure -as close to the water as allowed by state law.
5. Install stairs, with railing, leading from parking lot.
6. Construct a retaining wall installed at base of parking lot to gain additional flattened space. This area will gain approximately 600ft2
7. Install a fence beginning at the bottom of the new steps down to the sand to delineate the vehicle access path.
8. Install an irrigation system pumping water from the lake
9. Construct a new sandy beach about 10/12ft wide by 35 ft long

The application for the Wetlands Permit included:

1. Install plunge pool to catch sand washing down Heritage& Hidden Drs

2. Apply for a dredging permit to remove the sand bar next to the beach.

3. Completion of the proposed beach construction

The Wetlands and Shoreland Applications sent to the NH Dept of Environmental Srvs (DES)March 8, 2019.

We received notice from State DESWetlands Bureau theydenied 2 parts of the application, the plunge pool and dredging. The good news, the Shoreland Application was approved, and we will receive a modified Wetlands Permit good for 5 years. During that time, should we decide to do so, we could develop a creative solution for a plunge pool and dredging plan acceptable to the state. Also, during this time we could determine the amount of additional sand that might accumulate in the lake.

See ENGINEERING PLAN at back table reflects what is approved.

See Colored Picture of Beach Area

**NEXT STEPS going forward**

White Mtn will address the follow-up questions from the state DES. (Request For More Information (RFMI) -update the plans, remove dredge, plunge pool and answer assorted questions.

White Mtn will provide us the updated engineering details to produce RFQs for implementation of the plans. Part of current contract.

We need wait to receive Wetlands Permit to proceed with Beach area work. Hopefully receive by end of July.

**Additional steps involve management of the project**. The Board approved a request to have White Mtn quote on the following:

1. Assemble and send out a complete Request For Quote (RFQ) package.
2. Vendor(s) selection
3. Management of the project construction

Prior to RFQ package decisions need to be made regarding the following:

1. Location of kayak & canoe racks along with marina and dock winter storage with Bill Dawson input
2. Gazebo design and location- we may wait on this item
3. Fence specs, design, openings etc.
4. Sand quality for new beach
5. Tether ball, Basketball net needs/location
6. Exact location of Sod
7. Irrigation Specs location

**Project Timeline best estimate**

White Mtn send out Requests For Quote (RFQ) by October 2019.

Receive quotes from contractors to implement plans. Get costs and time details estimates. November/December 2019

Review contractor proposals and select contractors. Early Winter 2020

At this point**,** seek approval from Board and HVPOA to proceed with project with known estimates. I believe a vote is required to proceed.

Possibly target work to begin Fall 2020

This kind of effort has been a group community effort. I want to thank the Beach One Renovations Committee for all their time and input along with the Board of Directors for their engagement and support.

I would like to thank a few people in the Hidden Valley Community for their help.

I want to start by thanking Vadim and Marie Yasinovsky(abutter) for their cooperation and generosity of his time and property line. They were supportive of the project and in particular the use of their property for the plunge pool and dredging area.

Their support of the Hidden Valley community is greatly appreciated.

Thanks to Eedee Dopp and community members Mindy Fitzgerald, Fred Antell and Sue and Frank Cannon) documenting use of a sandy beach along with launching of boats dating back prior to July 1969. This was good documentation to have on hand to justify the continued use of a sandy beach and a boat launch area put into place prior to new regulations in 1969.

Also, thanks to Andrea Bonner. She investigated if any grants were available from any local or state agency. Unfortunately, nothing available for this work.

Wraps up my report,

Does anyone have any questions?