

PUBLIC WORKS & HIGHWAY COMMITTEE MEETING MINUTES

October 3, 2017
Village Hall Board Room

CALL: Chm. Kaminski called the meeting to order at 5:30 p.m.

ROLL CALL: Chm. Kaminski, Trustee Members Campbell, Warren and Zabel. Also present were Director Ratayczak, Engr. Laning and Secretary Wick.

PREVIOUS MINUTES: MOTION made by Warren, seconded by Campbell to approve the minutes of September 12, 2017.

Motion carried unanimously.

PUBLIC COMMENT: None

DISCUSSION/RECOMMENDATION – WELL #3 REHABILITATION: Dir. Ratayczak reported Well #3, constructed in 2006, was one of two deep Village wells that has a radium removal system. Testing was completed which indicated the well was in need of cleaning to remove the growth of biofilm and replace the filter media. The rehabilitation work had been in the planning stages for a couple of years. The pumping equipment is at its service life where it was recommended to be inspected and replaced as necessary. Foth Infrastructure & Environmental had been working with the Water Utility to evaluate the condition of the well and provided a proposal to perform the well rehabilitation project. Engineering fees were estimated at \$26,900, contractor costs at \$120,000 and filter media replacement and associated training at \$33,800. In closing, Dir. Ratayczak noted Well #3 had been taken out of service due to the inability of the well and filter equipment to produce water that was acceptable.

Water Superintendent Paul Haugen stated at no point was the Village in violation with the WDNR. Back-flushing of the media indicated bad water quality and therefore the Well was taken out of service.

Greg Bolin of Foth Infrastructure had prepared the rehabilitation proposal which was presented to the Committee. He noted the water quality of the well was not health related but aesthetically it was suspected it was due to biofilms. Further samples of the water quality at the well showed the filter media was fouled with biological growth. Mr. Bolin explained the well environment was not pristine. There was presence of non-pathologic micro-organisms that could cause certain conditions in the well to affect water quality. Mr. Bolin recommended the following; cleaning and disinfecting the well, piping, detection tank, filter, removing and replacing the filter media and cleaning the filtered tank once the media was removed. In order to clean the well, it was necessary to remove the pump from the well. It was suggested it would be the appropriate time to replace the original well pump which was 12 years old and past its life expectancy of 10 years. Rehabilitation could take up to 4 months to complete. Disinfection and cleaning of the well would require DNR approval. Rehabilitation of the well will last 10 years. Committee comments included;

- Will Foth Infrastructure look at the Village's process to minimize the biofilm either with chemicals or cycles, etc.? Mr. Bolin stated as part of the rehabilitation there will be a standard procedure for treating the well for biofilms which should be done every 3-5 years.
- The Engineering fees would not exceed \$26,900. Costs could come in less.

- Mr. Bolin had been involved with Germantown through other firms for many years. He was involved with the design and construction of Well #3.
- Upon the construction of Well #3, two procedures were pilot tested to decide what treatment to use. Both had worked and it was usually the question of economics vs. convenience. There are no new products or means by which to minimize the radium.
- This project would use water utility funds for implementation.
- Training will be provided by the company to teach staff on how to effectively service the media replacement.

MOTION made by Warren, seconded by Zabel to forward to the Village Board with a positive recommendation to approve the rehabilitation of Well #3 for an estimated cost of \$180,700.00.

Chm. Kaminski requested this topic be addressed under New Business of the Village Board agenda so all Board Members have an understanding of the Well rehabilitation.

Motion carried unanimously.

AUTHORIZATION TO PAY INVOICE – D.F. TOMASINI:

MOTION made by Zabel, seconded by Warren to forward to the Village Board with a positive recommendation authorizing the payment of \$8,053.64 to D.F. Tomasini for the emergency repair of a 12' water main failure on River Lane at Bunsen Drive. Funds to be allocated from Acct. #50-742-530-6750.

Motion carried unanimously.

AUTHORIZATION TO PAY INVOICE – STARK PAVEMENT CORP.:

MOTION made by Zabel, seconded by Warren authorizing payment of the Stark Pavement Corp. invoice in the amount of \$4,526.32 for hot mix asphalt material used to patch various areas within the Village. Funds to be allocated from Acct. #10-542-530-3505.

AUTHORIZATION TO PAY INVOICE – LANNON STONE PRODUCTS:

MOTION made by Warren, seconded by Zabel authorizing payment of the Lannon Stone Products invoice in the amount of \$4,589.99 for delivered stone used to patch various project locations within the Village. Funds to be allocated from Acct. ##10-542-570-8100 (Beech Drive Drainage project), #10-542-530-3510 (Road shouldering) and #50-742-530-6730 (Water main breaks).

Motion carried unanimously.

RELEASE OF RETAINER – 2016 SEALCOAT PROGRAM – FAHRNER ASPHALT:

MOTION made by Warren, seconded by Campbell authorizing staff to release the 2016 Sealcoat Program project retainer in the amount of \$7,392.00 to Fahrner Asphalt.

Motion carried unanimously.

AUTHORIZATION TO SPEND FUNDS – COUNTY HIGHWAY Q COORDINATION

PROJECT: Supt. Olszewski stated the County Highway Q signal project has been a work in progress since 2015. Multiple jurisdictions were involved and now can move forward with the controlled adaptive timing pattern of signals generated by the WDOT in the corridor from Maple Road and Appleton Avenue to County Line Road and Division Road. At this time additional expenditures are needed to complete the Village's portion of the project. Supt. Olszewski stated up to this point 7,800 feet of fiber optic cable has been purchased at a cost of \$3,000. Staff solicited pricing from three area contractors for the boring and pulling of the fiber. Prices obtained found Pieper Line as the apparent low bidder for both the boring and the pulling of fiber. Signal cabinet equipment upgrades to utilize the fiber optics will be provided by TAPCO as they are the only provider. Committee discussion included;

- Plans and specifications were generated by the WDOT;
- Upon approval, construction will begin at the end of October;
- There should be no lane closures and no public impact;
- The Village will continue to maintain our intersections but overall, the WDOT will accumulate all of the information that is given to them for all of the intersections and devise the best timing for the corridor;

MOTION made by Zabel, seconded by Warren authorizing staff to expend the use of the budgeted \$55,000 for the County Highway Q Signal Coordination project to include borings, and pulling of fiber optic.

Motion carried unanimously.

AUTHORIZATION TO EXTEND CLEANING CONTRACT – CLEAN POWER:

Supt. Olszewski requested permission to extend the municipal buildings cleaning contract for a 3rd year. The original contract was for two years at no cost increase with the option to extend the contract for a third year. The third year option would have a price increase based on the consumer price index for year 2017. The current contractor continues to provide solid cleaning services for the Village buildings. Discussion followed.

MOTION made by Zabel, seconded by Warren to forward to the Village Board with a positive recommendation to extend the Clean Power Cleaning Contract for a 3rd year knowing the cost will be based on the Consumer Price Index (CPI).

Motion carried unanimously.

AUTHORIZATION FOR BLANKET PURCHASE ORDER – HALQUIST STONE: Supt. Olszewski requested authorization for a blanket purchase order for the continuous purchase and delivery of ¾" stone for the Schoen-Lauffen and Alt Bauer Parks' path restoration projects. Discussion followed.

MOTION made by Zabel, seconded by Warren to forward to the Village Board with a positive recommendation to approve a blanket purchase order for an amount not to exceed \$10,000 for the continued purchase and delivery of ¾" base course stone by Halquist Stone to be used for the Schoen-Lauffen and Alt Bauer Parks' path restoration projects. Funds allocated from Acct. #10-553-570-8100.

Motion carried unanimously.

DISCUSSION/AUTHORIZATION TO BID POLICE DEPARTMENT IMPOUND BUILDING:

MOTION made by Zabel, seconded by Warren authorizing the Engineering Department staff to advertise for the construction of an impound building at the Police Department.

Motion carried unanimously.

DISCUSSION/AUTHORIZATION TO CEASE PARTICIPATION IN THE MMSD GREEN INFRASTRUCTURE PROJECTS/PROGRAMS:

Supt. Zimmerman explained as part of the MMSD's ongoing flood mitigation and private property infiltration and inflow (PP/II), MMSD developed Green Infrastructure Projects/Programs (rain gardens, vegetative roofs, infiltration swales, etc.). These programs are more common in urban and developed areas. Germantown has a lot of green space and homes with a lot more area in between them and therefore the Green Infrastructure program did not really apply to our community. MMSD is allowing the Village the option to not participate in the Green Infrastructure Program and credit \$19,212 to Germantown's Operations and Maintenance account and \$111,146 to the Capital account. Any unused funds remaining at the end of 2017 from 2017 and prior year billings could be rolled over to the Village's Private Property Infiltration and Inflow Program (PP/II).

Dir. Ratayczak did note if the Village chose to opt out of the Green Infrastructure Program, there was a one time rule that would allow us to participate again. If the Village chose to participate the second time, there would no longer be an option to opt out of the program.

MOTION made by Zabel, seconded by Warren to forward to the Village Board with a positive recommendation to cease participation in the MMSD Green Infrastructure Program with the billing credit for years 2017 and prior to be used toward the Village's PP I/I Program.

Motion carried unanimously.

DISCUSSION – 2018 DPW BUDGET: At the request of Chm. Kaminski, DPW Highway, Parks, Building & Grounds, Water Utility, and Sewer Utility Department Supervisors presented their department's 2018 Capital and general budget items for additional review and to answer any further questions.

NEXT MEETING DATE: The next Public Works and Highway Committee meeting will be held **WEDNESDAY**, November 8th, 2017 at 5:30 p.m.

ANNOUNCEMENTS: None

ADJOURNMENT: There being no further business, the meeting was adjourned at 7:30 p.m.



Janice Wick, Recording Secretary