

Town Clerk

Inland Wetlands Commission (IWC)  
Minutes - Regular Meeting  
Tuesday, June 25, 2013, 7:00 PM  
Third Floor, Council Chambers,  
Memorial Building, Town Hall  
Rockville/Vernon, CT

RECEIVED  
VERNON TOWN CLERK  
JUL 23 AM 10:14

1. Call to Order & Roll Call

- ◆ Meeting was called to order at 7:00 P.M.
- ◆ Regular Members Present: Mark Kalina, Jeffrey Pescosolido, Lynda Morhardt, Ronald Kane and Frank Galat.
- ◆ Alternate Members Present: None
- ◆ Staff Present: Leonard Tundermann, Town Planner, Terry McCarthy, Town Engineer.
- ◆ Recording Secretary: James Krupienski

2. Administrative Actions

2.1 Communications received not related to Agenda items.

- ◆ Spring 2013, The Habitat Newsletter from the Connecticut Association of Conservation and Inland Wetlands Commissions.
- ◆ Connecticut General Statutes, Revised to January 1, 2013, Volume 8, Title 22a, Environmental Protection, Chapter 440, Wetlands and Watercourses - §22A-36 – 22A-45.

2.2 Adoption of Agenda— Items to be added to the agenda under item #3 “Additional Business” should be introduced to this section “#2.2 Amendment/Adoption of Agenda”

- ◆ Ronald Kane, seconded by Mark Kalina moved a motion to Adopt the Agenda as revised to June 25, 2013. Motion carried. Mark Kalina abstained.

2.3 Acceptance of Minutes.

- ◆ Ronald Kane, seconded by Frank Galat moved a Motion to adopt the May 28, 2013 Special Meeting minutes as amended.
  - Section 2.1, Bullet #5 – To Read: Frank Galat entered the meeting at 7:08 P.M.
- ◆ Motion carried unanimously.

2.4 Call for filing(s) of Intervener petition(s) and determination of status.

- ◆ None

3. Public Hearing

3.1 Application IWC-2013-04) of Terry McCarthy, P.E./Town of Vernon for a wetlands permit for replacement of the West Main Street bridge over the Hockanum River

- ◆ Leonard Tundermann, Town Planner read the Legal Notice into the Record.

*Legal Notice  
Town of Vernon*

*The Vernon Inland Wetlands Commission (IWC) will hold the following hearing at a Special meeting to be held at 7:00 PM, Tuesday, June 25, 2013 in*

*the Council Chambers on the Third floor of the Vernon Town Hall, 14 Park Place, Vernon, CT. 06066.*

*Application IWC-2013-04) of Terry McCarthy, P.E./Town of Vernon for a wetlands permit for replacement of the West Main Street bridge over the Hockanum River*

*Mark Kalina, Chairman  
Inland Wetlands Commission*

- ◆ Terry McCarthy, Town Engineer:
- ◆ David Arzt, Cardinal Engineering:
  - Bridge has been inspected by DOT and determined to be in poor shape.
  - Receiving State Environmental reviews.
  - 24' span bridge built in 1938.
  - Floods during 100 year storm event.
  - 16' existing water main on sidewalk south side.
  - 10' watermain in riverbed under the bridge.
  - 6" fire safety line.
  - Roadway width of 32' will remain the same.
  - 6' sidewalk on the Northside
  - 45 degree wingwalls.
  - 25 degree skew to the roadway.
  - Prestressed concrete structure.
  - Wetlands Soils:
    - 150' of stream work in the wetlands (3,860 sq/ft).
  - DEEP Fisheries
    - Unconfined in stream work from June 1 – September 30 only but all work will be confined.
    - Work areas will be protected by coffer dams and turbidity curtains.
    - 3' boulders will be added to delineate the edge.
    - Streambed material will be added to repair riverbed.
  - Plantings:
    - Replacing existing trees removed during construction.
  - Bridge will be closed during construction.
  - Reviewed proposed construction plans and timetable.
  - Last two catch basins will be required to have 4' sumps.
  - Adding 3' wildlife shelter on bridge.
  - 16' water main to be installed under the riverbed and possibility of gas main in same trench as waterline.
  - Proposed construction timetable of nine (9) months.
  - David Arzt reviewed the supplied comments of Craig Perry and responses dated June 25, 2013 email. (Attachment)
  - Two (2) permits under the applicant to DEEP.
    - Flood Management Certification.
- ◆ Mark Kalina questioned who would determine allowance to bury instead of hanging gas line.
- ◆ David Arzt indicated that Yankee Gas is required to receive approval for burying going forward with plans to hang currently.
- ◆ Mark Kalina questioned safety of existing bridge.

- ◆ David Arzt indicated that it was determined to be structurally deficient and exceeds the cost for rehabilitation.
- ◆ Jeffrey Pescosolido was concerned with water and gas main installation and the safeguards that would be utilized.
- ◆ David Arzt indicated that the turbidity curtains would be in place during all construction of the project.
- ◆ Jeffrey Pescosolido questioned the controls of water control.
- ◆ David Arzt indicated that sheet piling would be installed in the riverbed for the water main installation and possible gas main.
- ◆ Jeffrey Pescosolido questioned location of construction materials.
- ◆ Terry McCarthy, Town Engineer indicated that they may utilize a vacant lot located at the corner of Maple St and W. Main St.
- ◆ Frank Galat questioned plantings to stabilize the river banks after construction.
- ◆ David Arzt indicated that temporary seeding may be utilized and planting may not happen until the Fall of 2014.
  
- ◆ Public Hearing was closed at 7:50 P.M.
  
- ◆ Mark Kalina, seconded by Ronald Kane moved to approve the application as presented:
  - All Best Management Practices are in place;
  - Project may be modified to allow for the installation of a buried gas line.
- ◆ Motion carried unanimously.

4. Show Cause Hearing

Show cause hearings for 11 & 14 Autumn Wood Lane to heard together.

- 11 Autumn Wood Lane
- 14 Autumn Wood Lane

- ◆ Email was supplied requesting postponement to the following regular meeting.
- ◆ Leonard Tundermann, Town Planner read email of homeowner into the record.
- ◆ Marcel Landry:
  - Believes adding a catch basin in rear yard would alleviate drainage issues.
- ◆ Pamela Dagata indicated that a drainage pipe was removed that caused drainage flooding issues.
- ◆ Nancy Carter, 28 Midland Drive:
  - Has contacted the Town three times regarding the drainage issue.
- ◆ Mark Kalina, seconded by Frank Galat moved to Maintain the Cease and Correct Order and to keep the Show Cause Hearing open to the next meeting. Motion carried unanimously.

5. Status of Cease & Correct Orders

- Talcottville Mill, 47 Main Street
  - ◆ Leonard Tundermann, Town Planner indicated that there has been no change in the status to repair the riverbanks.
- 21 Terrace Drive

- ◆ **No updates**

- 19 Grove Street

- ◆ **Mark Kalina indicated that he had spoken to John Ward, Town Administrator and had been informed the cleanup has been put out to bid.**

6. Additional Business

6.1 Receipt of Application and Determination of Significance

6.1.1 Application (IWC-2013-05) of Andre Charbonneau for a wetlands permit to construct a single family dwelling and install a culvert for a driveway crossing of a wetland on property at 133 Washington Street (Assessor's ID: Map #11, Block #0155, Lot/Parcel #09A10 & #01B24).

- ◆ **Applicant has withdrawn the application.**

6.2 Wetlands Enforcement Officer - Report

- ◆ **None**

6.3 Inland Wetland Agent - Report

- ◆ **None**

7. Adjournment.

- ◆ **Mark Kalina, seconded by Frank Galat moved a Motion to Adjourn. Motion carried unanimously.**
- ◆ **Meeting Adjourned at 8:34 P.M.**

**James Krupienski  
Recording Secretary**

Attachment

Page 1 of 2

**Tundermann, Len**

**From:** David Arzt [arzt@cardinal-engineering.com]  
**Sent:** Tuesday, June 25, 2013 3:50 PM  
**To:** Perry, Craig; Tundermann, Len  
**Cc:** Mccarthy, Terry; 'Joseph A. Cermola III'  
**Subject:** RE: West Main St bridge (public hearing)  
**Attachments:** 0210306A\_Turbidity Control Curtain.docx; 0503001A Removal of Superstructure.docx; 0974001A Removal of Existing Masonry.docx; ConnDOT Form 816-Sections 1.10 & 2.10.pdf

Craig,

Attached is the response to the comments of your recent e-mail. I will bring a hard copy to tonight's Public Hearing and submit it so it becomes part of the record.

Comment #1: • The bridge engineer stated that an Erosion Control Plan will be included with the plan set for the commission to review.

Response: The Sedimentation Control Systems (SCS) are shown on the plans. We have also added SCS at the edge of river / toe of slope where riprap will not be placed. All work in the river will be done within a Turbidity Control Curtain (Special Provision attached). All work within the river will be constructed within steel cofferdams or temporary flow diversion devices as shown on the Handling Water and Stage Construction Plans.

Additionally, The Contractor must comply with the State of Connecticut, Department of Transportation, Standard Specifications for Roads, Bridges and Incidental Construction, Form 816, with latest revisions (Form 816), Sections 1.10 Environmental Compliance and Section 2.10 Water Pollution Control (Soil Erosion). Copies of those sections are attached for your convenience. Briefly, prior to commencing work the Contractor is required to submit for review and approval to the Engineer a detailed sedimentation and erosion control plan. All work shall comply with the "Connecticut Guidelines for Soil Erosion and Sediment Control" (DEP Bulletin 34) and the Department's "On Site Mitigation for Construction Activities".

Comment #2: •The procedure for removing the existing bridge (to prevent material from entering the river).

Response: Attached are Special Provisions for "Removal of Superstructure" and "Removal of Existing Masonry" to be used for the West Main Street Bridge Project. These Special Provisions incorporate the requirements for utilizing a debris shield to keep all items from falling into the stream during bridge removal operations.

Comment #3: •The procedure for handling the soil laden water that is pumped from the areas that the contractor will be working in. This was a significant problem with the last bridge that was constructed, especially when a water main is buried beneath the river.

Response: The Handling Water and Stage Construction Plans show the possible location of two "Groundwater Holding Tanks". The groundwater that is pumped from the construction dewatering activities will be stored in a tank until the sediment has settled and the groundwater can be discharged back into the river. The size and location of the tanks will be designed by the Contractor's Engineer based on the proposed construction staging and the pump sizes to be used and submitted for review and approval prior to beginning construction. Full time construction inspection will be provided and if required, the Contractor will be directed to revise the operations to provide additional storage, filtration, etc. to meet the DEEP discharge requirements.

Regards,

David P. Arzt, PE

6/25/2013

Cardinal Engineering Associates, Inc.  
3 Colony Street  
Meriden, CT 06451

203-238-1969 (Office)  
203-630-2056 (FAX)

# CARDINAL

ENGINEERING ASSOCIATES

*Serving Connecticut Municipalities for over 50 years.*

**From:** Perry, Craig [mailto:cperry@vernon-ct.gov]  
**Sent:** Friday, June 21, 2013 10:39 AM  
**To:** Tundermann, Len  
**Cc:** Mccarthy, Terry; David Arzt  
**Subject:** West Main St bridge (public hearing)

Len,

As requested by the acting Wetland Commission chairperson, the following are a few items of concern that were also mentioned at the night the application was received;

- The bridge engineer stated that an Erosion Control Plan will be included with the plan set for the commission to review.
- The procedure for removing the existing bridge (to prevent material from entering the river).
- The procedure for handling the soil laden water that is pumped from the areas that the contractor will be working in. This was a significant problem with the last bridge that was constructed, especially when a water main is buried beneath the river.

Thank you,

*Craig W. Perry*  
Sr. Engineering Tech / Wetland Enforcement Officer  
Town of Vernon  
14 Park Place  
Vernon, Ct. 06066  
Phone: 860-870-3638  
Fax 860-870-3683  
email: [cperry@vernon-ct.gov](mailto:cperry@vernon-ct.gov)