

**CITY OF MARLBOROUGH  
CONSERVATION COMMISSION  
MINUTES**

November 4, 2010  
Memorial Hall, 3<sup>rd</sup> Floor, City Hall

**Members Present:** Edward Clancy-Chairman, David Williams, Lawrence Roy, John Skarin, Dennis Demers, Allan White, and Priscilla Ryder-Conservation Officer;

**Absent:** Michele Higgins

**Public Hearing(s)**

Notice of Intent (DEP 212-1076) - Continuation

358 Berlin Rd. –New Hope Church of the Assembly of God.

Proposes to repair drainage and provide scour protection for brook flow (Millham Brook).

Bruce Saluk from Bruce Saluk and Associates and Pastor Wood were both present; along with quite a few members of the congregation. Mr. Saluk explained that he had a new design for the church property which included the proposal of a double barreled culvert to replace the existing culvert. He did a new hydraulic study to come up with this new design. He looked first at installing a box culvert then looked at the 48" plastic pipe. The problem with both of these is that there is a sewer and water line that crosses the top of the existing culvert that needs to be accommodated. There is a drop in elevation from the upstream to the downstream side of the existing culvert which is helpful. The new double barreled culvert design provides a slightly flatter pipe which will remove some of the energy. The plan proposes to armor the outlet area for the culvert to ensure there is no scour. Stone size was discussed. Stone armoring will be 3' deep. They will insulate the sewer and water lines. The proposal will require them to remove the culvert entirely and replace the headwall with a poured concrete headwall; they would like to excavate the pond to remove accumulated silt. This should help to reduce the flooding a bit, although as shown on the plan during some of the annual floods, the parking lot will still be underwater, but this new design will allow the water easier exit and still provide an overflow over the stone embankment and swale.

Chairman Clancy asked if this design would have any effect on the wetland upstream and whether this new pipe system would increase the flow. Mr. Saluk explained that the new culverts would have 6 times more capacity than the existing pipes. So, although it will still overtop during some larger storms and the parking lot will be underwater, it will be an improvement from the current conditions. The flow increase is a negligible change.

Ms. Ryder noted that Tom Cullen the City Engineer has not yet reviewed the plan. His criteria are that there be no impact downstream due to culvert change or reconfiguration. Mr. Saluk indicated the calculations show a .2% and a .1% change in flows for the 2 & 10 year storm, but in his opinion these are negligible.

Chairman Clancy noted that Tom Cullen needs to review the drainage calculations. The watershed area as noted by Mr. Saluk is 360 acres of drain area with a lot of impervious

surfaces. Mr. Demers asked what the condition of the 36" pipe is below the culvert. Mr. Saluk indicated that it is off the property, but it is falling apart and will eventually fail.

The Commission determined that because input is still needed from the City Engineer, the meeting would be continued to the Nov. 18<sup>th</sup> meeting at which time the applicant should provide comments from City Engineer, total wetland alteration information, and a construction sequence plan.

Dean Clark from the church explained that this whole repair is extremely expensive and he was wondering if the state or city would be able to add some funds to correct the problem.

Pastor Robert Woods wanted to confirm that a decision could be rendered at the next meeting on Nov. 18<sup>th</sup>. The Commission noted that if the items have been addressed by the City Engineer, this would be possible.

Steve McGosa, from the church, asked if the city would have any liability or responsibility for the flooding.

Answer: Chairman Clancy indicated that there is the same volume, but the rate of flow seems to be the problem.

Mr. Saluk noted that the church was built in 1968 and the spillway at that time was designed to overtop. Over the years, it just got weakened and failed. So, we are here to determine a repair.

Mr. Skarin noted that at the previous meeting there was discussion that the culvert cleaning along I-495 may have caused this increase in flow, and perhaps this should be looked at too.

Marilyn Gaudet of 21 Mill St. also a church member noted that they would like to help expedite this process, so a resolution can be found. The Commission noted that if a solution acceptable to the City Engineer can be found, before the next meeting, the Conservation Officer can draft a set of conditions for review at the next meeting.

The meeting was continued to November 18, 2010.

### **Certificates of Compliance**

- DEP 212-839 Crystal Ridge Estate – Full There are a few more items to be checked, so this item was continued to Nov. 18<sup>th</sup> meeting.
- DEP 212-1059 355 Boston Post Rd. – Full Ms. Ryder reported that this is the new Car Wash on Rte 20 near the Northborough line. Based on her inspection and the As-Built Plan the landscaping was well done, and the wetland and watershed district 50 foot buffer zone was restored, storm water system is in place and working fine and they have met all the conditions of the Order. The Commission voted 6-0 to issue a Full Certificate of Compliance for this project.
- DEP 212-1078 24 Hager Street- Partial Ms. Ryder noted she did an inspection that morning. The area has been hydro seeded (just before the rain), but clearly has not rooted. All conditions have been met except for final stabilization with vegetation and the removal of the erosion controls. The proponents were present and expressed concern that it was a Partial

- Certificate of Compliance. The Commission noted that the Partial Certificate would clearly outline the items that had not been achieved yet as noted above. Both these Conditions can likely be met in the spring as soon as the growing season kicks in. On a motion by Mr. Skarin second by Mr. Demers, the Commission voted 6-0 to issue a Partial Certificate of Compliance for this project noting the two remaining outstanding items.

#### **Extension Permits**

- DEP 212-1028 (Lot 3), 212-1029 (Lot 4), 212-1030 (Lot 5), 212-1031 (Lot 6), 212-1034 (Lot 11), 212-1035 (Lot 12), 212-1036 (Lot 13), and 212-1037 (Lot 14) - all for Boivin Dr. (Bette Davis Estates) – Requesting 3 yr. extension permits.  
(Dennis Demers abstained from these discussions due to a conflict of interest)  
The Davis Estates Subdivision on Farm Rd. has 8 lots still to be built. The roadway and drainage work has been complete, but the individual house lots have not yet been built. Mr. Valchius the owner, requested a three year extension for each of these lots. Each lot has an individual Order of Conditions as noted above. The Commission voted unanimously 5-0 (Dennis Demers abstaining) to issue a three year extension to each of these eight (8) individual house lot as referenced above.
- DEP 212-1016 Mauro Farm - The Commission reviewed a letter requesting an extension to this Order of Conditions for the Mauro Farm subdivision at 150 Cook Lane. Not having any further correspondence from the State regarding the new automatic extension rules, the Commission voted unanimously 6-0 to issue a three year extension permit for this subdivision that is currently under construction.

#### **Other Business/Correspondence**

The following correspondence was reviewed and the Commission voted to accept and place on file.

- Letter to Eagle Scout Ben Gowaski, dated October 29, 2010
- Notice of Public Meeting for Open Space & Recreation Plan – November 16, 2010 (Tuesday) 7:00 p.m. - 3<sup>rd</sup> Floor, Memorial Hall

**Discussion** - There is a mural that has been painted at the tunnel in Hudson on the ARRT; there will be a grand opening ceremony on Sat. Nov. 6<sup>th</sup>.

**Project Updates** - None.

**Meetings** – Next Conservation Commission meetings – Nov. 18<sup>th</sup> and December 16<sup>th</sup>, 2010

**Adjournment** - There being no further business, the meeting was adjourned at 8:18 PM.

Respectfully submitted,

Priscilla Ryder - Conservation Officer