

UNAPPROVED

Inland Wetlands & Watercourses Commission - Public Meeting, July 18, 2012

The Inland Wetlands & Watercourses Commission held a Public Meeting on Wednesday July 18, 2012 at 7:30 P.M. in the Town Council Chambers, Town Hall, 505 Silas Deane Highway, Wethersfield, CT 06109.

Members Present:

Lou Sanzaro, Chairman
Brent M. Owen, Vice Chairman
David Ambrose
Mark Console
David Herold
Shanelle Dattilo
Joe Hart
Robert Cobb

Also Present:

Don Moisa, IWWC Agent

One (1) persons in the audience

Chairman Sanzaro opened the meeting at 7:30 p.m.

GENERAL COMMENTS

No comments.

PUBLIC MEETING

Application No. 626-12 E/S RJD Development, Property of Michael Harris Trustee, Back Lane. Parcel No. 043-011,042-016 Application for re-subdivision into 2 new building lots, associated driveway and drainage construction. Also seeking Erosion and Sedimentation Control Certification.

Don Moisa presented a memo from Michael Turner, Town Engineer dated July 18, 2012.

James Cassidy PE of Hallisey Pearson & Cassidy represented the applicant.

Mr. Cassidy gave an summary of the project as presented at the June 20, 2012 Inland Wetlands meeting.

Two parcels are being combined for a total of 15.84 Ac.

The applicant would like to subdivide the property into two residential building lots, one having 386,000 SF the other 111,000 SF. Also dedicating 1.5Ac. for the future extension of Old Reservoir Rd. and 2.94 Ac. as Open Space.

There is a drainage system in Back La. that also picks up the drainage area from the Deer Run condominium complex in Newington that discharges through a 36" culvert into a drainage swale along the rear of the homes along Westmont Rd. and though an existing 21"x72" box culvert under Old Reservoir Rd. right of way to the 1860 Reservoir.

The existing 21"x 72" box culvert has issues with the carrying capacity with the water coming down the swale.

Someone has dug a 2'x3' deep 8' wide channel around the box culvert to relieve the pressure.

As part of this development of the property it was originally proposed to install twin 36" HDPE pipes in the dug channel and leave the box culvert in place.

There was a recommendation at the last meeting to locate the proposed twin 36" HDPE pipes to the north side of the existing box culvert to eliminate the need for sloping or grading rights from adjoining properties.

Commissioners had asked the applicant to take a look at the history of any flooding problems of the homes along Westmont Rd.

Mr Cassidy met with Town Staff and reviewed the 100Yr Flood Zone and design elevations for the 1860 Reservoir spillway done in the 1980's.

It was determined that the elevation of the 100 Yr. Flood was Elevation 211 (NGVD) based on the spillway design plans.

The basement floor of one of the homes on Westmont was elevation 209.9 or 1.1' below the 100 Yr. Flood Elevations.

The existing box culvert was at elevation 209.5.

The homeowners along Westmont had done a lot of work themselves and had brought the elevation of their yards up to elevation 214. The work the homeowners had done was doing well to keep the water away from the houses.

From drainage calculations Mr. Cassidy determined that the discharge from the existing 36" culvert at Back lane was 125 cfs and that a drainage analysis indicated that for a 25 Yr. storm event the volume was 158cfs.

Mr. Cassidy's calculations determined that the capacity of the existing box culvert was inadequate.

Mr. Cassidy's original design was indented to equal the capacity of the original system, but after review of the data with Town staff it was decided to go above and beyond so as not to create any additional problems, but to actually enhance the situation and help eliminate the problems people on Westmont Rd. have had in the past.

The twin 36" HDPE pipes proposed would be replaced with a 4'x8' concrete box culvert that would be able to handle the runoff from a 100Yr. storm event, which would improve the situation that exists.

The only drawback to this solution would be a direct impact on a small triangular section of Inland Wetlands.

To properly grade the inlet and outlet and provide rip rap protection would impact 242 SF of wetlands.

Commissioners questioned if the existing box culvert would remain, when was the existing culvert installed, and the depth and cover on the proposed new box culvert.

Mr. Cassidy explained that the existing box culvert would remain, it wasn't clear when the existing box culvert had been installed, possibly as part of the development of Westmont, and the new box culvert would have about 2' of cover and the base would be set 1' below the existing stream bed to allow the box culvert base to fill in with natural material. This is a typical Army Corps of Engineers stream crossing requirement.

Motion by Commissioner Herold to Approve the application as a Summary Ruling, seconded by Commissioner Dattilo
All voted in favor.

Motion passed.

Motion by Commissioner Herold, seconded by Commissioner Console, to Certify the Erosion and Sedimentation Control Plan.
All voted in favor.

Motion passed

ORGANIZATIONAL MEETING

1. Nomination and Election of a Chairman
Motion by Commissioner Ambrose seconded by Commissioner Console to elect Commissioner Sanzaro as Chairman
All voted in favor
Motion passed
2. Nomination and Election of a Vice Chairman
Motion by Commissioner Ambrose seconded by Commissioner Herold to elect Commissioner Owen as Vice Chairman.
All voted in favor
Motion passed
3. Authorization of Michael J. Turner and Don Moisa to sign notices of the Commission
Motion by Commissioner Hart seconded by Commissioner Owen
All voted in favor
Motion passed
4. Appointment of Don Moisa as Designated Agent of the Commission
Motion by Commissioner Owen seconded by Commissioner Herold
All voted in favor
Motion passed

GENERAL BUSINESS

1. Approval of Minutes- June 20, 2012
(LS,BO,LB,DH,MZ)

Motion by Commissioner Ambrose seconded by Commissioner Herold to Approve the minutes as presented.
All Commissioners present at the meeting voted in favor. Motion passed.

2. Correspondence (No Action Required)
 - a. "The Torrent", newsletter
 - b. Notification from the Town of Glastonbury of a pending Inland Wetlands Application for Glastonbury Riverfront Park, Phase Two Improvements.

ADJOURNMENT

Chairman Sanzaro adjourned the meeting at 7:55pm

I hereby certify that the above is a true copy of the minutes approved by the Inland Wetlands & Watercourses Commission.

Don Moisa, Wetlands Agent

Date