

PUBLIC WORKS COMMITTEE
MINUTES
DECEMBER 5, 2011

Chairman Peterson called the regular meeting of the Public Works Committee to order at 6:30 PM. Present were: Trisha Nelson, Cory Magnus, John Peterson, Mayor Adams, Atty. Cox, Bruce Werrbach and Gordy Nygren. Also present: Gail Beach, Robert Nelson and Zack Baker.

Motion by Mr. Magnus, second by Mrs. Nelson to waive the reading of and approve the minutes of November 21, 2011, as presented. All ayes. Motion carried 3-0.

ENGINEER'S REPORT

1. Prairie St. Improvements. All punch list items have been completed and there will be no more work on this project until Spring. We only anticipate reseeding in the Spring and enough funds have been retained to insure this work will be completed promptly when weather allows.
2. DCEO Grant-Athletic Fields. It has been suggested that the Village use the \$100,000 Grant towards creating a parking area for the Athletic Fields. Mr. McMullen stated that they have determined that Village can construct a parking area to serve approximately 130 vehicles along the west line of the property. This parking area will be aggregate only with earthen islands. This will allow for the aggregate to settle for a year or so, and then be paved when funds become available. The excess earthen materials will be used to create a soft sloping earthen berm around the parking area to prevent vehicles from entering the open space.

The anticipated cost for construction of the parking area is as follows:

Excavation/Fill	\$ 21,238.00
Aggregate Base, 10"	73,336.00
Topsoil, Seed, Mulch	<u>7,996.00</u>
Est. Construction Cost=	102,570.50
Engineering, D. & C.=	<u>15,400.00</u>

Total Est. Cost **\$117,970.50**

If this plan is acceptable, we can proceed with design work and have this project ready for bids by late February. This should allow us time to complete the parking area prior to all the summer activities. Construction should only take 2-3 weeks.

As part of the Grant, we had to send in for another historical review and IDNR review. We expect them back quickly. We had already done this, but need a new letter with that Grant number on it to send in with our final agreement showing that we got those final clearances.

3. Well #7. Mr. McMullen reported that the rig necessary to pull Well #7 is still tied up on another project. They anticipate arriving this Thursday and it will take 2-3 days to remove. Once removed, it will be initially inspected and then transported to their yard in Aurora for cleaning and dismantling of the pump. A report on the required repairs will follow.
4. New Well #10. The Illinois Water Survey has completed the water analysis for the proposed new well location. The test shows only that we will have hard water, but no harder than

wells 5 or 9. This laboratory does not test for bacteria, radionuclides or synthetic organic contaminants. Radium is not present in any sand and gravel aquifers.

Mr. McMullen recommended the Village proceed with the ERI study to insure this location on the site is favorable or whether it should move farther into the site. This test will cost \$8,775.00. This test can determine the edges of the table of water that we are drawing from. We are drawing from two tables one 135' deep and one 165' deep. It will tell us if we are at the edge of the vein or whether we should move and it will tell the type of activity in the vein. The well pumped water without having a pump on but we have to determine if it has enough if we put an 800 gallon pump in there and pump for 24 hours. This would be the last test and should be done as a safety measure. We were told that they could get that done by the end of the year. Our next deadline with the EPA is January 15, 2012. At that time we have to let them know we are going ahead with the well or going ahead with the treatment of the other well.

Mr. McMullen stated that we originally designed the water and sanitary to come to the end of the existing roadway area. Two things are going to have to change. Since the well is going to go in there, we had an 8" design, but we will have to bump that to a 12". The sanitary sewer will have to be revised to extend the 8" line to the new well house. The well can be shifted 100-150'. The well will not be under roof. It will be outside in the field. All the chemicals and controls will be under roof. The best location for the well house is not far off the road with close access. Estimated cost to complete this portion of the project is \$166,774.00. We had another plan last year to forget the sewer and extend the water out to the ball fields. The ball fields did very well this year, but water is key especially after fertilization. The cost to extend the water to the ball fields, 964' of 8" water main and 600' of 2 inch services and the cost is \$80,650.00. We are providing a 2" service to the private property under this plan to his property line. Looking at that, we have to upgrade all our EPA water permits because of the size and the railroad permits for water because of the increase in the size of the casing.

Depending on where the budget committee decides where or when this money will come from, this will be one of the primary projects getting going. We want to get the water and sewer in there in the early part of the year. If we start the well in January, it may be ready next December. Basically on each level you have to get a permit, first to drill the well. Once the well is done and tested, then we can apply for the actual well house permit. Each time you apply for permits, it is a 3-4 month process. We have two years to get this done per the EPA schedule. The actual cost for well drilling and well house is another \$350,000. For sewer, water and well, you are looking at \$688,389.00. We have another \$50,000 Grant coming in for the park and \$50,000 from Winnebago County. There are also several other financing methods.

Mrs. Nelson stated that since we got that money from the grant, don't you think we should use it for the water for the ball fields. We have a total of \$200,000 coming in which is about what it will cost to do the parking lot and run the water to the ball fields. Mr. Peterson stated that he was concerned about doing the parking lot prior to the running the water. We sat here and told the private property owner to be patient with us that were going to

- run water there. He did what we asked us to do. Asking him to have his plants wait for water until June or July is not a reasonable request in my opinion. No one is hopping up and down asking for parking. Baseball starts in May, but plants have to be watered before that. Mrs. Nelson stated we have talked about getting that money to extend water to the ball fields for years. She felt that the parking lot should not be our first priority. Mr. Magnus stated we got off track when we found out we were going to have to do a well and knew we had to run water and sewer to the pump house for the well. We figured we could bond that rather than using the grant. Mr. Peterson stated that we have the money to do both, but will we have that other \$100,000 in the Spring. Mr. McMullen stated that the parking lot is only portion they feel they will need for the next few years. You can have the engineering all ready for both projects and then decide which direction you will take first. We have to know before we send the grant papers in which project you will be doing.
- By April we need to know which pot is paying for what. We will be working only in the main corridor and should only take a couple days. Winnebago County has indicated that the \$50,000 will get to us in the first quarter. Mr. Peterson stated that we need to keep our word. You can use the grant to run the water into the park, but not to run the water to the private property owner which will cost about \$3,000. If you want to make that the bare minimum and the parking lot the \$200,000 will cover it. Mr. Magnus stated the ball diamonds are done and they need to be watered. Mr. Sands came to us and wanted water and we gave our word to get water to him. The Boys and Girls Club in Beloit put up cement barriers and wires to cage in their parking area which we could do in our park also. He would rather see the water taken out to the ball diamonds and in the process take the water to Mr. Sands and then do the parking lot after that. Mayor Adams stated that you need to make plans to do both. Mr. McMullen stated that the water and sewer plans will be Project 1 and the Parking Lot Project 2. Mr. Nygren did not think 130 spaces would be enough.
5. Nelson Property. Mr. McMullen stated that he has worked with Batterman on the Nelson Property. They have already prepared the vacation plat which he approved. In their survey, they noted that the right of way was unclear in that block as some people had shown the easement as 60 feet and some 66 feet wide. You will then have an exact legal description if there are any future questions on that property.

MAYOR ADAMS

1. Curb Breaks-Farm and Fleet. Mr. Werrbach stated the curb breaks have been there since last year. Mr. Magnus stated that he had seen them drive a large machine over them recently and damage the curb. We have documentation and will have them repair it.

STREETS & WALKS – MR. MAGNUS

1. Letter from Bob Plessner-Speeding on Kensington. Mr. Magnus forwarded this letter to Chief Dickson to handle.
2. Light Repair-Ice Rink. Mr. Magnus stated that \$3,200 is left in the fund from Fat Wallet which can be used to repair the lights at the ice hockey rink and he will look into it this week.

Mr. Magnus wished to extend a thank you to the Public Works Department for their hard work in preparation for Christmas Walk.

Motion by Mr. Magnus, second by Mrs. Nelson to adjourn at 7:04 P.M. All ayes. Motion carried 3-0.

Respectfully submitted,

Judy Rossi
Recording Secretary