

MINUTES OF THE BOARD OF PUBLIC WORKS
Tuesday, September 28, 2021

The Regular Meeting of the Board of Public Works held on September 28, 2021 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	Present
Member	Mike Radetic	Present
Member	Steve Richardson	Absent
Ex-officio Member	Steve Strubberg	Present
Ex-officio Member	Vacant	--

OTHERS:

Council Representative	Steve Sullentrup	Absent
Council Representative	Mark Wessels	Absent
Mayor	Sandy Lucy	Absent
City Administrator	Darren Lamb	Absent
Water/Wastewater Superintendent	Kevin Quaethem	Present
Water/Wastewater Secretary	Beverly Hoyt	Present
Public Works Director	John Nilges	Absent
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.

Minutes

A motion made by Mr. Mitchell and seconded by Mr. Radetic to approve the minutes from the regular August 24, 2021 meeting. The motion passed without dissent.

Priority Items

There are no priority items. Everything is running really good.

Wastewater

The system is doing good. At the last two rain events we had we can now monitor levels at both the Walnut Street and West End lift stations at the same time and in both rain events we handled all the excess flow we had. We generally jump by, see we went from seven feet to ten feet at Walnut Street and we went from two feet to four feet at West End. So point being all the I & I work we're doing with the slip lining and everything we have been doing on the west end of town appears to be proving itself very worthy and very good and we are going to continue doing it.

We've got a big project going on right now with slip lining in this area of town, still in the west end. The project hasn't started yet, Insituform is doing their evaluations and then they'll come in and slip line. Hopefully by the end of the month they'll get that started, so we are going to keep going with that. We are getting funding from the storm water side to help fund the slip lining which is a good thing. We're getting like \$200,000 from storm water, which ties together because its storm related. Every time we have inflow because of heavier rains it creates an infiltration inflow, so it can be funded with some of the storm water funds which helps out so we can do even more. We are doing about 6,000 feet this year, kind of bringing from the old budget year and rolling into the new budget year. That's a lot of sewer lines. We're able to do the six inch which is good. The majority of our lines around here are six inch which we couldn't do until about 2 years ago. It's all good, it's showing it's a good project that we're working on.

Good, when you do, I remember last year we did a tour of manholes when they were doing that, so when we do the slip lining and there is a manhole in that project it gets coated as well?

Yes, yes, we follow up just like we did last year. Last year's project was the first year we did it. We slip lined and we had 25 manholes that we lined with that. We monitor them throughout the year, they are working great, it's a good product that's going in the ground. It creates a whole nother, about a 1/4 inch, layer. It's basically a hardened polyurethane rubber. We also added that into our M.E. Frick Drive lift station when we rebuilt that one last year. We sprayed that whole manhole structure, the whole wet well structure with it. We've been monitoring that and since last year we have had no grease build up which we had continuously with just a concrete wet well.

That's just what I was going to ask you, the one's downtown, the old one's are generally brick, and that's very important that we do that, but the new one's would be concrete?

The concrete one's would have, they have joint sections, the problem with the new concrete one's is the manhole structure itself is solid, it's where they make the joints as they stack them on top of each other, If they don't seal that joint off correctly then that is where you get your infiltration at. It happens on a regular basis that the manholes aren't sealed correctly. Three or four years down the road infiltration comes in. You have a big round piece of concrete that you're trying to set down in a hole with either a backhoe or track hoe and the guy down there trying to line it up and it's moving and all it takes is one shift. The black sticky joint compound that goes between the joints is supposed to stay where it's put but the sections can slip if there is dust or it rolls. Then you end up with infiltration.

Water

We have an invoice from Cochran in the amount of \$1,285.05, staff recommends payment.

A motion was made by Mr. Radetic and second by Mr. Mitchell for approval of Cochran Pay Request #6 in the amount of \$1,285.05. All in favor aye, all oppose, none. Proceed with payment of invoice.

Clay Street and Enduro Tower Repaint

The company showed up yesterday and we drained the tank yesterday. They were supposed to start the 13th but the company is two weeks behind, it happens. The sand blaster will be here on this Sunday and will start on Monday and then it will be weather dependent from there. If good weather they will roll right thru it but if it rains they will stop or if it's windy they'll stop don't want any of that blowing through the neighborhood. This tank is not encapsulated. Possibly will be done in a couple weeks, then they will roll out to Enduro and start there. We'll also have to get Clay Street up and running. Hopefully we'll be done with both by the end of fall. If not all their equipment will stay out there, the tank will be left full and then begin in the spring. Originally, one was supposed to be in the fall and the second in the spring. They asked if they could start on the Enduro Tank if they get Clay done early enough and we agreed on that so that we can get this project done, there will be no dollar changes, no agreement changes for that. It's just a matter of moving one to another.

It will be finalized in this upcoming budget year. The cost to paint the tanks was, off the top of my head, \$532,000 for both tanks. The company we are using now, Worldwide Industries, has never been used before, they do work primarily on the east coast and they are trying to branch out, trying to get more business. They did a lot of overseas work in the eastern countries designing and building water tanks. They helped bring water to countries that didn't have it. They are a family business. As the two brothers got older they got tired of traveling overseas so they came back here, they're from Virginia I think. They use water sand blasting, green technology; the beads will actually break down along with the paint material. I can't wait to see it. The only other sand blasting I've seen is Enduro water tower. It rusted after it was built and they sand blasted it with metal BBs before they painted it and it took forever for that to sink down. Crestview water tower had 300 big bags of stuff sitting there and this process will break it down to two 55 something bags, supposed to be a lot less. Hopefully we'll come back in few weeks and one tank will be done and will be moved to the other one. And that is blasting the inside and outside. So basically, we'll have brand new tanks. Then we'll only have inspections every 5 years per DNR regulation.

Old Business

Meadowlake Farms is all done. We are now working on Fire Hydrant maintenance out there, probably hasn't been done since it was built. First one we tried to raise we'll have to replace because we literally cannot get it apart, we'll probably have to replace them all. There are about 12 hydrants out there, they are higher priced hydrants, standard Mueller hydrants. Mueller hydrants are notorious for, as the years go on and regular maintenance isn't done they cease up at the bottom. There is a shoe and valve at the bottom so that the valve when opened is opening against pressure because it goes down and when you close it, it's closed with pressure. Most people think that when you close a fire hydrant you're supposed to turn it one more time to get it really

tight. The valve has guides at the bottom and they get twisted, so it won't come apart. We bent two breaker bars trying to get it apart.

We have hydrants they are about \$1,500 apiece, it's part of the agreement part of everything else. Now it's just regular maintenance for a system in the City of Washington. That particular hydrant was inoperable, it broke. We are going to expedite this, we have located in for that particular hydrant and will be working on it tomorrow. I've got one guy checking on the other ones and that'll give us a good number on the one's that need to be replaced. This is not a HOA thing. They should have inspected them in the past but we have to move forward. Just wanted to warn you in case someone asks why they are digging up hydrants in Meadowlake Farms.

Next Scheduled Meeting Date

The next scheduled meeting date is Tuesday, October 26, 2021. Kevin will be at a conference. John should sit in for me. At this point in time, the only update would be the tanks. Kerry and Chad, the two foremans will be here to answer any questions; they'll know what's going on. We have a meeting every morning to discuss things so that if I'm gone everything will be well managed.

Adjourn

There being no further business the meeting adjourned on a motion by Mr. Mitchell and seconded by Mr. Radetic. All in favor aye, those oppose, none. We are adjourned.

Prepared by:




Beverly Hoyt
Water/Wastewater Secretary

Adopted and Approved by the Board of Public Works:

Date:

10/26/2021

Signature:



Secretary