



**Minutes of  
Danvers Conservation Commission  
Thursday, March 12, 2015  
Danvers Town Hall**

**The Danvers Conservation Commission held a public meeting on Thursday, March 12, 2015, at the Danvers Town Hall, Daniel J. Toomey Hearing Room, located at One Sylvan Street, Danvers, MA 01923.**

**Members present:** Jeffrey Cary, Chairman  
Michael Splaine, Vice Chairman  
Bill Glynn, Member

**Members absent:** Matthew Lallier, Member  
Neal Waldman, Member

**Staff present:** Kristan Farr, Planner  
Christine Marshall, Secretary

Mr. Cary opened the Conservation Commission meeting at 7:02 p.m. with a reading of the “Commission Statement.”

**Request for Certificate of Compliance**

- **150 Andover Street, DEP File No. 14-1236**

Peter Pommersheim from Meridian Associates was present, representing MRS Management, the owner of the Danvers Indoor Sports Facility. In January of 2014 the Commission issued an Order of Condition for construction of an addition, expansion of parking lot, expansion of storm water basins, and other associated utilities on the site. Mr. Pommersheim reported that the work has been completed in compliance with Order and the approved plan, and requested a Certificate of Compliance. The Commission asked about the size of the lagoon and the increase to it, as well as whether the lagoon is capped. Mr. Pommersheim reported that the lagoon increased in size significantly and the lagoon remained capped. Mr. Cary asked about the lagoon being disturbed when the addition was built, and Mr. Pommersheim reported that anything that was disturbed would have been repaired. Mr. Glynn would like the Commission to visit the site before it is closed out. Mr. Cary asked about the encroachment, and Mr. Pommersheim confirmed the small portion of encroachment in the corner. Mr. Pommersheim discussed the existing building that was removed. Mr. Glynn asked about the LSP report, and Mr. Cary talked about the building being outside of the AUL and that the Commission requested an LSP report. Ms. Farr suggested that the Commission put off the site review for about one month because of the snow and request that Mr. Pommersheim provide the LSP report for the next meeting. Ms. Farr will also review the NOI for that information. The Commission decided on a site visit on Saturday, March 28, 2015 at 9:00 AM to continue the hearing to April 9, 2015.

Mr. Glynn made a motion to continue the request for a Certificate of Compliance at 150 Andover Street, DEP File No. 14-1236 until the April 9, 2015 meeting with a site visit on March 28<sup>th</sup> at 9:00 AM; Mr.



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Cary added that Ms. Farr will look up comments in the Order; Mr. Splaine Seconded; and the motion carried unanimously.

**Public Hearing – Notice of Intent**

- **I-95 and US1; DEP File No. 14-1256**

Annie Bastoni, Mass DOT, and Mark Costa, Civil Engineer from VHB were present for the continued Public Hearing. Mr. Costa went through the presentation again, and described that this project is part of the Mass DOT Impaired Waters Program. It is a storm water improvement project, with no increase in impervious area, and is an improvement to the existing drainage system. Mr. Costa described the five infiltration storm basins, nine infiltration trenches, and four infiltration swales, which total 6,000 linear feet. The plan includes upgrading over 50 catch basins. Mr. Costa gave some background on this area with respect to Beaver Brook and the 200 foot riverfront area. He discussed the Mass DOT assessment of Beaver Brook and they found the directly discharging area to the brook was from Centre Street to Route 62, about 120 acres, and about 60 acres is impervious. Under existing conditions most of the run off enters the median drainage system, and they are proposing daylighting the water, store, and infiltrate into the ground.

Mr. Splaine asked about daylighting the water, and Mr. Costa described that instead of being in a pipe it would travel on the surface. He also described the benefits of daylighting is that it infiltrates and removes pollutants. Mr. Cary asked about removing the old system, and Mr. Costa said that it depends and it would probably be a little bit of both. Mr. Costa discussed that Beaver Brook is culverted under the highway and it will remain; the existing flow patterns will also remain. He discussed the benefit of the 6,000 feet of swale is to direct the water, back the water up and store it; it also doesn't have any vegetation so they are not cutting down any trees. Ms. Bastoni added that it slows down the flow, filters into the ground, and mimics the natural water cycle. Mr. Cary asked about the maintenance for this system compared to what is existing, and Mr. Costa said that is pretty equal. Ms. Bastoni described the difference being the road sediment right now goes directly into Beaver Brook, and with the new system it will be collected in the median or infiltration basins, which will be monitored and maintained as needed. There was discussion about rip rap and vegetated and Mr. Cary said that some rip rap will be used but the channels are mostly open areas that can be mowed. The State will be responsible for maintenance. Mr. Splaine asked if the Town would be notified of maintenance being performed. Ms. Bastoni described the maintenance as mostly mowing, and maybe every ten years it might require more than mowing. Mr. Glynn asked about annual inspections and why infiltration trenches vs open swales. Mr. Costa described the treatment on Route 1 needing infiltration trenches because of space constraints with businesses on Route 1, sidewalks, and a smaller median; therefore, there were not too many choices in that area. Mr. Glynn described the infiltration trenches as perforated underground pipes.

Mr. Glynn asked for more information about Table I, with 120 acres total watershed, current impervious area 60 acres, with a targeted IC reduction. Mr. Costa described EPA impervious cover method that



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relates the aquatic health of a water body to the impervious cover of the watershed, they are hoping for a 9% overall impervious area. He also discussed that under the proposed project, they are calculating that the BMP's are going to mimic 50 acres being removed. Mr. Glynn asked about how we will know if this is successful, and Ms. Bastoni replied that Mass DOT does not monitor, DEP monitors the water bodies and there are many contributing factors to the water body.

The Commission discussed the comments from the Town engineer. There was concern about the 36 inch drain. The 36 inch drain crosses Route 95 and almost reaches Route One. Mr. Costa spoke to the Town engineer, and the culvert will be cleaned as part of this project during construction, which will be added to the plan. The neighbor and DOT have been in contact. The Commission feels that this project will improve the neighbor's flooding issues. There was discussion about the Town storm water drainage system, which is throughout the project area.

Mr. Glynn asked how the Town could get access to the annual inspections, and Ms. Bastoni replied that each district of Mass DOT has a maintenance work order system. Ms. Bastoni confirmed that the Commission could have access to that data.

The timing of the project was discussed; bidding will take place in the fall, with the project starting in the Spring of 2016. Mr. Cary asked if they could come back six months to one year after completion for the Certificate of Compliance to see how the system is working. Ms. Bastoni reported that the system is designed to drain completely in 72 hours.

Mr. Splaine made a motion to issue the Order of Conditions for I-95 and US1; DEP File No. 14-1256, with the agreement that the applicant come back six months to one year after completion to report on the status of the project; Mr. Glynn seconded; and the motion carried unanimously.

**Minutes** – Mr. Glynn made a motion to approve the minutes of February 26, 2015 with the removal of the word “wells” in the third paragraph under the I-95/Route One project; Mr. Splaine seconded; and the motion carried unanimously.

**New Business** – The Commission received the packet for the Danvers High School athletic fields project. Mr. Cary will be unable to participate on that project because he is employed by the consulting company hired by the Town to assist with the project. Mr. Waldman will be returning in April.

Mr. Glynn made a motion to adjourn at 7:40 PM; Mr. Splaine seconded; motion passed unanimously.

Respectfully submitted,

Christine Marshall  
Conservation Commission Secretary