



LOST NATION-NEW LANDING RCD

November 11, 2008 Time: 7:00PM

I. Call to Order and Roll Call – Marty called the meeting to order at 7:01PM

Board Members Present:

Marty Portner	-	President	Steve Larry	-	Vice President
Herb Hill	-	Secretary	Betty Lou Finn	-	Member at Large

Boar Members Absent:

Glenn Baldwin	-	Member at Large
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II. Pledge of Allegiance

III. Motion to Approve Agenda – Steve motioned to approve the agenda with the following modifications: rearrange the meeting to discuss these items directly after the Treasurer's report: 1. Silt Basin Project, 2. Shoreline Stabilization Project, 3. Motion to approve Dan Carney invoice of \$577.50, and 4. Proposal to Change Regular Meeting Day. Betty Lou seconded the motion and the board approved the motion unanimously by roll-call vote. [11-08-01]

IV. Motion to Approve the 10/14/2008 Minutes – Steve motioned to approve the 10/14/08 minutes and Herb seconded the motion. The board approved the motion with Betty Lou abstaining from the vote. [11-08-02]

V. Review and Motion to Approve Treasurer's Report – Assets in checking and money market as of October 31, 2008 - \$182,420.14. The RCD paid \$370 to K.C.'s Wild Animal Control for two beaver that he caught. They received their 5th installment of taxes on the 24th of October in the amount of \$3,333.67. Steve motioned to approve the treasurer's report and Betty Lou seconded the motion. The board approved the motion unanimously by roll-call vote. [11-08-03]

VI. Topics that May Require a Board Motion

A. LCC Report: Silt Basin Projects

1. Clean out Flagg Road Silt Basin – Jerry reviewed a project scope with Bill Norman to clean the silt basin out and move the concrete that is there to create a ripple dam so that he can go across and clean the basin from both sides. They might also create a little bigger pond in the back and Jerry visited with Bill Kleiman (with the Nature Conservancy) in the event that they encroached on his property and he said that was fine. In the spring they are going to have to look at whether they want to continue to put the fill on the 23 acres or if they should fill a pit that Bill Kleiman would like to have filled (in which there would be a differential in trucking costs). Herb asked what the disadvantage of waiting until spring to have the silt basin cleaned out and Jerry said that ILM calculated that there is as much silt in there now (1,231 cubic yards) as there was in 2006 – the heavy rains that they had this past spring loaded it with silt and the reason you don't want to do it in the spring is because if you wait, if a another rain event should occur this spring, that silt will be driven further out into the lake and also it would affect the fishing spawning if you stir up the sediment in the spring. Steve motioned to approve hiring Nordman excavating to clean out the Flagg Road Silt Basin around the end of November or the beginning of December for a cost not to exceed \$2,500 and Herb seconded the motion. The board approved the motion unanimously by roll-call vote. [11-08-04]

Shoreline Stabilization- Native Plantings SOP – Marty signed it and instructed Becky to send it back to Kaskaskia as soon as possible.

Shoreline Stabilization – Rip Rap SOP – Last month Steve had many questions as to whether the Rip Rap SOP that Joe Rush had presented to the board could be modified to help cut costs (for example using non-state approved rock) and Joe promised to look into that for him. Joe asked Hank Sutton of Lake Rip Rap to review it and give his opinion and he came back with a report that indicated that he recommended that the RCD keep the standard of using only state approved rock to guarantee it's stability for a lifetime and using fabric underneath the riprap to avoid soil washing through the cracks and to prevent plants from coming up through the rocks, both of which can cause the riprap to become unstable. Hank sent a detailed report with pictures of what can happen when you exclude ground barriers. Joe said that if the RCD wants another opinion, they can contact Kaskaskia Engineering for their opinion as well. Jerry thinks that Joe did a very good job and he feels that between the SOP and the adjunct that Joe sent, he doesn't think that there is anything more that you would need to know about rip-rapping a shoreline. Steve asked if the information in Hank Sutton's recommendation was taken from the SOP, for example the geotech fabric meeting IDOT specifications, and Jerry said that fabric was in the SOP, however, the type was not delineated and so Hank's description would be an adjunct to the SOP so that people would know what type of fabric to use. Wendling Engineering sent three points as to why the fabric should be used, however, the only point that made sense to Steve was point one. Also, looking at the pictures, Steve said that they look like they are of big lakes that probably use motor boats. Jerry said that he is not going to interpret the picture as to whether the lake has boats and motors on it – he feels that the picture is self-explanatory and show what happens when you have rain events that come down in he is not suggesting that it is wave action that is doing it. Jerry asked what his point was and Steve said that he wants it to be cost effective to those who have to put it in and wants to make sure that they haven't over-engineered it – point three says "under designed or overdesigned is a problem." He wants to make sure that they are right on so that they can go out to bid for the East Landing. Steve asked how long the state approved rock is supposed to last in comparison to non-state approved rock degrading in 15 years and Jerry said a lifetime citing in the report where it says "If these five problems are avoided and the structure is monitored and maintained, it should be effective for a lifetime." Steve said that that information is important because he needs something to tell the ULLPOA or the property owners when they ask why they must use state-approved rock. Jerry explained that if they don't use underlayment then the specs call for 6 inch bedding, otherwise, if they put underlayment in then they only require 3 inch bedding. The bedding protects the fabric from being torn by the rocks and pinning the bedding prevents it from bunching up. Herb said that they can see an example of that on the shoreline in front of the LCC – where it is bunching up the rock is falling into the lake. Frank said that to help ensure that everyone complies, he would like the board to consider giving the property owners a choice between installing state-approved vs. non-state approved rock for the cost factor. If they did give them the option to use one or the other, make sure that they understand the decision that they are making and that they may have to replace the non-state approved rock in 5-10 years. Tom Wendling asked how much more the state approved rock cost vs. non-state approved and Marty said it costs about twice as much. He then asked how much the fabric was and the board didn't know the answer to that. Tom has a few questions such as this for the board to answer before they can get their shoreline stabilization approved. They have some funds allocated for it – Jeff Lewis quoted the ULLPOA around \$22,000 for 500' (lots 10 & 11 on Oak Lane and Lakeside Park off of Lakeside Drive) – the job included cutting the slope to a 2-1 ratio, using non-state approved RR4 and not using fabric underneath or bedding. Tom Wendling would like to proceed with the job without using the fabric underneath and using non-state approved rock. Jerry said that he has three professionals that have written up a standard and a specification with collaboration by a rip rap specialist of what needs to be done and neither he nor Joe Rush will stand behind anything that's done that doesn't follow what the professionals say, and one of the things they say is that you have to have the bedding or the geofabric. Tom Wendling said that he is not asking Jerry to stand behind what they want to do – they have to look at what it is going to cost them to do it – unless the RCD is willing to kick in some money toward the project. Jerry suggested that instead of doing all 500' (not to what is recommended) they could do 150' the right way. Mike Robinson said that he wants to see the stabilization done right the first time and if it is a cost issue then he would like to see the RCD join in with the homeowners and the POA so that they can get all the right rock and not leave the expense completely up to the homeowner. If you leave the choice up to the homeowner, they are going to probably choose the least expensive method – Marty agreed with Mike.

The board discussed expanding the explanation of the type of fabric to be used under the rip rap. Marty said that the RCD is trying to do the right thing and haven't even looked at what they will do if someone doesn't follow the

specifications. Steve asked Jerry to tighten up the SOP with all the information that is necessary in it and once they have that, then they can go out to bid for the east landing. He also wants to address what the POA is going to do and how soon they need the information to start on their project. They discussed the possibility of coordinating their bidding process with the POA's so that they can both save money on the rock that they will need.

Don Finn suggested that the RCD look into the use of granite rock or going with a larger sized rock so that it would take longer to deteriorate. He lived on a 1,200 acre lake in Wisconsin whose shoreline was controlled by the Wisconsin DNR and he saw many homeowners put rip rap in with the DNR's specifications and none of them put underlayment in – the bank heights ranged from 2' to 8-9', however, most of the rock was granite boulders. Marty thanked Don for the comment and said that they can ask Joe that question. Jerry said that the question of the recommended size of rock was asked and answered in the report – RR3 was the recommended size. Mike asked if the RCD, being a state agency, would be required to use a certain type of rock and Steve said that he doesn't think so. Marty said that he thinks the specifications for shoreline stabilization are pretty fuzzy because they've done everything from seawalls to rip rap to stabilize the shoreline.

B. LCC Report: Shoreline Stabilization – East Boat Landing – Steve motioned to authorize Jerry Sellers to work with Joe Rush on creating a bid spec., to be approved by Steve, for rip-rapping 440' of the East Boat Landing. Betty Lou seconded the motion and the board approved the motion unanimously by roll-call vote. [11-08-05]

C. Motion to Approve Dan Carney Invoice of \$577.50 – Steve motioned to approve payment of \$577.50 to Dan Carney for preliminary engineering work that he performed for designing the Schings Park Silt Basin and Herb seconded the motion. The board approved the motion unanimously by roll-call vote. [11-08-06]

D. Proposal to Change Regular Meeting Day – Due to scheduling conflicts for Glenn and Marty, they would like to change the regular meeting date to the first Thursday of the month instead of the second Tuesday of the month. Becky asked if they could make it the first Tuesday of the month instead because she has a commitment on Thursdays and the board agreed. Marty motioned to change the RCD's regular meeting day from the second Tuesday of each month to the first Tuesday of each month, starting December 2, 2008 and Herb seconded the motion. The board approved the motion unanimously by roll-call vote. [11-08-07]

VII. Employee / Committee / Consultant Reports

A. Jerry Sellers - LMC/Aquatic Management Update

1. Lake Dredging Project – Don Finn did not have anything new to report on. Jerry looked into the viability of renting a backhoe to do their own dredging and determined that the cost of the insurance on the equipment and the operator plus ensuring that the operator is union was prohibitive.

B. Grant Program Update – Rebecca has someone working for her that is researching new grant opportunities. They still are up against state budget cutbacks so some of the C2000 grants that they were going to go after will probably be non-existent so he redirected Rebecca away from spending time and money on C2000 at this early stage. They have an NRCS meeting planned on the 19th to get them involved in the planning and to get their engineering support on the Schings Park silt basin and engineering and studies on the watershed projects on Clear Creek and Babbling Brook. He asked Rebecca to go after the 319 funds immediately and they will put in an official 319 grant in the next phase in the Spring (they should have the leftover 319 grant application done by the next meeting). They will review with the NRCS the nine criteria that the Illinois EPA will require for their future projects so we can incorporate those into our grant process. Mike Robinson asked if the payment to Olson Ecological is paid every month until she hits the budgeted amount and Steve responded that Rebecca is paid at an hourly rate and he watches her time and it is different every month.

VIII. New Business

A. ULLPOA Board Member – Lakeside Park Riprap and Drainage Projects – ULLPOA would like to see more

information and Jerry said that if Tom could give him any questions that he has, he will try to answer them. Steve said that it is important that they address that as soon as possible because the ULLPOA's shoreline, Schings Park is one of the major lakefront property contributors of silt to the lake. There was also a drainage ditch to be addressed that Tom is still looking at.

IX. Old Business

A. Survey – the survey has been tabulated and needs to be analyzed. Frank is waiting to see what the board wants. Marty will work on it and have it ready for the next board meeting. Marty said that he has to try to understand what value the survey has because there were excellent questions asked on the survey but because they didn't get as big of a response as they thought, they have to be careful to ensure that the response isn't skewed when drawing conclusions. Mike asked how many shoreline lots there were and Frank said about 103. Jerry asked how many were sent out and Becky said that about 850 were sent out and about 239 were sent back.

B. Volunteer Wear – Betty Lou asked if the board made a decision on what shirt they liked best and the board said no. Steve asked if Betty Lou was having any luck getting volunteers and Betty Lou said that she has 12 people who signed up. Betty Lou said that as projects come up, she will get the volunteers. Marty said that Betty Lou can reward the volunteers how she wishes – he asked that she come up with a budget for it, for example, hosting an annual dinner. Marty suggested that Betty Lou write an article for the watershed to enlist volunteers. Marty would like to get the volunteers first and then they can reward them.

X. Guest Comments -

A. Tom Wendling – Tom suggested that they could dredge the Flagg Road silt basin each year or even two times a year and wondered if that would have a dramatic impact on the amount of silt coming into the lake and Jerry said that he agrees that dredging the silt basin more often would have an effect although he doesn't think that they would have to do it twice a year, perhaps once a year. Also, if Nachusa Grasslands meanders the creek coming into the lake and gets the cattle off of the creek, that will make a large difference in what we are getting in that silt basin. Tom asked if the POA entertained letting the RCD use it, could they use the property that they own that is up stream of the Schings Park for a silt basin and Steve said that the problem with that property is accessibility – it is land-locked – although they may be able to look meandering the stream on it. Tom wondered if they could get easement from the property owner to go onto the land and Jerry said that even if they did get permission to go onto the land, it may not be large enough to put a silt basin on. Tom said it was a pretty good size. Tom wondered how the property owners living around there would feel about having it Schings Park become a silt basin and Steve said that they are going to make it as park-like as possible and then dredge it when necessary.

XI. Motion to Adjourn Meeting – Next Meeting: December 2, 2008 – Herb motioned to adjourn the meeting at 8:37 and Steve seconded the motion. The board approved the motion unanimously by roll-call vote. [11-08-08]

November 11, 2008 Motion List

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