



Leino Park Water District (LPWD)
Board of Commissioners' Meeting - October 7, 2009

1. **Call to Order** October 7, 2009 at 6:40 PM
 - Members present: Sue Miller (SM), Dave Crumbley (DC), Rick Plante (RP), Don Williams (DW), and Derek Knerr (DK).
 - Guests present: Joseph Cormier, P.E., Principal Engineer at S E A Consultants Inc. (www.seacon.com)

2. **Review and Approve Minutes** - Minutes of 09/02/09 approved.

3. **Reports**
 - A. **Treasurer Report (Finance/Budget):**
 - **Receipts** - none.
 - **Expenditures** - \$12,377.12, mostly for the USDA mortgage payment. The water bill payment to the Town of Westminster is due next month.

 - B. **Water Commissioner Report:**
 - **Budget** - Nothing new to report.
 - **Billing** - Still 2 households that have outstanding balances and have not made arrangements for payment by the end of the month. DC presented prototypes of termination notices generated by the new billing software. Looks very professional. Voted to send Final Notices to both parties.
 - **Maintenance of lines and meters** - There are only about 5 meters left to replace. One will be done this weekend. Discussion continued about doing the rest of them in fairness to everyone. RP will contact household that has the meter pit paved over, to get permission to dig an access hole. RP will also contact the household that has the meter pit under deck for access permission.
 - DC has removed and painted all hydrant flags with fluorescent paint. They will be reinstalled before the snow flies.
 - A sanitary review has been completed by DEP. This has to be done every 3 years. We are better than some, but have room for improvement.
 - **Quality** - DC will do flushing at the end of the month (Oct 26th -30th). TTHM test will be done on Nov 10th. If results come in consistently lower DEP may allow us to do annual or semi-annual testing.

 - C. **Bridge Report**
 - **Legal ownership** - Nothing new.
 - **Time frames** -
 - **Replacement funds** - Nothing new.

 - D. **Maintenance Report**
 - **Meters** - See maintenance item under Water Commissioner Report.
 - **Roads** - Going to put down another couple loads of graded base. Can be



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done soon.

- Will put up new signs within the next couple of weeks.
- Suggestion to put top coat on bridge railings.
- DC is getting a couple of sample bags of topcoat for the bridge surface.

E. Communication Report

- **Website** - DK has contacted Tom Nutting to see about getting electronic copies from the Wyman Lake Association to post on our website. They are still in paper mode but gave us permission to scan and post any mailings from them. Tom stated that the lake drawdown will begin on October 26th.
- **Email** - We have a new email address: LPWD@LeinoPark.org. Anything sent here is forwarded to LPWD@comcast.net, which is regularly checked.

4. Old Business:

- RP has yet to approach Bill Winturri about an easement (via Honey Bee Lane). There is a possibility that this may be a cheaper alternative to replacing the bridge.

5. New Business:

- Joe Cormier, a Professional (and Principal) Engineer at S E A Consultants, distributed a handout Re: Proposed Scope and Fee for Design Services, Leino Park Drive over Wyman Pond Bridge Rehabilitation. This proposal details 2 phases; Phase 1 - Pile Condition Assessment, and Phase 2 - Geotechnical Investigation and Pile Analysis. Phase 1 consists mainly of tests over 2 days to determine if the pilings are in good shape. Screwdriver type boring would be done in 60-70% of the pilings from a boat (that we would provide). Any pilings that are not in good or excellent condition would have to be replaced. Phase 2 would involve 4 soil borings 40 feet below the mud line. Two would be near the existing abatements, and two would be in the water at approximate third-points of the bridge. The results of the borings and pile analysis would determine if supplemental plumb and/or battered (angled) piles would be required to meet existing code (including new seismic requirements) and design criteria. The proposal identifies but does not include the following subsequent phases: preliminary and final roadway design, final bridge design, environmental permitting, hydraulic studies, topographic survey, right-of-way taking or easements, construction documents, bidding services, and construction services.
- Discussion continued on options for a wood or steel superstructure in 14 - 16 foot sections, the fact that the abatements at each end of the bridge need replacing regardless, and whether Mass Highway would have to get involved in our (Chapter 85) design review. According to Joe, the state only has jurisdiction of municipally owned bridges with spans greater than 20 feet, but Mass Highway would probably review the design for capacity and safety, but not impose additional 'highway' requirements. S E A designed the Battles Rd Bridge in Westminster. The design fee was roughly \$120K and construction approximated at about \$350K. Our bridge (almost 200 ft long) is more than twice the Battles Rd Bridge and will require a lot



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more money to replace than any of us expected. Joe will get back to us if he finds any avenues for available funding that we can pursue. Typically if money comes from state, then they will have more say over what we do.

- After some discussion the Board agreed that a decision on this should not be made at this time. DK suggested that we have another firm give us a quote and present their proposal before we make any decision. DC will have Mark Gershman from Beta group come and present their proposal on the 21st.

6. Open Forum - none

7. Adjournment at 8:37 PM. This meeting will be resumed **Wednesday** October 21st, 7:00 PM at 11 Old Oak Ave so that Mark Gershman from Beta Group can make a presentation

8. Next Meeting

- The next regular Board meeting will be held on **Wednesday** November 4th 2009, 6:30 PM at 11 Old Oak Ave. Please note the location change.



Leino Park Water District (LPWD)
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1. Call to Order October 21, 2009 at 7:05 PM

- Members present: Sue Miller (SM), Dave Crumbley (DC), Rick Plante (RP), and Derek Knerr (DK).
- Guests present: Mark Gershman, P.E., Senior Project Manager, and Christopher Jones, P.E., Project Manager, from BETA Group, Inc. (www.BETA-Inc.com)

2. New Business:

- Mark Gershman, P.E., Senior Project Manager, and Christopher Jones, P.E., Project Manager, from BETA Group, distributed a handout titled Leino Park Drive Bridge over Wyman Pond, which was used as an outline for their presentation. Their proposal specifies six phases to completely rehabilitate our bridge: 1) data collection, 2) conceptual design, 3) permitting, 4) final design, 5) bidding, and 6) construction. Data collection involves 3 subsurface borings, each up to 100 feet deep, (one at each end and one through the middle of the bridge) and visual inspection of all pilings, 4 of which will be chosen to have 6 inch deep by 0.2 inch diameter core removed for testing. If needed, an in-place pile load test would be performed to determine capacity of the piles. Conceptual design provides preliminary drawings, estimated construction costs and duration, for up to 3 different superstructure configurations along with pros and cons for each alternative. The permitting process involves preparation and filing of a Notice Of Intent (including supplemental plans) with the Conservation Commission and meeting with them to present the project. Final design generates plans, specifications, estimate of quantities and probable construction costs, as required for MassHighway review in accordance with M.G.L. Chapter 85, sec 35. The bidding and construction phases are fairly straight forward. Each of the six phases was quoted with the exception of construction, since it will be based on the results of the bidding process.
- Mark and Chris distributed two more handouts that included color photos of several types of bridges constructed from various pre-fab materials. Beta Group's sales literature was also distributed to provide an overall idea of the projects they have done. The remainder of discussion consisted of how nice some of the wooden pre-fab bridges look and concern for the cost of replacement being so much more than we had originally thought.
- Agreed not to take any action without a full board.

3. Adjournment at 8:07 PM

4. Next Meeting

- The next regular Board meeting will be held on **Wednesday** November 4th 2009, 6:30 PM at 11 Old Oak Ave. Again, please note the location change.

Respectively submitted,
Derek Knerr - Clerk/Moderator