

MINUTES OF THE BOARD OF PUBLIC WORKS
Tuesday, April 9, 2019

The Regular Meeting of the Board of Public Works was held on Tuesday, April 9, 2019 at 7:30 a.m. in the City Council Chambers located at 405 Jefferson Street, Washington, Missouri. The following were present/absent:

MEMBERS:

Chairman	John Vietmeier	Present
Member	Brad Mitchell	Absent
Member	Mike Radetic	Present
Member	Steve Richardson	Present
Ex-officio Member	Steve Strubberg	Present
Ex-officio Member	Vacant	--

OTHERS:

Council Representative	Jeff Patke	Absent
Council Representative	Steve Sullentrup	Absent
Council Representative	Jeff Mohesky	Absent
Council Representative	Greg Skornia	Absent
Mayor	Sandy Lucy	Absent
City Administrator	Daren Lamb	Absent
Water/Wastewater Superintendent	Kevin Quaethem	Present
Water/Wastewater Secretary	Beverly Hoyt	Present
City Engineer	John Nilges	Present
Assistant City Engineer	Andrea Lueken	Absent
Emergency Management Director	Mark Skornia	Absent
Fire Chief	Tim Frankenberg	Absent

Originals and/or copies of agenda items of the meeting, including recorded votes are available on record in the office of the Public Works Department for one year. Video/DVD and audio tapes are kept only until the minutes have been approved for the meeting. DVD copies of this meeting are distributed to Board Members if requested.

A motion was made by Mr. Radetic and seconded by Mr. Richardson to approve the minutes from the regular February 12, 2019 meeting. The motion passed without dissent.

March 2019 Board minutes were emailed to Mr. Mitchell and he has agreed to approve minutes.

Wastewater – Biological Odor

We have been working on this ever since we installed the temporary biomass peat moss filter down at the Wastewater Treatment Plant over the influent wet well. Finally gone through budget and have received two separate bids.

We have a request in front of the Board to move forward with the purchase of this equipment. One is through Integrity Municipal Systems and the other is A2 Environmental. Integrity's purchase price is \$101,400.00 and A2 is \$106,690.00. There is a \$140,000.00 in the budget for this and we will cover some of the piping that will be done in-house and the installation.

This will take care of the odors coming into the plant. The influent wet well will be piped to the unit. The headworks building which will also be piped to the building, will take the grit separator which is at the back side of the headworks building to be piped to the air scrubber and discharge. This will be an easily maintained system. I took a field trip to a plant over in Illinois that is four times the size of ours. They have two (2) of the Integrity systems already in place for four years. They are just now having one (1) bearing going out on this blower. Other scrubbers they had used beforehand were charcoal based filters, and were being worked on all the time until they replaced them with this system.

Their plant is actually expanding and they are looking into purchasing two (2) more of these units, they like them that much.

The equipment has a 20-year life expectancy. It will come with a yearly maintenance on the bio mass, just pulling it out and maybe reseeding or replacing. The plant usually pulls this out and checks it on a yearly basis. The warranty is a standard one year.

We actually have a cover over the grit cell that is fiber glass. This was installed many years ago. The cover stays, we will modify that cover and add an apparatus to mount a tub to, which will pull the air out. The influent wet well, we will have to have a cover made. The very first one, we will have to take off all that bio mass. The company then will build a fiberglass cover with the same connection type and will pipe up the wall next to our influent pipes. Take the top blend it in, bring two (2) lines in from the headworks building then drop down to the other side.

Will be meeting with the company later today, they will take measurements and give us a cost that will probably run somewhere near \$20,000.00 to \$25,000.00. There is budget money to cover these costs. All insulation is being done in-house and our guys will be doing the piping.

Public Works Superintendent is recommending this to the Board for approval and asking to send to Council.

Mr. Richardson approves the motion and Mr. Radetic seconds to move this on to City Council for approval.

The board has requested a field trip to the Wastewater Treatment Plant. It is recommended with the weather being good to move forward with this soon. Once the air scrubber is in we can take another tour.

Once Council approves this should take about twelve (12) weeks to get in. Integrity will actually do a design and build of this equipment for our plant. We know the size but they will come and get measurements. These are all individually built, they are not package deals. The company has our plans of the plant, but will still be measuring for size. This will be up and running sometime in the fall.

This is not to say that there won't be any odors, we will still have some musty odors. The odors we have during the fall are mainly coming from the fair grounds. This unfortunately will not be ready this time, but we should see a difference next year.

Water

Water is good, we are still working on the specifications for Enduro Tower. Well 9 is coming along good. We have the roof and are working on the inside getting insulation and walls up. By time summer hits we will have it up and running.

Bieker Road and Steutermann Road, putting in sidewalks. Planning on taking Meadow Dr. out into Steutermann to get some more space, should give us about two (2) feet to help people pulling out on Steutermann. Trying to get a better sight around the well.

Meters are being installed at the Riverfront, there are five (5) spigots that were never metered and we noticed a lot of individuals that use Riverfront by hooking up a hose. So meters were installed along with shut offs and now are open for purchase of water. These are owned by the Boat Docks. They will choose how to bill for the usage. The owners will be responsible from the curb stop up to the meter. Same rules that apply to residential will also apply to the boat docks.

There is one frost free up by the telephone pole that is free to the public, if anyone has a jug they will be able to fill up from there. Out of the five (5) docks that have water they are individual docks that are now being considered individual properties.

Other

Wastewater Treatment Plant Award – While attending the AWWA Conference, I was notified about an award that will be presented to our Wastewater Treatment Plant at one of our City Council Meetings. They won small systems treatment plant of the year award. We were nominated by someone we don't know who, it's no one from the city. This is an annual award, there were six plants in the running. There are hundreds of plants our size in Missouri. This industry is mostly out of sight out of mind. We only hear about problems, never usually hear the good side. We are members of both Missouri Rural Water and American Water Wastewater

Association. Within the next five (5) years the industry will be losing around 50% of their work force due to retirement from the industry.

Old Business

Enduro Water Tower specifications - - We are working on getting the specifications together. We are working on getting a ring on top like Crestview Tower for some of the antennas that we use for communications. All the towers are a meter communication point. Enduro has such a slanted roof that the antenna out there now for the meter system is leaning, works better at a 90-degree angle than a 75 degree.

All the work at Crestview has been done, except for seeding and straw, which is all being done in house.

Budget Work – As of now we are doing good on the budget. We are starting the budget work for next year already. Once we get it together we will present to the Board for their review.

Information was passed on earlier to Mr. Vietmeier that shows how our water rates match up to all the other cities in Missouri. I think it shows that we are about 50% to 60% of the average than the rest of the state which is impressive. Once all the figures are together we will have a presentation for the Board.

The study does show the need for another tower on the east side of town. The increase of building has been over 100 – 120 lots plotted in the past few years. This is all something we need to talk about and we have started conversations with the information from other municipalities. The information shows where we sit and how we spend the money.

The pumps are being built in Sweden and should be here by sometime in May 2019. As soon as it shows up Vandavender Engineering will be out to do the work. A pump of this size is not on the shelf and has to be built from ground up and does take time.

Open Discussion

Just another indication we are spending money to keep this system running. Both water and wastewater had a descent winter, water main breaks and such was minimal. As we pave various streets. We look at the water mains and sewer mains before improvements are made. We make sure we are not throwing money away three years down the road. Doesn't do us any good to do a major project that should last 10 years, only to have a sewer pipe collapse. The term you hear a lot is "Aging Infrastructure". If we don't take care of it now that infrastructure will continue to age and become a problem for our kids and grandkids. It takes money to do this, operational costs increase every year and when revenue doesn't increase because we aren't raising the rates to cover. It will get to a point where we do as much as we can but it will all catch up one day.

Do we raise our rates incrementally now or do we raise them in one great big lump sum? I hear some communities have raised their rates by 85%. A gradual increase instead of lump sum is less painful. The idea is to get caught up to where we should be, we just haven't gotten that far.

Discussion with regard to the intersection off International and 100 being the most dangerous intersection. A traffic study was done when the Phoenix Center II went in that identified the need to make a right in and right out of the location. However, the city does not own the street, retailers are required to have three (3) access points.

A petition has been prepared and will be presented to the city Council from all the subdivisions, which is what needs to be done at this point.

Next Scheduled Meeting Date

The next scheduled meeting date is May 14, 2019.

Adjourn

There being no further business the meeting adjourned.

Prepared by: Beverly Hoyt
Beverly Hoyt
Water/Wastewater Secretary

Adopted and Approved by the Board of Public Works:

Date: May 14, 2019 Signature: M. J. ...
Secretary