

HILLSBOROUGH CONSERVATION COMMISSION

July 10, 2014

Hillsborough Town Office

Approved Minutes

Present: Commissioners: Brett Cherrington, Chair; Terry Yeaton, Vice Chair; Linda White; Richard Head.

John P. Segedy, Recording Secretary & Alternate.

Kevin Leonard, Northpoint Engineering; Jeffrey Moore, UNH Environmental Innovation Team

Chair Cherrington called the Hillsborough Conservation Commission (HCC) meeting to order at 7:06 pm.

VISITOR BUSINESS

1. Kevin Leonard, Northpoint Engineering – Bog Road Bridge

Kevin Leonard explained the project the Town of Hillsborough is doing to replace an existing culvert. He described the assessment that they had first done that determined that the replacement concrete bridge will need to be 18' wide, 23' long and 7 ½' high (with 1' freeboard). Kevin Leonard further explained that under new rules a new bridge would require a 30' crossing. Because they were replacing an existing structure the new rule does not apply, and Northpoint was recommending the construction of a 23' long crossing. He said they were seeking expedited review by the Department of Environmental Services (DES) because the culvert/bridge has been determined to be deficient and the total impact is less than 1500².

Kevin Leonard told the HCC that the project does qualify for State aid but that because it wasn't in the State's current '10 year plan', the Town will have to pay for the project and could get reimbursed in the future.

Kevin Leonard pointed out that while the Highway Department is completing this work, they will have to divert the stream. He also stated that the project would preserve the old stone bridge abutments which may have historical value.

Brett Cherrington asked what the timeline for the project was. Kevin Leonard answered that they were hoping to do it quickly so as to do it during the low flow period, so as soon as the expedited review process is complete and the precast company can make the structure.

Richard Head asked why the new rules would require 30'. Kevin Leonard answered that it gives more space for flooding, but that in this case the 23' would meet the needs for a '100 year flood'. Richard Head asked what the additional cost would be to do 30' instead of 23'. Kevin Leonard answered that it would be about \$50,000 more. After some discussion the cost for the proposed project was determined to be \$160,000 based on the approved warrant articles.

Brett Cherrington asked what they would do if there were flood conditions during the work. Kevin Leonard said it would depend on the circumstances, but they primarily will be trying to avoid such a situation (ie – not beginning work if heavy rain were forecast).

Brett Cherrington asked how the diversion would be done. Kevin Leonard described the process as using 'jersey barriers', temporary culverts and a plastic liner.

Upon being asked if there was anything the HCC could do to help the process, Kevin Leonard answered that a letter or e-mail of support would be helpful.

Consensus of the HCC was to provide one. Brett Cherrington will do so.

2. Jeffrey Moore - UNH Team - INTEL Innovation award winner in the 24th annual Environmental Design Contest

Brett Cherrington introduced Jeffrey Moore as a Hillsboro-Deering and UNH alumni and stated he had invited him to talk about his senior project to the HCC after seeing the press release announcing the [INTEL Innovation Award Winner](#).

Jeffrey Moore explained that the project combined both engineering components of designing the "Tilt One" and the business component of starting a business to make and sell them. He described the product which automates the adjustment of solar panels to align with the sun, runs on power from a thermoelectric generator utilizing excess heat from the solar panel so as not to use the power generated by the panel, which also prevents over heating of the solar panel (which would decrease its efficiency).

MINUTES

1. June 26, 2014

A couple of grammatical changes were suggested.

Richard Head moved: *To approve the minutes of June 26, 2014 as amended.*

Terry Yeaton seconded. Motion passed 4-0.

OLD BUSINESS

1. **Town Guides** – Tabled.
2. **Monthly Statements** – It was noted that the fund balance was \$112,091.97 with addition of \$2.15 in interest. Brett Cherrington noted that the deposit from the Woods property had been returned. Brett Cherrington also reported that Pat Nash and asked if the HCC would be interested in the Woods property under a payment plan. He said he had explained that wouldn't change the fact that it would result in spending the same amount from the Conservation Fund and also that the Town Meeting voters had voted against the purchase of the property. Consensus of the HCC was in agreement to not pursue the property.
3. **Lead Sinkers** – Linda White reported she had checked with Morse's Sporting Goods and they told her they only have large ones for deep sea fishing and some that people occasionally buy as weights for curtains or in pinewood derby cars. She said she had also checked Village Discount Center and they thought lead sinkers were already illegal and didn't carry them.
4. **Seminole Drive** – John Segedy reported that after the last meeting he was able to find a file on the property although it hadn't been found during the meeting. Brett Cherrington reported he had been by the property and agreed with DES assessment (no current violation). There was a brief discussion of the property and the previous complaint.
5. **Patenaude Marsh** – Brett Cherrington reported that Peter Mellen has received the signed contract and will be completing the survey marking work.

6. **Flint Road** – Brett Cherrington said he had been by the property and it didn't look like anything had been done.
7. **Natural Resources Inventory (NRI)** – Brett Cherrington noted the maps still needed to be laminated and smaller sets printed and laminated. After discussion, Richard Head agreed to coordinate to have work done at Capital Copy. Brett Cherrington reported that the GIS data has been uploaded to the HCC-Google Drive site. Richard Head said he would send copy to NH Nature Conservancy as discussed at the last meeting.
8. **Property** – Linda White reported that she had further inquired about the property in North Hillsborough previously alluded to and it is not available at this time.

NEW BUSINESS

2. **Community Garden** – Brett Cherrington said that Robyn Payson has asked about starting a community garden. He suggested the conservation property behind Shaws might be appropriate. Richard Head expressed concern about existing groundwater contamination. John Segedy said that even if the groundwater was not contaminated, there would still be a perception problem. Consensus was to recommend the Town investigate other possible locations.

ADJOURNMENT

Richard Head moved: *To adjourn.*

Linda White seconded. Motion passed 4-0 at 9:06 pm.

Respectfully Submitted:

John P. Segedy
Recording Secretary
Approved August 28, 2014