

Land Stewardship Committee

Friday, October 27, 2017

Attendees: Ken Masterton, Janine Aroyan, Tish Brown, Genie McNaughton, Jody Angel, Vic Amoroso, Meg Simonds

1. Path

Ken met with Kevin Lunny and Janine Aroyan last month. They walked the path and talked about what would make it most stable. If agreeable to the LSC and the BCPUD, he offered to do a pilot using a new mix of small stones and organic material at the most problematic area, the curve below the goat farm. Kevin asked for path measurements. Ken sent him these:

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1349' from Overlook to BCPUD lab driveway

386' to where horse trail splits off

740; to sharp right above goat farm

431' to first switch back (which turns left) there is a lot of water runoff on this section

228' to informal short cut above pond, this is another bad stretch for erosion

160' to next turn (left)

314' to jct of horse trail

195' to jct of Mesa Rd and Olema-Bolinas Road

Total length = 3803'

Note: I (KM) measured the total distance again this time from the bottom up to Overlook. It measured 50' shorter. Maybe I walked more efficiently uphill than I did downhill.

Don Smith was to meet with the company that laid down the path from the Agate Beach parking lot to the beach. The meeting was postponed. We should all walk the new path and see how well it holds up over the winter. Don brought a sample of an alternate (to asphalt) material to the August meeting: Rio Blanco II 100 SSPCo1180 Natural PAVE® XL . We don't know if this is the material that was used on the path.

We should start collecting all the information about the path: the historical material that Don sent to us and Balance Hydrologics, the Balance Hydrologics report, Ken's measurements (above), other available materials to build a hard path that may be preferable to asphalt, costs associated with those materials and any other information in LSA minutes or emails. Once compiled and determined to be as complete as possible, we'll present the information as a report to the BCPUD with recommendations.

ACTION ITEM: Genie will collect all we have and send them out for review.

Other thoughts:

Motorbikes do the most damage to the path.

Considering hardening materials: asphalt might be hard to make on site.

More natural materials might be easier to put in at the difficult sites.

Lunny's proposal – they would work on a bad stretch and would also put in some irrigation channels at the top of the slope. The channels would look more like humps put in at an angle where water runs on the road. They would be looking for Bolinas volunteer to help. Suppose the material doesn't hold up? We should think about clean up if that happens, but given our limited resources it would be reasonable to pursue the offer.

When we get to the point that we are ready to go forward on a path hardening project, Kevin pointed out that if the capital and labor costs are kept separate, we might be able to go with a sole source.

Any funding opportunities here? There is the local Stinson Beach – Bolinas Community Foundation that awards up to \$3000 for projects specific to the two communities. There is an expectation of matching funds with labor or other services. Once we have an idea of how much funding we will need for the entire project, or even part of it, the bike path should be eligible, if only to get the project started. They accept applications twice a year.

2. Knoll

CalFire project – we need to check in with Jennifer. Removing the cotoneaster on the periphery is definitely within the scope of the project.

ACTION ITEM: Genie will check on the status.

Work day – agreed that we should hold it after the first (or second) rain. Rain is predicted for the end of next week. Should we put a little note in the Hearsay to the effect: Are you anticipating the next knoll work day? Perhaps the Sunday after Thanksgiving? Keep in communication to make a decision about the day.

The Ribes we planted in the early spring – a couple of the plants made it. Best time for planting is after the first or second rain. We should finish the work we've started, clearing the site, putting compost around the natives we've found on site, putting flags nearby and when we do have plants to put in the ground, we shouldn't do one big planting, but spread the effort out over time.

Water for the knoll? We talked about hooking up a small cistern to the one on the Murch parcel. We should work on that in the spring.

3. Finances

No change, the amount in the kitty is \$1300.

4. Soil test
No update

5. Other

Genie will (do everything in her power to remember to) call people before the next meeting to remind them to come to the BCPUD!

Janine was impressed with Kevin Lunny's knowledge of how to build paths. He agrees that we should be looking at whatever materials are available, viable, sustainable and affordable.

Resource Recovery has moved piles away from the stream. How have they dealt with last year's big slide?

6. NEXT MEETING: Friday, December 1, 2017 at 3:00 pm.