

In Attendance:

Mayor Steve Bierce, Committee Members M. Kreiter, D. Swan, and Alderman J. Wamser.

Absent: J. Tormey

Also in Attendance:

DPW Director M. Wagner, Chief Engineer-Utilities, R. Wirtz, Utility Manager J. Mueller, Utility Billing Specialist R. Reed, and Administrative Assistant S. Smaxwill.

Call to Order and Pledge of Allegiance

Mayor Bierce called the meeting to order at 4:00 p.m. and requested everyone stand for the Pledge of Allegiance.

1. Public Comments – None
2. Communications – None
3. Discussion and Action Regarding the Minutes

Motion was made and seconded (D. Swan, M. Kreiter) to approve the April 22, 2021 meeting minutes. Motion Passed: 4-For, 0-Against

4. Old Business – None
5. Storm Water Management Division
6. Water and Sewer Division

- 6.1. Discussion and Possible Action Regarding Well #3 and #6 Electric Service Update MCC Replacements

Ms. Mueller reported on issues at the North Avenue deep well and shallow well facilities with the motors taking hits from electric surges and multiple failures over the last 30 years. She suspects that part of the problem is that we have dirty power coming into the location and motor control centers are becoming old. In order to help with the surges we recommend updating all of the MCCs. We have been working with Ruekert-Mielke (RM) to put together a design and proposal for replacing the MCCs and upgrading the electric for the shallow well. The proposal for the preliminary design and bid from RM is \$37,272 (estimate). The project estimated cost is \$200,000 for the shallow well building, and then they are putting together a mandatory alternate to upgrade the reservoir building which contains

three service pumps for an additional \$149,500 (estimate). Ms. Mueller said it makes sense to do them all at one time because they are all approximately 30three years old, but the bids are broken into two alternatives, so we will see what will happen.

Mayor Bierce asked if the person who designed it is still around after 30 some years? Ms. Wagner said yes.

Ms. Mueller stated this does not require a motion, it is more informative and for an endorsement for the Common Council.

A motion was made and seconded (J. Wamser, M. Kreiter) to endorse the electric service update MCC replacements to the Common Council. Motion Passed: 4-For, 0-Against.

6.2. Discussion and Possible Action Regarding the Well 5 HMO Treatment Facility & Building

Ms. Mueller reported on issues previously discussed at the 4/22/21 meeting for the Well 5 facility where radium contamination was identified. The Utility was trying to bid out the construction of a radium removal treatment system earlier this winter when we realized that the well had collapsed. Several attempts were made to clear out the collapse with no success in removing any of the rubble.

Staff discussions with Ruekert-Mielke determined that the well is not viable moving forward. The Utility notified the DNR that we do not think that it is a viable well to move forward with the treatment system, and that we would like to proceed with looking for alternate ways of serving that area of the city. Options include either extending water main to bring in a second water main feed into that industrial park, or perhaps having an alternate well site somewhere nearby which does not seem feasible at this time. We are asking the DNR to allow us to temporarily install a new pump into that hole, to avoid where some of that rubble is but still allow us the ability to use that well while we are doing the rest of these investigations. We will need to repair the reservoir roof that is onsite because that reservoir leaks, but we need to have some alternate type of feed/supply system in that location to maintain the water fire protection and quantity in the event of a water main break on that end of town. Ms. Mueller spoke with the fire chief who felt strongly about moving forward with this option, even on a temporary basis.

Mayor Bierce questioned if this is the same well we thought we had an answer to in Waukesha - and then we didn't. Ms. Wagner said yes.

Mayor Bierce asked, "didn't we discover that we also wanted to abandon this because of the proximity of where Payne & Dolan will eventually be blasting?" Ms. Wagner said yes.

Mr. Wamser mentioned the fault line.

Ms. Mueller stated that it is all of these compounding factors that are playing into this decision - the fault line, potential quarrying in the near future, and they just keep piling on, so we made the decision that it is not worth putting \$3M into it.

Mr. Wamser: Is there a site available in the Tacoma Hills area?

Ms. Mueller stated she did not believe are any suitable shallow well locations anywhere in Tacoma Hills.

Mr. Wamser said a lot of water from Waukesha flows down that way, and they are abandoning that site, so is there somewhere close to that?

Ms. Mueller stated that is still in the proximity of the fault line and there is no shallow water there because of the quarry so we would be looking at putting in another deep well which in turn would be getting us back to adding another treatment plant.

Ms. Wagner said she spoke with Payne & Dolan, who stated they are looking at mining in the area to the south of Bluemound. P&D spoke of mining in their existing quarry west of Redford and south of Bluemound because they are at their limit for their set back so they can't go down any further.

Ms. Mueller went over the various areas the Utility is investigating for potential water main. She stated there is no good way to serve it. She has asked Ruekert-Mielke to put together some preliminary numbers.

Mayor Bierce asked when coming across from here or there are you just talking about instead of drilling a new well, just building a redundancy with the wells that we already own? Ms. Mueller said yes, looping the water main. Mayor Bierce stated that doesn't really replace the volume that you are losing. Ms. Mueller said that is correct, that is phase I of replacing that site. Then eventually we would need to pick up the capacity loss from losing the well site.

Mayor Bierce: But then with your scenario the capacity would not have to come from that area, it could come from anywhere in this redundant loop, it could come from the other side of town. Ms. Mueller stated it is not an ideal situation, we have no shallow well locations in that area, but the loop will help ensure that there is water main feeding that area at all times. We will still have to go back and look at what the loss capacity and what the loss reservoir volumes would be and how we could make those up.

Ald. Wamser stated we were talking about looping that area a couple years back. Ms. Wagner stated that there are lot of complicating factors involved such as hard areas to cross like the freeway or a river and monitoring environmental issues. It is still going to cost \$3M to complete the looping of the water main system, but we are just accelerating that because there are no shallow well sites available. Given the proximity of the Waukesha fault line we are very limited on where we can put it so we don't end up with the same issues as this current well.

Mayor Bierce asked if we might be done finding shallow wells in Pewaukee, period? Ms. Wagner said we talked about refreshing a study that was done several years back to see if any new technologies have come up that would show any new sites, but the last good shallow site was in Still River.

Ms. Mueller stated that are potential sites for a shallow well on the west side of town. She said we purchased an additional lot in the Still River subdivision for a future deep well site where we can blend the deep and shallow, so we do have an alternate location to get the capacity in a quicker timeframe. It would be part of Phase 2, potentially.

Mr. Swan liked the idea of a reservoir over there. He asked what happens if we didn't do the well pump, but just fixed the roof? Ms. Mueller said we need to put a pump in the well directly to the water system, bypassing the reservoir, because we need the standby water pressure and volume so that if something would happen in the industrial park we would have sufficient water available for the fire department, and we would not have that without the reservoir in service.

Ald. Wamser asked about another water tower. Ms. Mueller stated that we are looking for something short-term, so to put a new rubber roof on a reservoir to get 2-3 years of use would be cheaper than putting in a water tower. She said a pitched roof would not be a viable option.

A motion was made and seconded (J. Wamser, S. Bierce) to move the Well 5 HMO Treatment Facility & Building forward to the Common Council. Motion Passed: 3-For, 1-Against.

6.3 Discussion and Possible Action Regarding the Compliance Maintenance Annual Report (CMAR) for the Sewer Collection System

Ms. Mueller reported on the CMAR annual report for the DNR, which is basically a report card on how we do with maintaining our sewer system. She stated that we got an A across the board. We were not able to get all our sewer cleaning done last year because of Covid distractions. Typically, we clean one-third of our sewer system each year and that didn't happen, but we still did good.

Mayor Bierce stated good job.

A motion was made and seconded (D. Swan, M. Kreiter) to accept the Compliance Maintenance Annual Report (CMAR) for the Sewer Collection System. Motion Passed: 4-For, 0-Against.

7. Status Reports – None

8. Engineering Division

8.1. Discussion regarding the Springdale Estates Survey Results

Ms. Wagner reported on a survey that was sent out to residents in the Springdale Estates subdivision regarding safety concerns with pedestrians and cars in the streets and having to walk around them. The survey questioned whether residents wanted sidewalks along the streets, and that is really what the people focused on. The majority of responses were against putting in sidewalks. Ms. Wagner provided the committee with the survey questions and the comments residents had regarding sidewalks in their neighborhoods.

Mayor Bierce thought the survey was a great idea and gave the people the option to let us know what they really want. He was glad for the input and said this could help us form opinions moving forward.

Ms. Wagner stated that the Common Council took this up and decided there will be no change in that subdivision. No action is required by the committee.

Mr. Swan mentioned one suggestion in the survey results regarding LED lighting. He asked if the city pays for the electricity or the homeowner?

Ms. Wagner stated that the lights that they are referring to are their own private lights that they were required to be installed as part of the subdivision. Homeowners would have to pursue LED lighting on their own. She said the city does not light up subdivisions, only intersections. She stated that many of these private lights need to be repaired or replaced.

9. Highway Division

9.1 Discussion regarding the proposed Department of Public Works Facility

Ms. Wagner provided information about the proposed DPW facility in the committee information packets. She reported that the current facility is out of code on many levels and far too small for our staff and equipment. For the past 18 months we have been going through an evaluation of the yard and building and

what Mayor Bierce will be signing tonight is a closing on the Trinity property on Green Road and Duplainville Road. The new garage and shop will be located towards the rear of the site. This new facility will be to code, and will include locker rooms, lunchroom, new highway garage that can store all the equipment we have, and a new repair shop that is up to current standards. There have not been any improvements to the existing garage since 1993. Replacement of the salt shed on this site is shown on land owned by Quad. We are currently in discussions with Quad for four acres, so the salt shed is shown on north side of property (proposed) outside of the 1,000 foot well setback and within the property. This project is moving forward, the Plan commission approved the plans, and we will have rezoning to institutional at the July 19th Common Council meeting. We are currently putting together the bid package for this project and are very excited to have these new facilities for our Highway staff and to improve efficiencies for their operations.

A discussion took place on the actual location site of the property. It will be behind Trinity Church, directly behind the school. The City will own the whole Trinity parcel. Trinity has a one-year lease with the City to operate as a school. We will take over the fields in the back. The total Trinity property is 24 acres and both buildings.

Mr. Swan prefers (1) south opening doors and (2) a drive-thru where they would drive in one way and drive out the other and not have to turn around. Ms. Wagner stated that it is a drive-thru garage. The highway shop and wash bay doors face south.

Ms. Wagner stated the hope is to acquire the Quad property, so we can have the dual entrances, otherwise the entrance will be from Green Road with a circular pad within the yard to turn around. If we get the Quad property, then Duplainville Road will be the main entrance. If not, we will only have the one entrance on Green Road.

Mr. Swan is concerned about taking down buildings. Ms. Wagner stated there are no plans to remove the buildings. She believes that for the long-term we can use the newer schoolhouse that they built, but any use of the existing church is yet to be determined. Ms. Wagner stated that plans are to reuse the school buildings with very little modifications. The church is currently not ADA accessible so modifications would be required; but the intent is to repurpose the building before we would consider tearing it down.

Ald. Wamser stated that we could work with the Parks department. There are Parks programs at different locations, and it would be good to get it centralized in a community center. Ms. Wagner stated it would need to be brought up to ADA compliance, but from DPW point of view, there is no specific use for it right now and it is not in the way of our operations.

Ald. Wamser asked if it was checked out for any toxics or asbestos. Ms. Wagner stated Phase 1 environmental tests did not identify any issues.

Mr. Swan questioned if there was a meeting room at the location that could be used for meetings. Ms. Wagner stated they have a lunchroom where we could do small meetings with a small group of people or for trainings, but it is not the intention to be a regular meeting location.

9.2 Discussion and Possible Action to Install a Dead End Sign at the Intersection of Lincoln Avenue and Oak Street.

Mr. Kreiter did a Google search and found there was a Dead End sign at that intersection on a different pole in 2012. Ms. Wagner was not aware that there was a sign there previously and suggested it must have been taken down for some reason and never put back up.

Mr. Kreiter suggested doing a sign inventory. Ms. Wagner stated that we are currently in the process of replacing all of our signs by plow routes, and as they are replaced they are inventoried. There are currently three routes completed.

The committee agreed to have the sign put back up.

9.3 Discussion and possible action regarding the request to install a street light on Glacier Road between Roger Road and Hickory Grove Road.

Ms. Wagner reported this request came from a resident through the Highway Superintendent because of the number of accidents at the bend in the road on Glacier Road. She said there are very few lights that the city actually funds. This is in an odd location, but there is a lot of history of accidents in this area.

Mr. Kreiter questioned which would be more costly, to install lights or put in a couple of chevrons in each direction. Ms. Wagner stated she did not look into the cost of chevrons.

The committee discussed where on the map the light would be located. Mr. Kreiter said 245 and 225 would be the lot line where the power pole would be. Ms. Wagner recommended to add it to the existing power pole, because it would be most cost effective.

Ald. Wamser like the reflector idea. He suggested surveying the people in view of the light, suggesting some people might consider it a nuisance, or complain it is glaring in their window.

Mr. Kreiter said that west of his complex there were two chevrons put up as a result of an accident.

Ms. Wagner would not consider reducing the speed limit any lower on Glacier Road than its current 35mph.

Further discussion took place regarding the need for the placement of the light in that area and versus other areas of the city.

Ms. Wagner stated she was not aware of the reasons given for the accidents. Mr. Kreiter asked if we had access to the accident reports, were they inattentive driving, what are the reasons? Wagner stated she can look up that information and bring it back for next meeting.

Mayor Bierce stated he has no desire to pursue this request.

The committee agreed to add reflective signs rather than the street light.

A motion was made and seconded (M. Kreiter, D. Swan) to provide reflective signs.

Motion Passed: 4-For, 0-Against.

10. Public Comment - None

11. Adjournment

A motion was made and seconded (D. Swan, J. Wamser) to adjourn the meeting at 4:40 p.m.

Motion Passed: 4-For, 0-Against.

Respectfully Submitted,

Magdelene Wagner
Director of Public Works