

**VILLAGE OF DRESSER  
PUBLIC WORKS COMMITTEE MEETING  
JULY 18 2018  
MUNICIPAL BUILDING**

Bryan "Fatboy" Raddatz called the meeting to order at 2:00 PM. Roll Call: Wayne Moberg, Grace Bjorklund(Alternate) and Bryan "Fatboy" Raddatz. Richard Durand Arrived Late. Also present Jodi A. Gilbert/Clerk, Arik Mahler/Public Works, Robert Thompson/Public Works, Joseph Hoban –Dixon Engineering, and Gene & Sharon Hendricks. This meeting was posted that a majority of the board members could be present for this meeting. No other public or press was in attendance.

Discussion was held regarding the Water Tower Inspection Report – Joseph Hoban from Dixon Engineering present. Raddatz turned the meeting over to Hoban. Hoban stated you all have a copy of inspection that was done on June 24<sup>th</sup>. We have reviewed everything to make sure you will meet the DNR Requirements. This was a ROV inspection and you have still pictures and there is an ROV video. I was actually here for this inspection. You will see the recommendations on page 1 to 3. There are pictures in the report and there is an extra set of pictures. Raddatz commented things in the report seem like it is in there double. Hoban stated it is presented several ways. The Wet Interior is included above but can be delayed for another 5 years. We don't recommend overcoats in the interiors – could wait 5 years for a complete redo. If you decided to do with the outside you would get the best prices. The exterior is in good condition. We had in our proposal to take a sample for heavy metals. The original sample size was the minimum – I will do another sample today. #2 We always do a full prime and overcoat. Polyurethane System - that is after the pressure wash. A brush blast gets more off - the alternate is to completely abrasive blast it and do containment. Containment is a big shower curtain that goes around it and they can pull it up and down. Bjorklund asked is that effective? We are not recommending that option. We are recommending #2 for the outside at a cost of \$90,000. #4 this is the full tank interior (could do in 5 years) – the cost now is around \$80,000. Raddatz asked what would it cost in 5 years – Hoban said you are probably looking at a 25% increase. #5 There is a coupling in the bottom of the riser and you put pigtailed on and have ropes - if you have ice that would be above it. You would do this when you do the inside painting. It is an electrode system so you need to have the current. I recommend putting it in. #6 Cut back some of the trees – roots too close to concrete. #7 Some of the foundation is buried – at one point they were exposed. Remove the soil. The DNR wants the foundation to be 2-3 inches above ground. This is incidental. Painters would apply a coating again this is incidental to the project. #8 There is grout missing. Cleaned out those areas and fix. #9 Look at Photo 12 – shows how the water ponds. They would find the low spots and drill them out. #10 Look in the smaller packet of photos – #17/#18 – Independent tie off. 2 ½ inch coupling. That is for rigging on the inside. #11 You don't have any cellular towers on it now it is just open. #12 Install a new photo sensor and LED lights. Do before you paint it and you could confirm with the airport to know if you really need it. #13 Install riggings - Photo #20 – tie off under the bowl. These are all safety things. Bjorklund stated safety items are all required through OSHA. Hoban stated if you don't put them in then they start punching holes. By doing them up front they have a design/weld plans etc... (Richard Durand Arrived). #14 The DNR requires that overflow pipe discharge to be vertical. Need to be elevated down and put an elbow down. According to the DNR it is a safety concern leaving it horizontal. If it discharges and someone is sitting there it could push someone out of the way. When you do any major work the DNR has to review the specs. Paint/Vents/they like pictures. It can take 90 days for DNR approval. You can bid it and have

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DNR specs. The Sample Tap needs to be installed on the bottom and have a coupling on it and it is used for emergency chlorination per NR Code 811. #15 Put in a bigger hatch #16 See pictures #11/#12 - can't get out the bottom. Can pull from the top. #17 If nobody can picture that see picture #19 it is a small piece of rebar. #18 For the Roof Vent see picture #13-#16. You don't have frost free at this time and you have an exposed screen. This is a big DNR no. Like picture #15/#16 a donut plate. So if you are filling the tank - the center pipe inter-screen - drawing down from the tank - big screen - vacuum release on the vent - required by DNR. #19 See pictures #5&#6 - works but not the easiest. The cables below are easier to use. Two new lanyards etc... #20 you don't have one now see photos #24 and #25. Look at the bottom that is the last one. The #22 picture is under designed. The #23 picture is what we design. Nobody falls. We want to make it as safe as possible. If we do a dry inspection someone goes in and repel down inside. The ROV we couldn't go down the pipe. #21 see photos #7 and #11. Now fixed in space. Sometimes wheels. Picture #8 look at picture #9 and picture #10 bigger tank - this would be tied into the balcony. You are always going vertical. Still need to be safe. Raddatz asked what the life on a cable is - 20 year life span - the harnesses and lanyards are expensive. Thompson asked about picture #8 about the tie offs. We don't put horizontal on tanks. Photos 9 and 10 platform - they left hatch on this one but you are redoing this hatch. Bjorklund stated looking at the cost summary \$80,000.00 is the interior coat. We can revisit the engineering costs on the specs. Dixon stated other engineering firms this is not their specialty - this is all we do Tanks. We had recommendations for full time inspections, since we are here. Put together a whole new proposal system - things in there for contractors. Give them 45 days out of service (60 days start to finish). Some contractors are out in 2 weeks and some take the full time. We approve contractors - overtime gets tossed out. By putting out inspectors - they do the work pretty quickly. If we bid out this fall we should get 8 or 10 bids for next spring. Raddatz stated so you have a cost of \$238,000.00, but this doesn't include any pressure tanks which I believe I remember a cost of \$15,000.00. Dixon contractor give you two pressure relief valves. We don't want to waste the water. Bjorklund stated would you go through municipal well and pump - a well company. They have them - well companies come in and provide them. You could get pressure tanks from them. The \$238,000 includes the \$80,000 interior. Thompson asked about taking some box off - a wood box - put steel back on. Hoban the box on the outside of the tank. The box is just insulated. Sample tap - need to be one in the riser. I believe this was in our Sanitary Survey - the coupling and sample tap needs to be put in for emergency Chlorination. Hoban stated I just found out about them. Raddatz asked if there were any other questions or concerns. This was wonderful. Hoban stated I will work on the proposal for the work. Thank you. Hoban left the meeting. Raddatz asked what do you think - what are your thoughts on recoating the interior instead of having to do it again in 5 years. They can do it all at the same time. They have to draw it down anyway. Do we agree on all of these recommendations? Raddatz stated I don't see anything to take off and the last repairs to the water tower lasted for 30 years. Looking at the cost summary Bjorklund stated this is the sensible way to do it. Decide on what work to do and then go to finance - will need to look at some financing options. Motion Raddatz/Moberg to recommend to the board to accept this amount of work to be done on the water tower. All in Favor. Motion Carried. For the August meeting please give the board pages 3-4. Raddatz will give his notes to Gilbert for the packets.

Discussion was held regarding the updating of the 5 Year Road Plan. Do we rank them? Gilbert stated I put together the spread sheet. When talking about water main/sewer main I was looking at whether it is currently present under the blacktop. At this point are we OK with the list. Motion Raddatz/Bjorklund to recommend to the board that they approve the 5 Year Road Plan.

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All in Favor. Motion Carried.

Discussion was held regarding a possible future LRIP project. After reviewing the 5 year plan we may want to look at Polk Avenue. If the water needs to be done there may need to be some engineering. Sewer is already looped and tied into Silver Ridge – we took out the lift station. We would have to see some estimated costs. You also have East Avenue that goes to the Town of Osceola Line. The water main on Polk Ave could be newer than 1958 since it was extended when the houses went in. Would need to look at the age of the water/sewer main. It would be a good place to start storm water, curb/gutter, and black top. Main Street and First Street would be future large possible CDBG Projects. Polk Avenue would qualify for LRIP. Does the committee put together some estimated costs? Public Works and Gilbert will put together some costs on Polk Avenue.

Discussion was held regarding Well House #1 – Building. This could be budgeted in the next year or so. Bjorklund stated it was approved when it was done. Need to find some confirmation of it. Mahler stated we could knock it down. Raddatz stated we may let the professionals do it and bid it out and do it. We could do it at the same time as the sewer plant take down. We can bring this back to public works when we find the file on abandoning the original well.

Is there any other Business? The paint for the cross walks came yesterday. Public works will be taking care of the cross walk. There is paint by Wards and East Avenue already. Those areas don't have dump off's so we can't paint.

Motion Bjorklund/Moberg to adjourn at 3:44 PM. All in Favor. Motion Carried.

Jodi A Gilbert – Clerk/Treasurer

These minutes have not been approved.