



Public Works Committee Meeting
March 12, 2019
6:00 p.m.
Cravath Lakefront Room
Municipal Building-2nd Floor
312 W Whitewater St
Whitewater, WI 53190

MINUTES

1. Call to order and roll call

Meeting was called to order by Allen at 6 p.m. The meeting was held in the Cravath Lakefront Room at the Municipal Building – 2nd floor.

Present: Jim Allen, Carol McCormick and Jimmy Schulgit
Others: Brad Marquardt and Cameron Clapper

2. Approval of minutes from February 12, 2019

Motion to approve the minutes from February 12, 2019, by McCormick and seconded by Schulgit.

Aye: All via voice vote (3)
Nay: None

3. Hearing of Citizen Comments

No citizens appeared to speak at this time.

4. Old Business

No old business at this time.

5. New Business

a. Review 2018 Waterworks Sanitary Survey Report

Marquardt stated in December 2018, the DNR walked through our Water Utility facility. The report was included in the documents. On the second page, under Significant Deficiencies, there was none, which is awesome. Under Deficiencies, there were five items listed and 11 recommendations. Of the five deficiencies, we have to either fix them or report back to the DNR by March 15, 2019, regarding the process of what we will be doing. Of those deficiencies, item two, three, four and five have all been taken care of in-house. Number one – the iron filter discharge and air relief says it must discharge 24” above a floor. That pipe has not changed since it was put in to operation and has always passed. However, the new DNR representative is reading the code very black and white. Therefore, we are having more discussions with DNR staff and looking to see what actually needs to be done to fix the problem. If you look at the report, it may require a plan review, which means we will have to submit something to the DNR for approval, which will not happen by March 15. We would put that in a letter to the DNR letting them know we are investigating what needs to be done and we will be in contact. Allen asked if the DNR representative is measuring the gap differently than in the past. Marquardt stated he thinks he is looking at the actual ground below the discharge pipe. It all relates to flooding. It is actually higher than where the actual floor is and there is an elevation change. He is not taking that in to account. He is just taking the actual elevation below the pipe in to account, which is not 24”. McCormick asked what it is at.

Marquardt said that's a good question and he doesn't know off hand. Allen commented that's no easy fix. Marquardt said it doesn't sound like it unless we can have them say that after reconsidering, we see your point and they would let it go. Marquardt stated we are investigating that one. This is just a summary of the report so you know what action is needed. Allen asked Marquardt if he could briefly explain the system of many inter-connections with private mains at UW-Whitewater. Marquardt stated the campus has water mains they are responsible for on campus and they are directly connected to our mains. If they would have any cross connections issues on their campus, they could easily filter into our system he believes because there is no valve to turn off. That is something they are recommending we look at and see if we could develop a plan to handle potential issues that may arise. Allen asked if we have maps of the water mains on campus. The University does not have maps of their own mains. According to Rick Lien, there hasn't been very good records kept when the water system was put in. He is working with the campus about getting information up-to-date. He has a lot of firsthand knowledge where things are, and so we are trying to get that on paper before he retires. It's a work in progress.

Allen asked where the water goes when we have a total water loss of 11%. Marquardt stated it could be water leaks and/or people who are unauthorized using hydrants. It is all metered when it leaves our well houses, so we know how much goes out. We know the usage from everyone using it and the difference in between is the water loss. Allen asked what happens if we reach the 15% limit. Marquardt stated we are required to take action. We could have to do a citywide leak assessment. We would have to hire someone to come in and test all of the mains. Schulgit asked if this was standard for a City like ours. Marquardt stated, yes. Not even necessarily a City like ours, but standard citywide, statewide.

b. Discussion and Possible Action for award of contract for the Old Paper Mill Dam Repair Project

Marquardt stated the bid opening was delayed until March 12. They had nine companies bid with a range from \$108,876 from Mud Tech to \$916,965. We are recommending contingent upon two things: Ayres reviewing the bid to make sure it looks good and because we are getting grant money from the DNR, they need to approve the low bid as well. Contingent upon those two items, we are recommending Mud Tech for the low bid amount. Allen asked if someone knows the reputation of this company. Marquardt stated that will be one thing Ayres will be checking. Marquardt also looked at their statement of qualifications and they have been in business for 10 years. They do small projects like this, waterproofing and cofferdams are their specialties. McCormick asked if the Old Paper Mill is the big damn that goes down from Tripp. Marquardt stated it's by the gazebo; it's by the spillway, the smaller one. Marquardt asked for approval of the low bid contingent upon the DNR approval and the Ayres review. Schulgit moved for approval and seconded by McCormick.

Aye: All via voice vote (3)

Nay: None

c. Discussion and Possible Action approving DOT design amendment for the Milwaukee Street Reconstruction Project

Marquardt stated this is a three-way contact between the City, the State and Strand for the design of the Milwaukee Street and Newcomb Street intersection. This amendment number five to the design is just for a time extension of 12 months so Strand, the designer, is still under contact while the construction is taking place. There is no additional monies to this. The DOT already reviewed it and signed off on it and that is why Ayres has signed it. We are next to sign it and then it will go back to the DOT for their signature. Allen asked why we are extending it for a year. Marquardt stated this project started back in 2008 and he believes there has been a time extension but the project hasn't been completed yet. Since the project will be completed this year, we want the design consultant who worked on this project to be able to answer questions during the construction period. Therefore, we are just extending their contract time to cover the construction. Therefore, he is looking for approval for amendment number five. McCormick moved to approve and seconded by Schulgit.

Aye: All via voice vote (3)

Nay: None

d. Discussion and Possible Action approving Strand Task Order 19-02 for the Industrial Drive Water Main Project

Marquardt stated this was a project from last fall. Rick Lien came to talk with this committee about new technology that he was looking at to use inside of water mains, which creates a new host pipe inside. It is a new technology being used on the east coast. The DNR is asking for more information on this product and more test results, which the company is still working on. Therefore, the company has really slowed down communication with Rick. This main has been out of service for a number of years, so we are just looking at moving forward with the normal trenching operations to get it fixed and get it back in service. Allen asked if this is at a higher cost. All we had was an estimated cost of what that spray line company would do but we would still would have to bid out because it is a public project. Allen asked since we are just replacing it, why do we have to have engineering. Marquardt stated because it requires DNR approved plans. The majority of this cost is going to be with inspection with the amount of time involved. It covers design, the bidding process, preparing the documents for bidding, reviewing the shop drawings, staking and inspection. Schulgit moved to approve Strand Task Order 19-02 and seconded by McCormick.

Aye: All via voice vote (3)

Nay: None

e. Discussion and Possible Action approving Strand Task Order 19-03 for Highway 59 (Milwaukee Street) Utility Staking and Inspection

Marquardt said the sanitary sewer and water work on Milwaukee Street is not part of the DOT funded project. They just do streets, sidewalks and stormsewer. Therefore, the City was responsible for the design of the sewer and water plans as well as the inspection of the work. Since we decided to reconstruct the sewer and the water, we are responsible for providing staking for the contractor and any inspection that we want to provide to make sure the contractor is doing it right. This task order is for Strand to provide staking and inspection services. The estimated timeframe from the contractor based on their schedule was 14 weeks or so. The number from Strand is \$120,400 billed on an hourly basis and cannot exceed that number. If the contractor ends up putting in two crews to install the work faster, we still only need one inspector. He thought we might be able to do this in-house but we don't have the true experience and the amount of time it will take. We would have to have someone from the sewer side go when that is done and someone from the water side go when it's done. We just have a lot of work on both sides and taking someone away from the daily operations is not beneficial overall. McCormick asked if our staff are certified to do inspections. Marquardt stated that not many of the staff have done that work or are familiar with how the work is done. McCormick asked if you have to have a certification. Marquardt stated, no. However, having someone experienced doing this line of work would be good. Allen stated that just the description doesn't sound like it's worth \$120,000. Marquardt said it's the 14 weeks at 10-hour days. It does require two individuals to do the staking. It all requires timing with the contractor. Allen asked if the State knows who the contractor will be for all of this work. Marquardt stated Zignego is the prime contractor for concrete, the underground work will be Edgerton, not out of Edgerton, and then they have other sub-contractors doing other work. Allen asked if the State put in provisions if they don't meet the deadlines. Marquardt stated, yes. Allen asked if the State is cooperating with our intention of keeping one lane open. Marquardt stated it's not one lane open, it is closed to through traffic; however, they have to maintain access to businesses, which means it could be through flagging operations or temporary closures. McCormick moved to approve Strand Task Order 19-03 and seconded by Schulgit.

Aye: All via voice vote (3)

Nay: None

6. Future Agenda Items

There are no future agenda items at this time.

7. **CLOSED SESSION.** Adjourn to Closed Session, **NOT TO RECONVENE**, pursuant to Chapter 19.85 (1) (e) , Deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session. Item to be Discussed: **Payments to be offered to property owners on Clay Street for Temporary Limited Easements needed by the City for the Clay Street Reconstruction Project.** Motion by McCormick and seconded by Schulgit.

It is possible that members of, and possibly a quorum of members of, other governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information over which they may have decision-making responsibility; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice.

**Anyone requiring special arrangements is asked to call the
Office of the City Manager / City Clerk
at least 72 hours prior to the meeting.**