



Item 7b.

Sunfish Lake Engineer's Report for March 2, 2016

By: Don Sterna, PE, City Engineer

Date: February 26, 2016

1. Engineering Activities Undertaken in the Month of February.

The following Engineer's Report reflects the activities undertaken this past month, along with the anticipated engineering activity for the month of March.

- A. Fire Numbers** – The last 2 fire numbers are manufactured and they will be delivered to the City Forester at the March Council meeting.
- B. TH 110 Improvement Project for 2017** – MnDOT is still working on design modifications to TH 110 so at this time I have not seen the revised plans for Charlton Road's left turn lanes on TH 110 nor the answer to the fire truck turning radius for the U-turn. On March 3, 2016 we will be holding an onsite meeting to drive the project and review progress on the other design concerns raised by the task force and City Council. Also I am still trying to confirm if March 10th for a joint meeting between MnDOT, City Council and the Task Force works with MnDOT and should have a date finalized prior to March Council meeting. The last item on the list of decisions is where we want MnDOT to end their work on Charlton Road. At the Council meeting I would like to discuss this in greater detail so I can provide direction to MnDOT on the desired termination point of paving limits.
- C. Charlton Road Roadway Improvement Discussion** – MnDOT has requested the City to provide them direction on paving limits on Charlton Road as discussed in the above item. As previously discussed, MnDOT would temporarily take ownership over the improvement area for construction and then return the area back to the City when the project is completed if the City requested MnDOT to extend the paving limits beyond MnDOT right-of-way. The Council will need to consider several factors, including first what if any improvements should be made on Charlton Road. Secondly, how to acquire the necessary permanent and temporary easements and lastly how to finance the work. I would like to discuss this in greater detail at the March meeting to get direction from the Council on what our next steps should be. My recommendation is to handle the Charlton Road paving as a separate City project if the City decides to pave a section of the roadway. I met with the City Attorney two (2) weeks ago to discuss options available to the City, which I would like to discuss with the Council.

- D. **2017 City Improvement Project Discussion** – Our CIP calls for the full depth reclamation and repaving the eastern section of Salem Church Road from Roanoke Road to TH 3 including a 2" overlay on Roanoke Road. The project cost is currently estimated to be around \$286,000 for Salem Church Road and \$71,500 for the overlay on Roanoke Road for a total project cost of \$357,500. Assessing the project is a challenge due to the lack of resident's abutting the project. I would like to begin the discussion on assessment strategies and review the previous assessments on abutting projects to begin the improvement process. The next steps would be to first decide if this improvement should remain in the CIP for 2017 and if so I would then prepare a proposal for consideration by the Council to prepare the Feasibility Report that would include the development of the construction documents. The 2016 Budget did include funds to prepare the Feasibility Report.
- E. **Snow Plowing for February** – The winter continues to be good in regards to plowing activity, however icing and the issue of the hit mail boxes (2 this season) and the large rocks on the road from a recent sanding operations that has caused a significant issue with a few residents. I would like to discuss the current City snow plow policy and the use of sand/ salt mixture for deicing to begin a discussion on if changes to the policy need to be implemented for next year's winter season. I've requested the contractor to apply just salt for the rest of this snow season since we are having a very mild winter with a lot of freezing and thawing occurring. The contractor has not submitted there January invoice at this time, however we will significantly underrun the budget for this snow season. I will be able to update the Council at Aprils Council meeting regarding cost incurred to date.
- F. **Building and Site Reviews** – Over the past month, we have had one (1) pre-application meeting for a future project and one (1) pre-construction site visit.
- The pre-application meeting was for a proposed project at 5865 South Robert Street. It would involve removing the existing home on the site and building a new 2-story home in its place.
 - The pre-construction site visit occurred for the project at 27 Sunnyside Lane.
2. **Public Works' Activities Undertaken in the Month of February.**
- A. No Public Work activities were under taken for the month of February.
3. **Anticipated Engineering Activities for the Month of March.**
- A. **Charlton Road Potential Improvements** – Further work on improvements to Charlton Road will be dependent on the outcome of the Charlton Road improvement discussion from the March meeting. As the annual maintenance costs continue to rise, the need for a more focused discussion on the future of the Charlton Road surface condition should be under taken. This may involve a meeting with the residents to discuss options available to the City to gage the level of support for partial improvements to Charlton Road, easement requirements and financing of the project with the residents and City Council.
- B. **TH 110 Improvement Project for 2017** – I will be in further communication with MnDOT, Task Force and the Fire Chief regarding the project to try to work through the remaining concerns that came out of the joint meeting with MnDOT, City

Council and the Task Force. Again, MnDOT's schedule is to finalize their plans early in 2016, so the project can be bid later this year. Therefore, any final plan modifications need to be resolved in April in order to be incorporated into the final plans.

- C. **2016 Crack Seal and Seal Coat Project** – The CIP called for the reconstructed section of Salem Church Road for the cracks to be sealed and then a seal coat applied to the surface. With this work we would also need to restripe this section, which receives the seal coat. In March I will be preparing the construction documents and requesting City Council authorize the project at the April Council meeting. The request will be for authorization for quotes that will then be reviewed at the May Council meeting for approval.

- D. **Snow Plow Monitoring** – I will continue monitoring the city streets over the next several months through the winter to make sure issues are resolved and the proper snow plow removal is utilized. We have stepped up our monitoring of the street conditions, however it is very difficult to provide 24/7 monitoring of the street conditions and react immediately to changing weather conditions. Please notify me at 612-360-1289 if you see any unsafe conditions.

The above constitutes the Engineering Report for the City of Sunfish Lake for March 2, 2016.

Respectfully submitted,

WSB & Associates, Inc.



Donald W. Sterna, PE
City Engineer