Conservation Commission Minutes June 8, 2020

(Note: Due to the pandemic, no April or May Commission meetings were held. There was no business that was necessary to attend to at these times.)

Chair Sam Demeritt opened the meeting at 7:10 PM. Other members present were Debra Kimball, Cheryl Smith, Susan Mooney and Raelene Shippee-Rice, alternate, who was seated for Kristen Lamb. Guest was Christopher Berry of Berry Surveying and Engineering.

Following the Pledge of Allegiance, Demeritt announced that the recent, "virtual" Breakfast in the Barn, an annual fund raising event, hosted by Bear Paw Regional Greenways, took in about \$40,000.

Proposed Housing Development: Mr. Berry was invited to outline the plans for a proposed 14lot subdivision on a 40.5 acre parcel located on Mitchell Road. The application for Case #20-003-SUB is currently in front of the Planning Board. The development will be a conventional subdivision because it partially lies within the commercial area of Route 4 where zoning regulations do not allow for an open space development. The Board requested that the Commission have an opportunity to review the documents. There are two wetland crossings proposed and the wetland complex flows northward into a large wetland located in Barrington. Additionally, the Heritage Bureau reported that there were no plants of special concern but there are several animal species, Blandings turtle, box turtle and the green snake in that area.

In his review, Mr. Berry noted that the area is a Class A water site so the detention basins must be designed to treat for nitrogen and phosphorous. He primarily focused on the two proposed wetland crossings, one that would impact 3780 sq. ft. located on the proposed loop road and the other 2937 sq. ft. on the loop road. The culvert for the larger crossing would be a box type, 3 ft. tall, 4 ft. wide, and buried 1 ft. down to provide a naturalized base for small migrating animals. (This design was filed with Kim Tuttle at NH Fish & Game (NHF&G).) The smaller crossing would use a 36 in. culvert pipe, sunk in to encourage a naturalized 6-12 in. base. Storm water erosion control materials will be matted with natural fibers, silt socks filled with silt or stump grindings, called a mulch berm erosion control mix. The crossings will have a series of catch basin designs including sloped vertical curbing. The basins and sumps will be lined with natural stone so animals can crawl out. The responsibility for maintenance of these erosion controls will be by a home owners association (HOA). These designs require the least maintenance according to Stormwater Best Practices Management.

Mr. Berry also indicated that there are some steep slopes on the property but they will not be impacted by house envelopes nor roadway designs. There are grave sites that will be researched using ground penetrating radar. A traffic study has been completed.

Mr. Berry also indicated that while Nottingham has setbacks of 50 ft. for poorly drained soils and 75 ft. for very poorly drained soils that there are no buffers required for wetlands. He indicated that NH F&G might require deed restrictions to stipulate no-disturb buffers around these sensitive areas.

The Commission suggested that the roads be paved using a larger stone size in the mix so that snakes and amphibians will have an increased chance of survival during road crossings. Mr. Berry will send a copy of the DES wetland application to the Commission.

Mr. Berry left at 8:03 PM.

Mooney will submit a report to the Planning Board from the Commission re: the presentation.

Other Announcements: Shippee-Rice attended a Zoom meeting hosted by the NH Planning Association; Demeritt and Mooney participated in a Zoom meeting hosted by SouthEast Land Trust (SELT), NH F&G, and the Nature Conservancy, titled "Connecting Wildlife Corridors" in this region of the state to the seacoast.

Easement Projects: Map 53, Lot 6-2 is still in the preliminary stages. Demeritt and Mooney, SELT, and the property owners are communicating how to continue to preserve some if not all of this parcel as a wildlife corridor, connecting the three land blocks in Nottingham (and beyond) to each other in the vision of the Town's Four Generals Greenway.

Committee Reports: None.

Correspondence: None.

Member Appointments: No information from the Select Board at this time.

Reimbursement: Mooney presented receipts for a roll up camp table to use during river water testing for \$26.88 and \$98.91 for materials to build a kiosk for the William E. Kennard Forest. All 17 hours of labor was donated. It was moved by Smith and seconded by Shippee-Rice to reimburse Mooney for these expenses. All five (5) votes were in favor.

Minutes: The minutes for March 9, 2020 were reviewed and corrected. Shippee-Rice moved that these minutes be accepted as edited. Smith seconded the motion. All five (5) votes were in favor.

Additional Reimbursement: Demeritt spent approximately \$7.00 for aluminum nails for attaching easement medallions to trees. It was moved by Smith and seconded by Mooney to reimburse Demeritt up to \$7.00 when the receipt is noted. All five (5) votes were in favor.

Adjournment: Mooney moved to adjourn the meeting. The motion was seconded by Kimball. All five (5) votes were in favor. The meeting was adjourned at 8:37 PM.

Respectfully submitted,

Susan P. Mooney, Secretary

These minutes were accepted as corrected at the meeting held on July 13, 2020