

**TOWN OF HADDAM
INLAND WETLANDS COMMISSION
TOWN HALL
21 FIELD PARK DRIVE, HADDAM, CT
MONDAY, 11 APRIL 2016
PUBLIC MEETING
UNAPPROVED MINUTES
*Subject to Approval by the Commission***

ATTENDANCE

X	Paul Best, Secretary
A	Curt Chadwick
A	Jeremy DeCarli
X	Dan Iwanicki, Vice Chairman
A	Joe Stephens
X	Mark Stephens, Chairman
X	Tom Worthley
X	Dave Costa, Alternate - Seated
A	Gail Reynolds, Alternate
X	Jim Puska, Wetlands Enforcement Officer
X	Bunny Hall Batzner, Recording Clerk

1. Call to Order & Attendance/Seating of Alternates

Mr. M. Stephens, chairman, called the meeting to order at 7:03 p.m. and all regular and alternate members were seated.

2. Additions/Corrections to the Agenda

None.

3. Public Comment

None.

4. Old Business

None.

5. New Business

Town of Haddam, CT, Applicant and Owner. Property Address and Scope of Work: Roadway Reconstruction and Storm Drainage Beginning at 158 McTigh Road, Extending to Jackson Road to Property Located on Assessor's Map 56, Assessor's Lot 12-5.

Jeff Jacobson, engineer, Nathan L. Jacobson and Associates, and Aaron Mortensen, engineer, Nathan L. Jacobson and Associates, representing the Town of Haddam, were present.

Mr. Mortensen reported that the application before the Commission is for Phase I for the McTigh Road Reconstruction Project. Using the map, Mr. Mortensen pointed out the area of the proposed project - west side of McTigh Road to the Jackson Road intersection; and stated that the main project is McTigh Road; however, the application is for the drainage outfall on Jackson Road.

Mr. Mortensen explained that McTigh Road is in need of major repair as well as some drainage issues - the road will be reconstructed adding some curb and storm drainage. Mr. Mortensen stated if the Commission could see the topography, the area slopes down the hill and slopes into the wetlands at the bottom. Mr. Mortensen reported that there is no system currently in the road other than two culverts that cross the road which will be removed and picked up in the proposed system. Mr. Mortensen noted that there is a low point in front of Mr. Hubbard's property where the water ponds up, comes over the crest of the road, and runs into his yard. Mr. Jacobson stated the water also goes into Mr. Hubbard's basement.

Mr. Mortensen reported that the proposal is for approximately 900 linear feet of roadway construction. Mr. Mortensen briefly explained the original proposed design noting there were difficulties in securing an easement from a property owner (Stackpole) and the decision was made to bring the drainage down to Jackson Road and connect to an existing culvert (using it as a discharge point). Mr. Best asked where the water discharges into with Mr. Mortensen responding a wetland area. Using a map, Mr. Mortensen pointed out the wetland area to Mr. Best and Mr. Iwanicki.

Mr. Mortensen reported there is an existing 24 inch corrugated metal pipe under the roadway (very shallow road) collecting drainage that drains down onto Jackson Road from the west. The proposed system will connect to that and discharge at the point of existing discharge.

Mr. Worthley asked about the location of the 24 inch pipe. Using the map, Mr. Mortensen pointed it out. Mr. Worthley clarified that the existing pipe will no longer be used. Mr. Mortensen stated yes.

Mr. Mortensen stated that all piping is 15 inches in diameter through McTigh Road down to Jackson Road, but down by the Jackson Road culvert the proposal calls for replacing the 24 inch culvert with a 30 inch pipe. The reasoning is to maintain velocities and reduce velocities for the discharge point.

In regard to wetland impact, Mr. Mortensen reported that they only impact will be a rip rap apron to dissipate the energy from the outfall and collect it from the inflow. Mr. M. Stephens asked if it's in the same area. Mr. Mortensen stated yes, and that it will be discharging in the same direction and be in the same location as it currently does.

Mr. Mortensen stated that the packet the Commission received contained information for a pre-cast outfall structure that's energy dissipating. Mr. Mortensen reported that he felt this may be too expensive and found a way to revise the project with a rip rap pool basin with end wall (distributed new Grading Plan Outfall View, dated 04/2016, revised 4/11/16, Exhibit A). Using the revised map, Mr. Mortensen reviewed the proposal – headwall that will spill out into a rip rap apron with a plunge pool that will allow it to dissipate the energy and let the discharge go on its way. Mr. Iwanicki asked the depth of the plunge pool. Mr. Mortensen stated the plunge pool will be approximately one foot deep, but will rise up to spill over into the existing waterway. Mr. Mortensen noted that the pipe size (last pipe) has been increased up to 36 inches to cut down on velocities.

Mr. Mortensen explained additional methods that were taken – two catch basins, up gradient on Jackson Road, will have hoods added to catch any debris and to trap sediment before it discharges. Mr. M. Stephens asked for an explanation of a hood. Mr. Mortensen stated a hood is placed over the outflow pipe where the oils will float to the top and sediment at the bottom allowing cleaner water to flow through and allow the Town to clean out the catch basins easier. Mr. Best asked if this was entirely a town project. Mr. Mortensen stated yes.

Mr. Iwanicki asked if Phil Goff, Assistant Director of Public Works, had reviewed the proposed project. Mr. Mortensen stated yes, and that he's been very interactive with the planning. Mr. Iwanicki explained his reasoning for asking and asked if the town is capable of maintaining the plunge pool and catch basins. Mr. Mortensen stated that Mr. Goff didn't mention any concerns. Mr. Jacobson stated that the last two catch basins will have four foot deep sumps compared to 18 or 24 inch deep sumps to allow for more sediment storage. Mr. Iwanicki asked if the town has the equipment to do the clean out. Mrs. Batzner stated Public Works does have a vacuum truck.

Mr. Iwanicki asked if there was anything else being done on McTigh Road that should be discussed. Mr. Mortensen stated that the work on McTigh Road is a basic storm water drainage system as the contributing area, the width of the road, and the horizontal geometry all will remain the same with the main difference will be the curbs. Mr. Mortensen stated that once the works complete, it will make the roadway more driver friendly. Mr. Iwanicki agreed, noting that the area is a tough stretch.

Mr. M. Stephens reported that Lizz Milardo, First Selectman, is excited about this project. Mr. Jacobson reported that the McTigh Road Project has been in the works for some time and has been held up for a number of years for various reasons.

Mr. Jacobson explained the original and current concept design proposals noting the cost benefit of the current design. Mr. Mortensen stated that the proposed design is better than the original noting that the original concept would have required a permanent easement.

Mr. Iwanicki asked if there was a concern in regard to sheet flow on McTigh Road based on the proposed curbing. Mr. Mortensen stated that due to the road being crowned, the flow coming from the south is kept to that side of the road. Using the map, Mr. Mortensen pointed out how the flow is currently being discharge (the two culverts) and that the proposal is to pick it up and run it down to Jackson Road. As for sheet flow beyond that point, it isn't an issue.

Mr. Puska noted that he's very familiar with the project as he's been onsite with Mr. Jacobson.

Prior to the vote on the motion, Mr. Puska asked when the town plans to start the project. Mr. Jacobson stated the hope is to put the project out to bid the beginning of May, but will wait for the 15 day period; and to get a contractor on board so a lot of the activity can occur while the schools are closed for the summer.

MOTION: Dan Iwanicki moved to approve the roadway reconstruction and storm drainage improvements beginning at 158 McTigh Road extending to Jackson Road to property located at Assessor's Map 56 Lot 12-5, as shown on the site plan submitted dated RECEIVED APRIL 7, 2016 LAND USE OFFICE and discussed at the April 11th IW meeting; and including revised 4-11-16 plunge pool plan. See map on file in the Land Use Office. **Conditions:** 1. Standard Permit Conditions. 2. Special Conditions/Modifications – Yes. a. Fifteen (15) day wait for any petition for hearing. Tom Worthley second. Motion carried unanimously.

6. Wetlands Enforcement Officer's Report

Timber Harvest, Chamberlain Hill Road – Mr. Puska reported that he has met with Josh Miller, certified forester, Perma Treat Corp., and that the harvest is underway. Mr. Puska stated that he reviewed the wetlands crossing; and due to the area being wet, it was determined that a bridge in conjunction with corduroy (to cut back on down pressure) be installed.

Giuliani, Little City Road (former pizza shop) – Mr. Puska reported that there has been some brush trimming at the site and that he had spoken directly to Mr. Giuliani. Mr. M. Stephens gave a brief history of the property for Mr. Costa's benefit. Mr. Puska also reported that the Giuliani's' current residence is on the market, that they've renovated the former pizza shop back into a home, and they plan to live there. Mr. Puska stated that the original wetland permit was to the property owner, which the Giuliani's are. The Commission voiced their concern noting the long and repeated history of non-compliance with the owners. Mr. Puska stated that he will continue to monitor the situation.

7. Approval/Correction of the Minutes

MOTION: Dan Iwanicki moved to approve the 16 February 2016 minutes as submitted. Paul Best second. Motion carried unanimously.

Evergreen Subdivision (Driveway/Garage off Beaver Meadow Road) - Prior to the vote on the minutes, Mr. Iwanicki asked if Mr. Puska was monitoring the situation. Mr. Puska stated yes, that everything is fine; and noted that people cannot drive through. Mr. Puska also stated that he's reviewed the map and everything is out of the wetlands. Mr. Iwanicki stated that he's surprised the person to the front hasn't filed a complaint.

7a. Miscellaneous

Lyman Realty Signs, Tylerville – Mr. Costa asked why a sign needed to be at the junction of Route 154 and Bridge Road for the former Brookes property (understands the signs located directly on the property). Mr. Puska stated the sign had been removed.

Griswold Plumbing Signs – Mr. M Stephens asked if he was correct in thinking that it was illegal to place signs all over town. Mr. Puska stated that he's spoken to Mr. Griswold and that he had been assured that all signs would have been removed by the weekend (9-10 April).

Haddam Singles Signs – Mr. M. Stephens reported that these signs are back up all over town again.

8. Adjournment

MOTION: Tom Worthley moved to adjourn. Dan Iwanicki second. Motion carried unanimously.

The meeting was adjourned at 7:38 p.m.

Respectfully Submitted,

Bunny Hall Batzner

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Recording Clerk

The next meeting is scheduled for Monday, 9 May 2016.