

AGENDA
Inland Wetland Agency
Regular Meeting
Monday, October 4, 2010
Council Chambers, Audrey Beck Building

Call to Order: 7:00 PM

Review of Minutes of Previous Meetings and Action Thereon:

9.07.2010 - Regular Meeting

9.16.2010 - Field Trip

Communications:

Conservation Commission: W1462 - Town of Mansfield - Laurel Lane bridge
GM monthly business memorandum

Old Business:

W1462 - Town of Mansfield - Laurel Lane bridge replacement

New Business:

W1414 - RF Crossen Contractors LLC - Storrs Rd - subdivision bond release.

Reports of Officers and Committees:

Other Communications and Bills:

2010 DEP Training Segment 3

Adjournment:

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BREAK

DRAFT MINUTES
MANSFIELD INLAND WETLANDS AGENCY
Regular Meeting
Tuesday, September 7, 2010
Council Chambers, Audrey P. Beck Municipal Building

Members present: R. Favretti (Chairman), M. Beal, J. Goodwin, K. Holt, G. Lewis (7:04), P. Plante, B. Pociask, B. Ryan,
Members absent: R. Hall,
Alternates present: F. Loxsom, K. Rawn, V. Stearns
Staff present: G. Meitzler (Wetlands Agent)

Chairman Favretti called the meeting to order at 7:01 p.m. and appointed alternate Loxsom to act in Hall's absence.

Minutes:

8-2-10 – Plante MOVED, Ryan seconded, to approve the 8-2-10 minutes as written. MOTION PASSED with all in favor except Pociask who disqualified himself.

8-9-10 Field Trip- Beal MOVED, Ryan seconded, to approve the 8-9-10 field trip minutes as written.

MOTION PASSED with Beal, Holt, Favretti, Plante, Ryan and Rawn in favor and all others disqualified.

Communications:

The 8-18-10 draft Conservation Commission minutes and the 9-1-10 Wetlands Agent's Monthly Business report were noted. Favretti asked Meitzler for an update on the Mirror Lake Dredging that was scheduled to be completed this summer. Meitzler reported that certain issues related to CT-DEP approval have yet to be resolved; hence the delay.

Old Business:

W1461 - Elshakhs - 23 Bundy La – above-ground pool in buffer

Holt MOVED, Ryan seconded, to grant an Inland Wetlands License under the Wetlands and Watercourses Regulations of the Town of Mansfield to Hisham Elshakhs (File no. W1461), for the installation of an above-ground pool, on property owned by the applicant, located at 23 Bundy Lane, as shown on a map dated 7/12/10 and as described in other applications submissions.

This action is based on a finding of no anticipated significant impact on the wetlands, and is conditioned upon the following provisions being met:

1. Erosion and sedimentation controls (as stated in the plans) shall be in place prior to construction and maintained during construction and removed when disturbed areas are completely stabilized.
2. The pool shall be shifted at least 5 feet further away from the wetlands, or more if practical, within the restrictions of the side yard setback.
3. Before installation, the applicant shall consult with the Wetlands Agent for final placement.
4. No brush or construction debris shall be placed any closer to the wetlands than the pool itself.

This approval is valid for a period of five years (until September 7, 2015), unless additional time is requested by the applicant and granted by the Inland Wetlands Agency. The applicant shall notify the Wetlands Agent before any work begins, and all work shall be completed within one year. Any extension of the activity period shall come before this Agency for further review and comment.

MOTION PASSED with all in favor except Pociask who disqualified himself.

New Business:

W1462 - Town of Mansfield - Laurel Lane bridge replacement

Goodwin MOVED, Holt seconded, to receive the application submitted by the Town of Mansfield (IWA File W1462) under the Wetlands and Watercourses Regulations of the Town of Mansfield for the replacement of the Laurel Lane bridge over the Mount Hope River, located approximately 725 feet east of Route 89, on property owned by the applicant as shown on a map dated 8/2/10 and as described in other application submissions, and to refer said application to the staff and Conservation Commission for review and comment. MOTION PASSED UNANIMOUSLY.

Reports of Officers and Committees:

Chairman Favretti set a Field Trip for 9/16/10 at 1:30 p.m.

Other Communications and Bills:

Noted.

Adjournment:

Favretti declared the meeting adjourned at 7:18 p.m.

Respectfully submitted,

Katherine Holt, Secretary

MINUTES

MANSFIELD INLAND WETLAND AGENCY/PLANNING AND ZONING COMMISSION
FIELD TRIP
Special Meeting
Thursday, September 16, 2010

Members present: R. Favretti, M. Beal, K. Rawn, K. Holt, B. Ryan
Staff present: G. Meitzler (Wetlands Agent, Asst Town Engineer-Item #1)
G. Padick (Director of Planning)

The field trip began at 1:30 p.m.

1. TOWN OF MANSFIELD, LAUREL LANE BRIDGE - Laurel Lane - Bridge replacement, IWA File W1462
Site and neighborhood characteristics were observed. No decisions were made.
2. RICE PROPERTY, 147 Stafford Road, Efficiency Unit Apartment, PZC File #1293
Participants were met by the property owner's father who explained plans to put a second level over an existing garage. Site and neighborhood characteristics were observed. No decisions were made.

The field trip ended at approximately 2:30 p.m.

Respectfully submitted,

K. Holt, Secretary

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Town of Mansfield
CONSERVATION COMMISSION
Meeting of 15 September 2010
Conference B, Audrey P. Beck Building
(DRAFT) MINUTES

Members present: Joan Buck (Alt.), Robert Dahn, Peter Drzewiecki (from 8:00p), Neil Facchinetti (Alt.), Quentin Kessel, Scott Lehmann, John Silander. *Members absent:* Joan Stevenson, Frank Trainor. *Others present:* Grant Meitzler (Wetlands Agent).

1. The meeting was **called to order** at 7:30p by Chair Quentin Kessel.
2. The draft **minutes of the 18 August meeting**, with the addition of "Joan Buck (Alt.)" to the list of absent members and correction of minor typos, were approved.
3. **Election of officers.** Kessel, Silander, and Lehmann (resp.), having indicated that they were willing to serve as Chair, Vice Chair, and Secretary (resp.) for the coming year, were elected by acclamation. Kessel will also inform the Town Manager that Dahn and Drzewiecki are willing to continue as Commission members.
4. **IWA referral W1462 (Laurel La. bridge replacement)** The Town proposes to replace the 1-pier steel and timber Mt. Hope River bridge on Laurel Lane with a single-span steel bridge. The existing bridge (which currently serves one house) is not wide enough to qualify as a 1-lane bridge, and emergency vehicles must use extreme caution in crossing it. Its pier and abutments, which constrict the river's flow, would be removed. After some discussion, the Commission agreed on the following **motion** (Buck, Silander: all in favor save Drzewiecki, not yet present):

The Commission notes that the construction phase of this project could have a significant impact on wetlands and urges that care be taken to minimize it. A long-term benefit to the river system may be expected from replacing the existing substandard bridge with one less likely to fail and eliminating constrictions on flow.

{No one on the Commission expected to go on the IWA field trip to the site, which was scheduled for 9/16/10, the day after this meeting.}

5. **Agronomy farm.** Facchinetti spoke on Agronomy Farm issues at the 9/14/10 Town-Gown Committee meeting on behalf of the Storrs Heights Neighborhood Association. He asked the Committee to endorse a memorandum of understanding that irrigation and application of agricultural chemicals at the farm shall be done in a manner that does not diminish the supply or degrade the quality of well-water in the neighborhood. He also asked that an independent hydrologist be appointed to oversee the monitoring program and suggested that neighborhood wells be monitored directly for impacts on water quality and quantity (as opposed to indirectly via information obtained from monitoring wells at the farm).
6. **Open Space.** Buck attended the 8/17/10 meeting of the Open Space Preservation Committee and reported on discussion of Penner property issues and the up-coming referendum question on open-space funding.
7. **Swan Lake outfall.** Kessel will communicate item 6 of the July minutes to Barry Feldman at UConn, suggesting that the University save money by shelving this project, which is probably

needed only for a diversion that is unlikely to be approved by DPH and DEP.

8. Ponde Place water. The developers of Ponde Place would like the University to agree to back up its water supply in the event of an emergency. Kessel will attend the Water & Wastewater Advisory Committee meeting tomorrow and point out that it would be irresponsible for the University to assume any additional water obligations, given the current drought advisory, which is likely to be perennial.

9. Adjourned at 8:30p. Next meeting: 7:30p, Wednesday, 20 October 2010

Scott Lehmann, Secretary, 18 September 2010

Memorandum:

September 28, 2010

To: Inland Wetland Agency
From: Grant Meitzler, Inland Wetland Agent
Re: Monthly Business

W1419 - Chernushek - hearing on Order

- 3.10.09: The hearing on the Order remains open and should continue until the permit application under consideration is acted upon.
(The Order was dropped on approval of the application required in the Order.)
- 4.30.09: Former rye grass seeding is beginning to show green. I spoke with Mr. Chernushek this afternoon who indicated health problems that delayed his starting but indicated he will be working this weekend. I will update on this Monday evening.
- 5.26.09: A light cover of grass growth has come in. Mr. Chernushek indicates health problems and two related deaths have delayed his start of work since the permit approval was granted. It appears that some light work has started. He has further indicated that he will start a vacation on June 22, 2009 to finish the work.
- 6.13.09: Work is underway.
- 6.21.09: Bulldozer work has been completed - finish work remains. The additional silt fencing has been placed along the northerly wetlands crossing, and the additional pipe under the southerly crossing has been installed. Remaining work includes finish grading along edges, spreading stockpiled topsoil, and establishing grass growth.
- 7.01.09: I spoke with Mr. Chernushek who indicated he expects work to be completed by September 1, 2009. (Site photo attached).
- 9.03.09: Mr. Chernushek has been working on levelling and grading. The formerly seeded areas have become fairly thick growth surrounding the central wet areas. He has further indicated that with the combination of weather and the slower moving of earth with the payloader compared to the earlier rented bulldozer has led him to contact contractors for earth moving estimates which have not yet been received. The site is not yet finished but has remained quite stable.
- 9.12.09: I met with Mr. Chernushek today and discussed again what his plans are for stabilizing this work site.
- 10.01.09: Mr. Chernushek indicated he has not heard back from the contractor he had spoken with about removing material, and is in progress of contacting others. In discussion is removal of material from the site either within the 100 cubic yard limit or obtaining a permit for such removal.
- 10.28.09: Mr. Chernushek has indicated he has made arrangements with DeSiato Sand & Gravel to remove 750 cubic yards of material. Staff is in the process of clarifying permit requirements.
- W1445 - Chernushek - application for gravel removal from site**
- 11.30.09: Packet of information representing submissions by Mr. Chernushek, Mr. DeSiato and myself is in this agenda packet as Mr. Chernusheks's request for modification.
- 12.29.09: Preparation of required information for PZC special permit application is in progress. Tabling any action until the February 1, 2010 meeting is recommended.
- 1.12.10: 65 day extension of time received.

- 2.18.10: No new information has been received.
- 2.25.10: This application has been **withdrawn**.
- 6.30.10: As viewed from the adjacent property, the upstream and downstream areas have grown to a decent protected surface. I did not see indication of sediment movement.

Mansfield Auto Parts - Route 32

- 6.10.09: Inspection - no vehicles are within 25' of wetlands.
- 7.16.09: Inspection - no vehicles are within 25' of wetlands.
- 8.12.09: Inspection - no vehicles are within 25' of wetlands.
- 9.14.09: Inspection - no vehicles are within 25' of wetlands.
- 10.27.09: Inspection - no vehicles are within 25' of wetlands.
- 11.30.09: Inspection - no vehicles are within 25' of wetlands.
- 12.28.09: There are two cars that need to be moved. Mr. Bednarczyk indicates their payloader is down for repairs and the cars will be moved as soon as it is repaired.
- 1.27.10: No change - the payloader is apart with parts on order to complete repairs. It is of 1986 vintage and finding parts is a major proposition.
- 2.18.10: Same - they are in the process of rebuilding the engine on the payloader.
- 3.30.10: Same - Mr. Bednarczyk indicates a continuing problem finding engine parts.
- 4.13.10: Owner indicates the payloader is operating again.
- 4.15.10: Owner indicates he will have the cars moved this week.
- 4.23.10: No vehicles are within 25' of wetlands.**
- 5.17.10: Inspection - no vehicles are within 25' of wetlands.
- 6.02.10: Inspection - no vehicles are within 25' of wetlands.
- 6.23.10: Inspection - no vehicles are within 25' of wetlands.
- 7.15.10: Inspection - no vehicles are within 25' of wetlands.
- 9.01.10: Inspection - no vehicles are within 25' of wetlands.
Mr. Bednarczyk has started removing tires from the westerly part of his site using roll-off containers. With this arrangement a moderately steady rate of removal of the tires should be possible to maintain until the tires are completely removed.
- 9.28.10: Inspection - no vehicles are within 25' of wetlands.
Tire removal is continuing with 1 to 2 roll-off containers being removed per month.

Memorandum:

September 28, 2010

To: Inland Wetlands Agency
From: Grant Meitzler, Inland Wetland Agent
Re: W1462 - Town of Mansfield - Laurel Lane Bridge Replacement

plan reference: dated 8-02-2010

This application requests approval for work associated with the replacement of the Laurel Lane bridge.

The wetlands here consist of the Mount Hope River and adjacent wetland floodplain areas. The Mount Hope river is one of the three largest rivers flowing through Mansfield, and is a tributary to the Windham Waterworks watershed. There are large wetland areas upstream of the bridge on each side of the river. Wetlands are more limited downstream.

The specific proposal here is to replace the existing one lane Laurel Lane bridge with a parallel 2 lane bridge. The new bridge will be 73' long without the central pier present under the existing bridge. The present bridge is 56' long with a central pier. This change allows greater flood capacity under the new bridge. The present bridge will be removed when the new bridge becomes usable. Part of the DEP reviews of these plans have centered on restoring natural flow conditions in the area with the elimination of this pier.

The new bridge will be supported by rolled steel beams with a concrete deck. It will be supported on integral abutments. This choice has limited the amounts of construction excavation that will be necessary. The foundation piles will be driven and left high with a concrete support block for the bridge ends being added.

Along with replacement of the bridge itself, the road approaches on each side of the river will be upgraded to give a smooth transition to the new bridge. The present deficient wooden bridge railings will be replaced with railings meeting current standards for protecting the approaches to the new bridge as well as adding vehicle support in the event of accident on the bridge itself.

The additional bridge length has allowed keeping the work for end supports out of the edges of the river. Protection has been provided with silt fencing indicated along all of the bridge and roadway construction areas. Adjacent to the new abutments turbidity control curtains are provided in the river flow areas. This refers to heavier curtains hung from a floating boom on the water surface, and is done to limit mixing of sediments and work debris keeping it separate from the main river flow.

Because of the location of the bridge within the Windham Watershed area, the Dept. of Health has added a floating oil absorbent boom across the Mt. Hope River at the limit of the work zone downstream of the existing bridge.

Direct wetlands impacts are indicated as being limited to the eastern shore of the Mt. Hope River limited to 80 cubic yards required for embankment grading in areas on the eastern river shore north of the abutment on that side of the river. An additional 1320 cubic yards of embankment and grading material is indicated in areas along the road and within the 150' upland review areas.

Alternatives have been presented in Part E of the narrative submitted with the application and the choice of Alternative 3 is indicated based on least ground disturbance.

A time limitation on work has been noted on the plans:

"2. unconfined instream work within the Mount Hope river will be restricted to the period from June 1 to September 30, inclusive."

Wetlands DRAFT Motion for: Laurel Lane Bridge

Holt _____ moves and _____ seconds to grant/deny an Inland Wetlands License under ~~§ 26-255~~ the Wetlands and Watercourses Regulations of the

Town of Mansfield to the Town of Mansfield

(file W 1462) for replacement of the Laurel Lane Bridge
over the Mount Hope River

on property owned by the applicant

located ~~at~~ approximately 725 feet east of CT Rte 89

as shown on a map dated 8/02/2010, ~~revised through~~

and as described in other application submissions, ~~and at the Public Hearing(s) on~~

This action is based on a finding of no anticipated significant impact on the wetlands, and is conditioned upon the following provisions being met and stated

- 1) Appropriate erosion and sedimentation controls (as shown on the plans) shall be in place prior to construction, maintained during construction and removed when disturbed areas are completely stabilized;
- 2) Maps shall not be signed until all DEP permit requirements have been addressed;

(last) This approval is valid for a period of five years (until October 4, 2015), unless additional time is requested by the applicant and granted by the Inland Wetlands Agency. The applicant shall notify the Wetlands Agent before any work begins, and all work shall be completed within one year. Any extension of the activity period shall come before this agency for further review and comment.



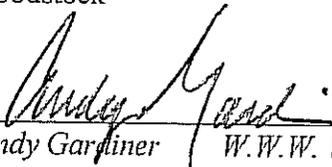
TOWN OF WINDHAM WATER WORKS

174 Storrs Road
Mansfield Center, CT 06250
Tel. 860-465-3075 • FAX 860-465-3085

- Inland Wetlands Commission
- Zoning Commission
- Planning & Zoning Commission
- Zoning Boards of Appeals

- TOWN: Ashford Chaplin Eastford
 Hampton Mansfield Pomfret
 Union Willington Windham
 Woodstock

INSPECTED BY:



Andy Garliner W.W.W. Watershed Inspector

DATE: September 8, 2010, WW File #M0410

The Windham Water Works has received notification of a proposed project per the requirements of Public Act 89-301.

PROJECT DESCRIPTION:

Replacement of the Laurel Lane Bridge over the Mount Hope River

Applicant: Town of Mansfield

COMMENTS:

The Windham Water Works has reviewed the proposed project and with best management practices and with proper soil and erosion control measures throughout the duration, we would have no objections, we will monitor accordingly.

Memorandum:

September 29, 2010

To: Inland Wetlands Agency

From: Grant Meitzler, Inland Wetland Agent

Re: W1414 - RF Crossen Contractors LLC - Rte 195 - 6 lot subdivision

reference: approval letter dated 4.14.2009 - cond. B, second page. (attached).

Based on the approval conditions for this subdivision we have held a \$5,000. wetlands bond that is now ready for release.

The sole remaining condition to be met is the removal of silt fencing which remains throughout.

The contractor has done considerable cleanup along the shared drives and open space areas together with the shared drives having been paved rather than gravel surfaces.

**TOWN OF MANSFIELD
INLAND WETLAND AGENCY**

AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILL ROAD
STORRS, CT 06268
(860) 429-3330

April 14, 2009

R.F. Crossen Contractors, LLC
174 Merrow Road
Tolland, CT 06084

(see second page)

Re: Mansfield's subdivision approval
IWA file #1414

Dear Mr. Crossen,

At a meeting held on 9/15/08, the Mansfield Inland Wetland Agency adopted the following motion:

"to grant an Inland Wetlands License under Section 5 of the Wetlands and Watercourses Regulations of the Town of Mansfield to **R.F. Crossen Contractors LLC** (file no. W1414), for a 6-lot subdivision on property owned by the applicant, located on the north side of Storrs Road, as shown on plans dated 3/31/2008 revised through 7/29/2008, and as described in other application submissions. This action is based on the application submissions, all evidence and testimony presented in a public hearing held on September 2, 2008, observations made on a field trip to the site on August 26, 2008, and consideration of applicable regulations.

The Agency hereby finds:

1. Credibility in the testimony from the applicant's engineer, supported by testimony from John Ianni, soil scientist, concluding that the locations chosen for the two driveway wetland crossings are "conveyance" wetland areas rather than "containment" areas. The driveway crossings being placed in the "conveyance" wetland sections should minimize impact on the flood storage function of this portion of the Nelson's Brook wetland system. The long term water storage function of the site's wetlands will be preserved by the avoidance of construction activity in the wetland containment areas on the site.
2. The revision changing the two brook crossings from piped flow to open bottom arch pipes is an acceptable alteration to the previously submitted design for the brook flow at these two crossings that will preserve the existing wetland function of these wetlands. The design is considered consistent with the 2008 DEP Guidelines for Stream Crossings booklet.
3. The sediment and erosion plan treatment of the two driveway crossings is considered consistent with the CT. DEP Water Quality Guidelines. The drainage design submitted indicates the open bottom arched pipe installation has been proposed to limit flooding and maintain wetland function. In addition, the driveway crossing nearest Storrs Road has a down-slope approaching the actual wetland crossing that has been provided with a stormwater retention basin to contain sedimentation and moderate run-off.
4. The project offers a long term commitment of resources in the preservation of more than 26 acres of open space dedication to the Town.
5. Although proposed development area envelopes are close to wetland areas, slopes are not significant in these areas and undeveloped buffer areas near wetlands can be preserved.
6. A feasible and prudent alternative does not exist based on evidence presented at the public hearing. There will be some loss of wetlands at each crossing but the appropriate locations and protective treatments have been proposed.