

PUBLIC WORKS AGENDA
CITY OF CROSSLAKE
MONDAY – DECEMBER 2, 2019
4:00 P.M. – CITY HALL

1. Call to Order
2. Approve October 7, 2019 Meeting Minutes (Motion)
3. Review Mock Assessments for CSAH 66 Sanitary Sewer Extension
4. Review Summary of Major Capital Expenditures for Sewer Plant in Next 20 Years
5. Update on Perkins Road
6. Other Business as May Arise
7. Adjourn



Public Works Meeting Notes
October 7, 2019

Members Present: Chairman Doug Vierzba, Dale Melberg, Mic Tchida, Tom Swenson, Gordy Wagner
Others Present: Ted Strand, Dave Reese (WSN), Dave Nevin, Mike Lyonais, Phillip Martin (B&M), Marsh Volz

1. **Call to order.** Meeting was called to order at 4:00 pm by Chairman Vierzba.
2. **Approval of September 3, 2019 Meeting Minutes.** ***Motion** by Tchida to approve, 2nd by Melberg, all in favor.*
3. **Review Sewer Extension Request** dated 9-9-2019 from Property Owners on Brook Street and Norway Trail. (Direction requested) A petition requesting an extension of City Sewer for some property owners on Norway Trail West and East and Brook Street was discussed (not all were contacted). It is our understanding that Mike Rardin 14089 Norway Trail created and circulated the petition for signatures. 17 of 35 land owners signed the petition. City ordinance requires that 35% or more as determined by front footage to move the citizen petition along. The 35% front footage has not been verified according to Ted and would be one of the next steps to validate. ***Motion by Melberg, second by Swenson recommending the Council acting on the petition with an initial step of verification of the 35% Front Footage requirement as stated in our City code, all in favor.***
4. **Discuss Need for Better Signage for Crosswalk at Old Log Landing (Motion).** Ted explained the need for better signage at this location. 45 mph speed limit with signage but dangerous at this time. Given #66 will be dug up next year, Ted suggested the possibility of adding conduit for power and perhaps adding flashing lights to catch the eyes of motorists in the area. Ted will talk to the county to see if they are interested in participating in the upgrade to the crosswalk area.
5. **Email dated September 19, 2019 from Jury Danielson Re: Joint Maintenance Facility Unit Heater Project (Motion)** Ted explained the heating source in the Joint Maintenance facility is electric cables in the sand beneath the concrete floor. He stated the cables are failing to the point that it was difficult to keep the temperature in the facility above freezing. The county submitted to Ted written outline of their suggestion to disconnect the current system and add 3 - 300,000 BTU unit heaters with sealed stainless steel combustion chambers. Total cost would be \$44,000 and cost sharing of the expense would be 53% for the County and 47% for the city. ***Motion by Tchida to recommend the installation of these replacement heaters, second by Melberg, all in favor.*** Ted indicated funding is in the current year budget to cover the cost for the city.
6. **Letter from Randy Ness Re: Sale of Land at 35205 Riverwood Trail. (Motion)** This property is located adjacent to the sewer plant and is essentially land locked, with access through city property. The city discussed a possible purchase of the property with Mr. Ness in April-May of 2017. At that time, Mr. Ness was asking \$225,000 for 4.6 acres. The 2017 assessed value of the property was \$97,900. Ted indicated the property could be used for a planned addition of a Bio-Solids treatment process at the sewer plant. Ted is looking for a recommendation from the commission to start the negotiation process again with Mr. Ness. ***Motion by Swenson, second by Wagner to recommend to the council to begin discussions/negotiations with Mr. Ness again. All in favor.***

7. **Feasibility Report for CSAH 66 Sanitary Sewer Extension** (Motion) Phil Martin discussed the mock Feasibility report with the commission. Ted explained that given this is the first real big assessment project being implemented with the new assessment policy, he felt it was necessary to set a workshop for the Council and PW Commission members to make sure all fully understood how the new assessment policy works. All in an effort to make sure we are able to communicate the policy to the public. Phil indicated he used values that were right in the middle of the Nagel benefit report and this resulted in 52% of the project cost being assessed to the benefiting land owners. Moonlite Bay's proposed assessment was higher due to the amount of flows used by the restaurant. ***Motion by Swenson to recommend the council accepts the Feasibility report, second by Melberg, all in favor.*** Ted will determine a time for the workshop and once the workshop is held, this topic will be placed on the next subsequent council meeting agenda.
8. **Update on CSAH 16 + CSAH 66 Stormwater Study** Phil Martin explained the grant application for almost \$400K was submitted in September. It is not certain the grant will be approved which means the City will have to decide if they want to cover the costs and go ahead with the project should the grant not be approved. The storm water upgrade is part of the Sewer extension project and bidding is going to be requested in Q1 of 2020. Additionally, of the five locations that have been identified as retention areas, the Old Log Landing Homeowners Association is pushing back on a proposed location for a retention area on their properties, requesting an alternate location be selected. This project will require regular monitoring as we move ahead.
9. **Update on Perkins Road Project.** Dave Reese stated WSN surveyors continue to gather data so that the area design documents can be completed to be able to obtain bids to complete the excavation work for the area. He also indicated the subsequent need to complete the lease documentation required by the Corp of Engineers. Tom Swenson was concerned that we are spending a lot of money for a road and wondered what the Corp of Engineers will approve beyond the planned walking trails in the area. It was discussed that no real firm plans for the area have been determined but it was felt that we need to talk to the Corp to find out about the limitations for use the Corp may have. Although it is a considerable amount of money we are spending, Ted stated we are doing a considerable upgrade for Perkins Road which has been a maintenance issue from the day it was installed. It was felt that the City needs to begin discussions with the Corp to determine possible uses before anyone just assumes we can do what we want with the property.
10. **Update on Manhattan Point Storm water Project.** Dave Reese indicated quotes for soil borings are being obtained now and access to the property should be allowed on 10-14. Wetland delineation is completed. Design can begin once the soil boring data is completed.
11. **Update on Daggett Bay Road Sewer Extension.** Dave Reese indicated the construction window is closing fast and a bid that Hy-Tec received was 30% higher than the estimate. He was not sure how many bids they received. This time of year is not the best time to secure bids for sewer work. A decision has been made to delay the installation of this sewer extension until the spring of 2020 and obtain new bids for same.
12. **Other Business as may arise.**
 - a. Ted stated that work will be starting on the Big Pine Rock Dam which means the City will have to reconstruct Big Pine Trail in 2020. Given our new assessment policy is effect; Dave Reese stated we need to start the project process by preparing the Road Improvement Feasibility Report for Big Pine Trail soon to be in a position to obtain bids for road reconstruction in Q1 of 2020. ***Motion by Swenson, second by Tchida to recommend the council approves the creation of the required report. All in favor.***

- b. Ted asked for input regarding winter plowing of the walking trail from #66 to Wilderness Trail along Daggett Pine Road, as he was asked by a resident to do so. Ted stated he was concerned about the need to obtain the right equipment that would be needed and possibility that Snowmobiles as well as ATVs might start to use the road in the winter if this is done. Others were concerned that clearing this road during the winter would lead to others requesting that all trails in the city would need to be cleared of snow. The consensus of the Commission members was to not start clearing paths and trails of snow.

13. Adjourn. The meeting was adjourned at 5:15 pm.

Notes by Dave Schrupp

[illegible]

City of Crosslake

From: John Graupman <John.Graupman@bolton-menk.com>
Sent: Thursday, November 21, 2019 2:17 PM
To: 'Ted Strand'; Phil Martin
Subject: Crosslake WWTP Estimates

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Ted and Phil –

Per our phone call, following is a summary of expected major capital expenditures in the next 20 years. The expenditures are related both to growth and facility age.

2020
\$100,000 for piloting equipment for biosolids dewatering system. Recent rules on reed beds have cast doubt on sustainability of sending biosolids to the PRASD. Dewatering systems would reduce long-term operating cost and add operational flexibility
2021
\$1,000,000 for dewatering or storage upgrades to biosolids system.
20??

2029
\$8,000,000 for major upgrade and expansion. The facility would be 30-years old at this time and would require equipment upgrades along with anticipated facility expansion to accommodate changes to permit levels and increased users. Generally looking at clarifiers, filters and disinfection with possible oxidation ditch expansion. The timing could change pending permitting or sewer collection schedule. The facility would be at capacity based on ERUs after the Priority 3 expansion from the Citywide Wastewater Management Study. Assuming one priority area constructed every 3 years, an expansion would be needed for the 4th and 5th areas.

The facility would also need major equipment upgrade at this time regardless of growth. Facilities are designed on a 20-year growth projection, but many components have a longer life cycle. Concrete tanks are typically 40-60 years of expected life. Equipment such as clarifiers, filter tanks, ditch rotors, etc. are usually a 20-year life but can make 30-years. Most equipment is currently in reasonable shape and has 5-10 years of useful life remaining.

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