

CITY OF VERONA

MINUTES

PUBLIC WORKS/SEWER & WATER COMMITTEE

MONDAY, SEPTEMBER 30, 2019

1. The meeting was called to order by Mr. Kemp at 5:20pm.
2. Roll Call: Present: Chad Kemp, Sarah Gaskell. Evan Touchett arrived at 5:40pm. Also present: Theran Jacobson, Public Works Director; Katherine Holt, Community Development Specialist; Carla Fischer, City Engineer / AECOM; Brian Munson, Vandewalle and Associates; Chris Elhers, Veridian Homes; Dan Day, D'Onofrio Kottke and Associates; Mike Wagner, Brown and Caldwell; Jim Ferolie, Verona Press.
3. MOVED by Gaskell, seconded by Kemp, to approve the minutes of the September 9, 2019 meeting of the Public Works/ Sewer and Water Committee. Motion carried 2-0.
4. MOVED by Kemp, seconded by Gaskell, to recommend approval of the agreement with Dane County for construction of CTH PD between Woods Road and CTH M. Motion carried 2-0.

Jacobson gave a brief overview that the agreement with Dane County is to reduce the cost for expansion of CTH PD. This agreement between City of Verona and Dane County is for cost sharing of the design and construction elements for the expansion of CTH PD between Woods Road and CTH M. The City of Verona is the lead agency for the project and will administer the project. The cost split is based upon specific construction elements such as asphaltic pavement, lighting, landscaping, pavement markings, etc. The cost for City of Verona is estimated to be \$1,324,000 and Dane County is \$881,000. City attorney has reviewed the agreement and has no concerns.

Jacobson noted certain elements of the agreement are 50-50 and other elements are different cost shares depending on the element. Overall, Dane County is a good partner. This agreement is the similar to the CTH M project. November 2020 is the target for completion.

5. MOVED by Kemp, seconded by Gaskell, for amendment number 2 for intergovernmental agreement for final design of CTH M from Prairie Hill Road to Cross Country Road. Motion carried 2-0.

Jacobson explained the amendments for the two items. This is an agreement to clean up the language to match what was completed. Amendment No. 2 of the IGA is for the costs of two of the additional design services required to complete the CTH M reconstruction project included in Amendment No. 1 that was approved on September 25, 2017. Amendment No. 1 identified the tasks but the costs were not included. The design cost is split between Dane County Highway, City of Madison, and City of Verona. The additional cost for the City of Verona is \$53,035 for a total of \$420,000.

Costs included in Amendment No. 2 are as follows:

- Value engineering (VE) analysis
- Westbound underpass design

Gaskell asked how to travel westbound for the underpass.

Jacobson stated that someone traveling westbound would have to exit CTH PD (like a freeway) east of CTH M to go westbound after the intersection of CTH M. If the exit is missed vehicles cannot continue westbound on CTH PD at the intersection of CTH M.

6. MOVED by Gaskell, seconded by Kemp, for amendment number 1 for project 2016 – 118.2, Wastewater Master Plan Phase II. Motion carried 2-0.

Amendment No.1 for the wastewater master plan was to perform additional tasks not included in the original contract. The additional work is to properly incorporate the east basin and to evaluate a relief alternative for the Eastview Heights and Military Ridge sewershed.

Ultimately these two tasks decreased future pipe sizes of the eastside interceptor and other areas throughout the system, saving money during future design and construction phases.

The original contract was \$95,961 and the cost for Amendment No. 2 is \$9,250.

Jacobson explained the amendment and showed the locations on a map. Instead of upsizing existing infrastructure, the City could add a relief sewer on Old CTH PB. This is a bypass sewer known as a relief. This means spending more money up front on engineering, but saving money in the long run on construction.

7. Discussion regarding Project 2018-114, Lincoln Street storm water facility.

Jacobson introduced Mike Wagner from Brown and Caldwell who is the lead for designing the Lincoln Street stormwater facility. This is a water quality project for the Downtown area watershed. The City was able to get the Lincoln Street stream classified as an intermittent stream, which will help with a full diversion of the stream to maximize volume of stormwater runoff that could be treated.

Wagner showed a map and site plan of the area. He did hydrologic and hydraulic analysis for water surface elevations. Their recommendation is to create a diversion berm from the open channel to divert water into the facility for water quality treatment. The high flow events would bypass the berm releasing it downstream to ensure that flooding would not happen up stream of the diversion. At the diversion the water surface elevation is anticipated to increase but on City property with no adverse impacts.

Gaskell asked if the berms are walkable? Is the City thinking about having a classroom lab in this location similar to Whalen Road pond as is it more accessible for schools?

Jacobson stated this berm is not walkable at the diversion berm area, but others in the City are walkable. The City can add information signs to the Lincoln Street pond similar to Whalen Pond.

Gaskell asked if the pond will be wet all the time as this will be a concern for Hometown Days and infestation of mosquitoes.

Jacobson stated that the water in the pond will stay there and not be aerated. The area used for Hometown Days will not change.

Wagner stated that the flow from the channel will have a constant flow rate as well as wind to ward off mosquitos. There is always a perception that the mosquitos will come from the pond, but it won't be the case. As part of this project, the City will have to do thermal mitigation to not affect the trout populations, which could be included in the informational signs as well as mosquitos.

Wagner showed the tables that contained the number of factors evaluated for the size of the pond for population removal. Total suspended solids and Total phosphorus (TP) were used for the evaluation. TP has no chemical treatment associated with this pond.

5:40 pm Touchett arrives

Sustainability plan would include phosphorus options and improvements.

Jacobson noted this is programmed for 2021 construction

8. Discussion regarding the Woods at Cathedral Point subdivision. Jacobson reviewed the location of the property. After presenting at the Plan Commission on September 3, 2019 input was requested from the PWC on the following concerns:

- Side yard setbacks
- Kettle drainage
- Private / Public Alleys
- Ice Age trail coordination

Ice Age trail coordination:

Chris Ehlers from Veridian stated that Ice Age Trail coordination is underway. An agreement was made regarding prairie burns and making sure no structures will be placed in the backyard. A berm will be placed on Veridian property between the trail. Sod on the berm with a natural break from the prairie.

Touchett asked if water will go away from the trail to drain towards the roads.

Ehlers confirmed that the water will go to the front yard, but does it naturally today. Parkland dedication to the Ice Age Trail is being proposed. Nothing new will be drained into the existing kettle.

Gaskell asked if the trail head would become bigger to allow for more parking. There is a concern that people would park their cars interior to the neighborhood to get to the trail.

Dan Day from D'Onofrio Kottke and Associates stated that the trail's frontage along CTH M will double. There should be more foot traffic from the west for the trail.

Kettle drainage:

Day stated that the existing flow out of the kettle will use storm sewer pipes under CTH M by Range Trail. There would be no additional water in the kettle as the pipes carry out the over flow from the pond. The water from the multifamily areas would be routed to the west. There is a low point at some location on Range Trail. The existing Cathedral Point pond has a routing point from this property to Cathedral Point pond.

Gaskell stated that a stormwater facility should be a facility and not parkland per Plan Commission comments. What is the open space to the east of the stormwater management pond?

Day stated that the design allows for preservation of the existing tree lined area by the stormwater management pond and are in discussions with the Parks Committee to have a portion of it count towards parkland.

Private/public alleys:

Gaskell stated that private alleys will not occur.

Day stated that they are open to either options; private or public. The alleys will be built to public standards even if it is private. 26-foot of right-of-way is proposed. This is intentionally done to keep it from looking as though people can park on-street. The pavement section has a ribbon curb. Traffic is two-way.

Jacobson stated that City staff prefers the private alleys. The City would need different equipment to assist with snow removal if the alleys are public. Jacobson noted that the perception of private roads from Prairie Way Blvd

and North Edge Trail cannot be used as comparison as those roads are private that connect to public roads and have connectivity to other properties and destinations in the City. Alleys are destinations for individual properties and provide no connectivity for the City transportation system.

Brian Munson from Vandewall stated the alleys will be for two-way traffic as the turning movements are needed for the turns similar to a parking lot. The alleyways as two-way traffic will re-enforce that it is a low speed area and will slow people down.

Gaskell stated that a private alley would have homeowner association (HOA) snow removal by using a private company. Would they have their own garbage service? Snow removal for an HOA is typically a terrible idea.

Jacobson noted Waste Management loads everyone on one side. We would need different equipment to work down the alley.

Day pointed out that the streets are designed as straight through roads instead of the original design of roads with curved ends.

Ehlers stated that Veridian has a requirement for the HOA to hire a private company to manage the funds that was originally established by them to ensure that there isn't any mismanagement of funds. To date, all of their subdivisions have had enough money to service the private roads and other areas the HOA owns. Public alleys are shown on the plat right now.

Gaskell asked what equipment is needed if it is public? What is the cost of that equipment? Who is getting the complaint?

Jacobson agreed to look into the cost of the equipment needed to service the alleys.

Touchett stated that if the City has any private roads, the snow removal should include driveway clearing.

Side yard setbacks:

Day explained that five-foot side yard setbacks have been done with Veridian properties since the 1990s. This is edge of house to edge of house. From a drainage perspective, four to five lots coming together at one point is a drainage problem. A large block was shown for this subdivision that shows the drainage for these properties, which flows throughout the site instead of going to one spot similar to other areas in the City. Inlets are proposed in certain location on the site as these are identified as future snow melt concerns.

Jacobson discussed some process language on how to do this to make sure the lots are graded appropriately, information is going to the inspectors, and lowest elevations are verified by the house construction process. Each situation is different for the drainage issues, such as Jenna Drive concentrating into one spot. The Committee has not seen the draft language.

Fischer asked Day if the grade between the lots prior to building will be raised? Where the lot lines don't match up what occurs?

Day responded that no the grade would not get raised prior to building as the channels would get destroyed while things are under construction. The lots would sheet drain except at the house location where it will be higher.

Gaskell stated that the only reason to get the five-foot setback is to get more density. There are utilities running through the back. Gateway had a concern with retaining walls that were installed without approval and had a utility pipe underneath the walls. It was narrow to begin with and is now two-feet wide. The City had to remove the walls to fix the drainage for the pond area.

Ehlers stated that the five-foot setbacks will help with the variety of products and have \$300,000 homes.

6:15 pm Kemp left.

Touchett wants rowhouses instead of roofs closer together.

Gaskell asked if we promise that these homes will stay at \$300,000? Five-foot setbacks are in place are a no. She would consider the proposed language to see if the setbacks and drainage would work.

Ehlers wants to build the first phase in April. Veridian can back the price. We have met with the school, fire, and Mayor.

Touchett asked if any of these are rowhouses? He is inclined to allow for twinhomes with smaller setbacks.

Muson explained that rowhouses and twinhouses have different building code requirements. It is more cost effective to build twinhouses than rowhouses.

9. MOVED by Touchett, seconded by Gaskell, to adjourn at 6:25pm. Motion carried 2-0.

Note: These minutes were prepared by Theran Jacobson, Director of Public Works. These minutes are based on the notes of the recorder and are subject to change at a subsequent meeting.