

INFRASTRUCTURE COMMITTEE MEETING
Monday, June 27, 2011

HAMPDEN TOWN OFFICE

6 p.m.

A G E N D A

1. Minutes of 5/23/2011
2. Old Business
 - a. Permission to bid – 2 One Ton Trucks
 - b. Marina Parking Lot Lights
 - d. Streetlight Request – Jay's Way
3. New Business
 - a. No Engine Brake Request – Waterworks Hill
4. Public Comment
5. Committee member comments

INFRASTRUCTURE COMMITTEE MEETING MINUTES

Monday, May 23, 2011

Attending:

Councilor William Shakespeare
Councilor Janet Hughes
Councilor Jean Lawlis

Councilor Tom Brann
Public Works Dir. Chip Swan
Town Mgr. Sue Lessard

1. Minutes of 4/25/2011 – Motion by Councilor Hughes, seconded by Councilor Lawlis to approve minutes – unanimous vote.
2. Old Business
 - a. Pool Air Handler – Pool Director Darcey Peakall presented information from the Town's engineering firm related to the potential costs associated with replacement of the air handling system at the Lura Hoit Pool. The first step in determining the cost is determining what the options for replacement are. Motion by Councilor Hughes, seconded by Councilor Lawlis to request that the Pool Board of Trustees expend up to \$3500 for an engineering review to determine replacement options. Unanimous vote.
 - b. 2011 Snowmobile Trail Certification – Motion by Councilor Hughes, seconded by Councilor Lawlis to recommend to the full Council the approval or the Snowmobile Trail Certification program for 2011. Unanimous vote.
 - c. Transfer Station Operation
 1. Request to add C&D dates in April and May – The Town Manager explained the request from a resident that the Town open the transfer station for the collection of construction and demolition debris and wood more days during May and June so that the station is not as crowded as it is by only having two collection weekends a month. The Public Works Director explained potential costs associated with doing that related to disposal costs, as well as additional staff time needed. No action was taken on the item
 2. Transfer Station Decal –
 - a. Group Home Business Designation – The Town Manager explained that she had had requests from two group homes in Hampden for a transfer station decal. The policy has always treated these entities as businesses because the persons requesting the decals are staff members who work at these facilities – not the residents and staff members change. In addition, staff does not reside at the home and we do not issue stickers or passes to non-residents with no residence here. No action was taken on the item.
 - d. Streetlight Request – Jay's Way – The Town Manager reported that she had requested the Public Safety department to review the

request and make a recommendation to the Infrastructure Committee.

3. New Business

- a. Sucker Brook Watershed – The Town Manager presented a memo from Town Planner Robert Osborne on the status of Sucker Brook. It is likely to be named in the near future as an urban impaired stream and that designation carries with it the responsibility of the Town to take action to protect and improve the watershed through the development of a Watershed Management Plan. This item is for information only so that the Council is aware of this very high cost item that will be facing the Town in the near future.

4. Public Comment - None

5. Committee member comments

Brann – Asked about the work to be done on Kennebec Road. The Public Works Director informed the Committee that the State would be putting a coat of paving over it this summer.

Hughes – Questioned the salt price that the Council approved since the question was raised by a Council Candidate as to why the Town did not redo a bid this year and why it did not buy salt locally. The Public Works director explained that the Town 'piggybacked' with the State in 2010 and had obtained a very favorable price, including transportation. The Town buys bulk product with no middleman and the resulting price is substantially lower than could be achieved from a local vendor.

Shakespeare – Asked the ownership status of the road between Shaw Hill and Western Avenue. The Public Works Director indicated that it is a discontinued state road. The Town would not seek to make it a local road unless the State did substantial repairs to it prior to turning it over to the Town.

The meeting was adjourned at 5:55 p.m.

Respectfully submitted,

Susan Lessard
Town Manager



Susan Lessard <manager@hampdenmaine.gov>

Marina Lighting

2 messages

elcopaul@aol.com <elcopaul@aol.com>

Fri, Jun 17, 2011 at 3:34 PM

To: manager@hampdenmaine.gov

Sue,

I assumed you might like to have my reply in writing, for purposes of discussion with others. Please call me if you have any questions.

Sorry for the delay in getting back to you with our recommendation regarding restoring operation of the existing marina parking lot lighting. It has been a busy week.

On the phone with you this past Tuesday, I mentioned a possible temporary fix; the option of spanning overhead cables between the 4 existing wooden poles to reconnect the existing light fixtures (one per pole). After inspecting the site today, I no longer believe this to be a viable option. Reasons: Poles are spaced 225 to 300' apart. That is too far to span a secondary triplex overhead cable. This conclusion because aerial cables necessarily sag between poles and (based upon existing pole height and spacing) the lowest point of the overhead cables would end up too close to the ground. People are moving large boats around down there, with masts and so forth, and this would not be a viable option. Also, guy wire/anchor backstays would have to be added to several of the poles, and the added guying creates snowplowing obstacles and other hazards.

Underground wiring between the electrical service and the several wood poles is really the only immediate option. We could spend some time rewiring the vertical component; the wiring within the center bored out wooden poles (the wiring insulation has been visibly destroyed by squirrels residing in the poles), but there is no guarantee as to the integrity of the existing buried horizontal underground wiring between the poles. Approximately 1000' of trenches could be dug, with new conduit and new wiring installed in the trenches between the existing poles, a branch panel could be added near the existing fuel shed, and the existing lighting fixtures replaced (cheaper than buying replacement components that are probably inoperative), and one could easily spend \$10,000.00 in this manner restoring what you once had back to operation. I wouldn't recommend spending this much on an obsolete system.

The bottom line is the marina parking area lighting is due for a major electrical upgrade (needs to be completely redesigned and redone). With the maturing trees, the spacing between the existing lights is inadequate (even if operation of the existing lighting was restored). New lights should be spaced at around 100' maximum distance between poles, without any tree shading (lights mounted on shorter poles, poles located closer together, and luminaires mounted closer to the ground under the tree limbs). LED lighting has replaced the 2 generations of lighting source technologies that have occurred since the existing mercury vapor marina lighting was installed decades ago.

Finally, there is no quick inexpensive way to restore the (1) existing light on the pole (the

light aimed down at the floats) back to operation without installing a branch panel at that location. All that exists are two BHE meter enclosures on or near that pole. There are no provisions at that location for reconnecting branch lighting circuits. The best option for this location would be to have BHE install a BHE furnished light and pay the monthly fee to them to power and maintain the light on the dock (as is done with many other street lights around town). It is not possible to do the same (a BHE installed light) at any of the other 4 pole mounted parking lot light locations because those poles have no wires running between them (for reasons identified above).

If we can help with a permanent solution, we would be pleased to assist. However, this reply is intended to provide you with a quick study of the situation and advise there are no good inexpensive options for restoring the marina parking lot lighting back to operation immediately. The money applied to fixing the existing system would be better applied to a permanent redesigned solution.

Thanks,
Paul

ELCO Electric
Paul E. Philbrick, President
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207.942.1349 Fax

Mon, Jun 20, 2011 at 6:47 AM

Susan Lessard <manager@hampdenmaine.gov>

To: elcopaul@aol.com

Dear Mr. Philbrick -

Thank you so much for the informative and detailed explanation of the lighting situation at the Marina. It will be very helpful as the Council decides what actions it needs to take in regard to the subject. Thank you also for the 'legwork' associated with figuring this out! We will be in touch as the Council works through its options in this regard.

Sincerely,
Sue Lessard

[Quoted text hidden]



HAMPDEN PUBLIC SAFETY

Police - Fire - EMS
106 Western Avenue
Hampden, Maine 04444
Phone 207-862-4000
Fax: 207-862-4588



To: PSD Rogers
From: Sgt Scott Webber
RE: Street lighting Jays Way
Date: 05/23/11

Based on a review of Jays Way, I feel that a street light located on pole #3 (first corner) and Pole #8 (Cul-de-sac) will adequately illuminate the road.