April 7, 2021

Regular meeting of the City of Two Harbors Utility Committee held on Wednesday, April 7, 2021 at 3 p.m.

Members present: Glaser, Swanson, Redden

Also present: Administrator Walker
Electrical Supt. Prince
Gas, Water, Sewer Supt. Johnson
WWTP Supt. Heikkila
Brian Guldan, Bolton & Menk
Joe Rhein, Bolton & Menk

Old Business:

1) Brian Guldan re: WWTP Improvements (see attached)
2) Luke updated re: Lift Station – Pipe pressure forced pipe apart. Lift station is cleaned up and it will be fixed next week. Insurance will pay to bring it back to original condition anything over is paid by the City.

New Business:

1) Non-disclosure agreement with Minnesota Power. Recommendation by Redden to bring agreement forward with review by the City Attorney. Second by Glaser. Carried.
2) Discussion on Dwain Moe’s request for bill reduction due to water leak. Motion to deny by Swanson. Second by Glaser. Carried.
   Motion to create a policy to address water leaks inside a residence by Glaser. Second by Swanson. Carried.

Meeting adjourned at 4:14 p.m.
Two Harbors
WWTF Improvements
Public Utilities Committee

April 7, 2021
3:00 pm
Zoom Online Meeting

Agenda

1. **Attendees**
   Mayor Swanson, Councilor Redden (joined at 3:15), Councilor Glaser, Dan Walker, Luke Heikkila, Paul Johnson, Blake Prince, Davin Pekkala, Joseph Rhein, Brian Guldan

2. **Review of Decisions Made**
   a. Decisions made during January 8th meeting
      i. Fence on entire west side to be concrete wall.
   b. Decisions made during January 20th meeting
      i. Fence Style – Vertical members with small gaps and an industrial steel look
      ii. Dark color for fencing and concrete wall
      iii. No “pop outs” should be used at the site entrances
   c. Decisions made during February 3rd meeting
      i. Fence Style – picketed Corten steel with some areas of solid plate steel with possible laser cut decorative figures or accents.
      ii. Style of concrete wall and columns to be ledge rock
      iii. Entrance Gates to be solid panel Corten with laser cuts. Gates will be manual swing gates with room for staff to enter/exit with only one side open.
      iv. Structural steel will not be used for aesthetics around tanks.
      v. Plantings - Plantings on the west side of the side should be included in the project. All other plantings will occur after the project by the City.
   d. Decisions made during February 16th meeting
      i. Fence Style – Ornamental Fence Layout 1 was selected (features full sections of solid panels with a few sections of pickets).
      ii. Staging Area – Utilize City property to the southwest of the train depot. Work with adjacent property owners for construction easement.
   e. Decisions made during March 3rd meeting
      i. Use wave pattern for laser cut panels
      ii. Landscape pattern for west wall, including 12” wide strip of river rock and steel edging.
3. **Discussion Topics**
   
   a. Easement Update –
      
      i. Dan and Brian met with the property owner on April 1st. The owner has indicated they are interested in donating the 10.43-acre parcel to the north and east of the WWTF to the City. The property owner has directed their attorney to work through details for donation of the land.
      
      ii. Dan and Brian discussed the situation with City Attorney Overom and concluded that the best path forward is for the City to finalize the desired easement with the property owner so construction can move forward as planned. The property donation will then move forward on its own schedule. Dan will be reaching out to the attorney of the property owner to finalize the temporary construction easement. The goal is to have the easement before bidding so a bid alternate can be avoided.
      
      iii. Brian indicated that there will be a gate provided on the east side of the site and provisions for future pumping of biosolids to the east of the site will be added to the plans.
      
   b. Laser Cut Wave Pattern Selection – Wave pattern “2” was selected by the committee. Mayor Swanson asked about a tree planting plan for this area. Plantings under the project scope were limited to the west side of the site. Future plantings will be done after the project by the City. Planting after the project will likely be easier as the fence/wall will be complete, and it will be easier to visualize what and where plantings are desired.
      
   c. Review of Lighting Concepts
      
      i. Lighting shall be provided on columns at both entrance gates on the west side. Lights shall be pointed downward to prevent light pollution.
      
      ii. Ground landscape lighting to be provided for landscaping on west side of site.
      
      iii. Back lighting of fence panels should be accomplished by mounting lighting on the fence panel, not on the ground. This will reduce maintenance for lawncare around the lights. This method can also be used on the entrance gates so those panels can be back lit.
      
   d. Laser Cut Panel Design for Gates – Ship patterns should be provided. A generic ore ship or tugboat (Edna G.) was suggested.
      
   e. Generator – Generator will be located on the south side of the site between the biosolids building and EQ tank. City can select enclosure color. The sounds enclosure will reduce the decibel level on the walking path to approximately 75 decibels, which is equivalent to a vacuum cleaner about 5 feet away. Standard procedures are to test run the generator for 30 minutes once per week. There were no concerns raised with the location of the generator.
      
   f. Lighthouse Point Road Modifications
      
      i. Removal of Lighthouse Lift Station- Station will be eliminated and replaced with gravity sewer. Gravity sewer will be able to serve future development on lighthouse point road.
ii. Relocation of Watermain – Watermain will be relocated to the south of the site.
   1. Paul questioned what all could be eliminated as part of the project. Brian will follow up with Paul after the meeting to review the full watermain drawings for the site.
   2. Blake indicated he will not want his electrical service near the watermain. Electrical service may be able to go inside fence along the south side.

iii. Future Realignment –
   1. Blake requested a preliminary layout for future alignment to make sure that utilities are being installed in the correct location. BMI to follow up on this item.
   2. Councilor Glaser indicated that a walking trail should be provided along lighthouse point road due to heavy foot traffic.

iv. What Level of Restoration is Desired for Lighthouse Point Road? Road shall be returned to a smooth surface after construction, even if it may be reconstructed in a couple years. Brian indicated that the plans and specs will call for this, but we can also evaluate it later if there is a way to schedule work to provide cost savings for the City with possible overlap of a street reconstruction project.

4. Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Task/Milestone</th>
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<tbody>
<tr>
<td>April 26</td>
<td>City Council Meeting</td>
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<tr>
<td>May 10</td>
<td>City Council Authorize BMI to Advertise and Bid Project</td>
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<tr>
<td>June 16</td>
<td>Project Bid Date</td>
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<tr>
<td>June 28</td>
<td>City Council Award Project</td>
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<tr>
<td>July 26</td>
<td>Construction Begins</td>
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**Deciduous Trees**
- Paper Birch*
- Coffeetree
- Elm
- Honeylocust
- Maple
- Oak
- Hawthorn

**Coniferous Trees**
- Trautman Juniper*
- Spruce: Fat Albert, White, Colorado
- Pine: Mugo, Austrian, Scotch

**Medium/Large Shrubs**
- Arrowwood Viburnum*
- Smokebush
- Lilac
- Witchhazel

**Small Shrubs**
- Dwarf Bush Honeysuckle*
- Sem Ash Leaf Spirea
- Potentilla