

MINUTES OF THE BOARD OF PUBLIC WORKS
Tuesday, September 20, 2016

The Regular Meeting of the Board of Public Works was held on Tuesday, September 20, 2016 at 7:30 p.m. in the City Council Chambers located at 405 Jefferson Street, Washington, Missouri. The following were present/absent:

MEMBERS:

Chairman	Kurt Voss	Present
Member	John Vietmeier	Present
Member	Brad Mitchell	Present
Member	Mike Radetic	Present
Ex-officio Member		

OTHERS:

Council Representative	Jeff Mohesky	Absent
Council Representative	Josh Brinker	Absent
Council Representative	Steve Sullentrup	Absent
Council Representative	Greg Skornia	Present
Mayor	Sandy Lucy	Absent
City Administrator	James A. Briggs	Absent
Public Works Director	Brian Boehmer	Present
Water/Wastewater Superintendent	Kevin Quaethem	Present
Water/Wastewater Secretary	Beverly Hoyt	Present
City Engineer	John Nilges	Present
Assistant City Engineer	Andrea Lueken	Absent
Fire Chief/Emergency Management Director	Bill Halmich	Present

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. Vietmeier and seconded by Mr. Mitchell to approve the minutes from the regular August 9, 2016 meeting. The motion passed without dissent.

Wastewater

Everything is good, we do have some issues on Front Street that we are working on and will continue. The heavy rain we have had caused the manholes to back up. We are working to try and figure where that's coming from and a process to alleviate.

Water - Donohue Invoices and Final

Apparently there was an email that we never received from Donohue with these two invoices. We asked that Donohue resend the Invoices #12 and #13 along with their final invoice to complete out the Hydraulic Study. The City has already had the chance to use this twice and it has been helpful in the development of the Water Extension project for Autumn Leaf.

A motion was made by Mr. Radetic and second by Mr. Vietmeier to approve Invoice #12 and #13 along with the Final Pay for Donohue.

The Chlorination project has already been finalized and permit received. We will be meeting with Donohue next week to go through the buildings. Once this is done Donohue will sign off and send back to MDNR(Missouri Department of Natural Resources) and that will be the final.

Manhole Coating (15)

We went out for bids for the coating of 15 manholes that we know have infiltration problems. We are planning to line these manholes this year and monitor to see how the process works and if it holds up well. Next year if the process worked we will continue the process and do more manholes. There were several ways the lining could have been done, there is cement lining, epoxy and there is a cured-in-place process which Insituform does and is a very expensive process. This would be for manholes that are too deep and falling to pieces. Hogan Painting & Sandblasting actually comes in and cleans the manholes with a special chemical and then pressure washes. Then an epoxy cementitious material will be used. They will drill holes into the manhole that will be shot into the outside of the manhole so it fills any voids around the outside. Then they will line the entire inside of the manhole with the same material. This all happens while the flow is still going through the manhole. We went out for bids and got only three (3) bids, Visu-Sewer, Hogans Painting & Sandblasting and Utility Solutions. Utility Solutions didn't want to send anyone out to look at the manholes and I don't feel comfortable with that so we went with Hogan. This will be done this calendar year. But the money is budgeted every year.

A motion was made by Mr. Mitchell and second by Mr. Vietmeier to accept Hogan Painting & Sandblasting to coat 15 manholes. It is approved.

Water Line Extension (Autumn Leaf)

This would be to improve fire flow in Autumn Leaf Subdivision. At this time there is only one feed coming into this off Highway A so the fire protection has been low at 787 gallons per minute (gpm) that is well below our city codes of a 1,000 gpm per residential. The plan has always been to tie into another line. Sophia and Emily Lane both have 8" lines ran up to property line for future extensions. Now the property owner has started developing on High Street and ran a 12" down. I am proposing and would like to get the Boards approval to negotiate with the property owner to see about running a 12" line all the way down and tying into the Autumn Leaf Subdivision. If we do that it will give the subdivision a proposed fire flow of a little over 1,900 gpm, this will also improve water quality over time. There has never been a water quality problem, but on our last ISO rating this is one place we got dinged on for having inadequate fire flow protection. We really do need to install at least three (3) hydrants in this subdivision somewhere. Two Thousand one hundred (2,100) feet needed and cost around \$45,000.00, that money is always budgeted in our water line extensions. We are not proposing this for the fiscal year but hoping the next fiscal year.

This will benefit the property owner as well. We are looking into this being maybe a joint venture since it will benefit the property owner as well. We could at least sit down and have a discussion on the extension and how it will benefit both sides. Board members are in agreement that we should move forward with discussions on the water line extension to Autumn Leaf Subdivision.

Chief Halmich spoke to say that he feels we have a very good working relationship with the Public Works Water and Fire Department. Last year our ISO rating was Class 3 and we were reminded that the color code should match fire flow venue. Residential is 1,000 gpm, multi-family, townhouses, apartments all should be 1,250 and Commercial is 1,500 gpm. Residential color is green, so ISO drives around and sees an orange hydrant that is 750 and questions whether it's painted wrong or the flow is not in the pipes. ISO comes out and analyzes the code, fire flow periodically and do spot checking and the two have to match. This border line extension would be getting us up to par on residential fire flow and hydrants can be repainted with the appropriate flow. This was our only deficit in the fire flow requirements. This will help our ratings.

Over 1,500 are painted blue. We calculate the flow by flowing the fire hydrant, then taking static upstream and downstream residuals. Then we color code that fire hydrant to the color with system drawn down to 20 PSI. That is minimum requirements for fire protection by MDNR standards and the EPA standards.

Other

No Discussion.

Old Business

No Discussion

Open Discussion

No Discussion

Next Scheduled Meeting Date:

The next scheduled meeting date is October 11, 2016.

Adjourn:

There being no further business the meeting adjourned on a motion by Mr. Mitchell and second by Mr. Radetic. All in favor aye, those oppose. We are adjourned.

Prepared by: Beverly Hoyt
Beverly Hoyt
Water/Wastewater Secretary

Adopted and Approved By the Board of Public Works:

Date: 10-11-16 Signature: John Vitman
Secretary