



Item 7b.

Sunfish Lake Engineer's Report for February 7, 2017

By: Don Sterna, PE, City Engineer

Date: February 1, 2017

1. Engineering Activities Undertaken in the Month of January.

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

- A. Charlton Road Feasibility Report** – I would like to quickly update the Council on the preliminary design status at the February Council meeting. The field work involving private utility locations, field survey and soil borings were completed in January. We will have a draft of the feasibility report available for the Council to review during February for more detail discussion at the March Council Meeting. I will be discussing the different pavement widths, curb locations, maintenance vehicle bump outs, possible Sunfish Lake Outlet re-design and proposed easement requirements for Council to consider for the March Council meeting. At the March City Council meeting I would like to spend some time discussing the potential improvement and strategies for the next steps with the residents on the design and funding options for the project. Also I would like to schedule a time and place for an open house to discuss the project in greater detail with the residents in mid to late March, before we finalize the draft Feasibility Report. Project financing will be a challenge over the next 3 years based on the current improvement bond payment schedule. The first bond payment for the 2009 Salem Church Road Improvements is scheduled to be paid up in February 2020 and the second 2014 Street Improvements paid in full in the spring of 2025.
- B. 2017 Street Improvement Update** – On January 18, 2017 a public open house was held to discuss the upcoming 2017 Street Improvement project with the residents adjacent to the project. On February 7, 2017 the Public Hearing is scheduled for this project to officially hear from the residents that are proposed to be assessed for the improvements. If the City Council approved the final Feasibility Report and orders the project, the next step will be to order the preparation of the final plans construction documents, which will be ready for approval at the March 7, 2017 Council Meeting. At that meeting, the Council will be requested to approve the plans and authorize bidding. Bids would be received on April 4, 2017 and would be presented to the City Council on April 4, 2017 for approval.
- C. Snow Plowing for January** – Over the past month the City incurred \$7,415 in costs for removing the snow and applying deicing material consisting of sand/salt mixture and in several cases just straight salt to improve the driving conditions. For the season, the City has incurred \$9,452.50 in costs for snow and ice removal up through January 15th. I have request that the streets be plowed to clear the soft snow and ice during the warm spell of the week of January 16th. The plowing company, I feel has done a good job this season responding to the weather conditions and monitoring the road conditions. We did respond to a concern about water draining across Charlton Road. At first this was thought to be a water main break and I directed the plowing company to repair the leak. As they were excavating the area along the ditch on the north side, it was observed that the water was actually coming from the pond adjacent to the water main and not a water main leak. The ditch was dug out to restore a ditch to help drain the pond. The excess rain this past year is pushing the water table higher and is

causing drainage issues along Charlton Road as well as the lake itself. This will be discussed in the feasibility report that is being prepared for Charlton Road.

- D. Building and Site Reviews** – Over the past month, there has been one minor site review that involved a new monument and address sign for 27 Sunnyside Lane.
 - E. Wetland Conservation Act 2016 Annual Report** – As administrator of the Wetland Conservation Act (WCA) for Sunfish Lake, Sunfish Lake is required to submit a report to the Board of Water and Soil Resources (BWSR) summarizing the wetland review work completed in Sunfish Lake each year. The report was due February 1st. WSB & Associates as LGU representative for the City's Wetland Conservation Act program, put together the report and submitted it to BWSR for their approval.
- 2. Public Works' Activities Undertaken in the Month of January.**
No other Public Works activities were undertaken in the month of January.
- 3. Anticipated Engineering Activities for the Month of February.**
- A. Charlton Road Potential Improvements** – Finalize the draft feasibility report, cost estimate and preliminary plans for Charlton Road Improvements for a March City Council review. The work also will involve establishing the proposed easements that the City would be requesting from the residents that are required to construct the project.
 - B. 2017 City Improvement Project** – Finalize the plans and bidding documents for Council approval and authorization to bid at the March 7, 2017 meeting. Bids will be received on April 4, 2017 and will be presented at the April 4, 2017 City Council Meeting for action. If the Council approves the bid, then contractors will be prepared for final signature in April. The contract would allow some flexibility on the actual start date to best fit into their scheduling of work. The rationale for the construction schedule flexibility is to allow the selected contractor to determine the best time in their schedule between these dates to construct the project which hopefully will help with construction costs. Once the project is started, the contractor will have 3 weeks to complete the actual construction and another week to finish the turf restorations and clean up. The work could not start before June 12th and must be completed by August 25th.
 - C. Snow Plow Monitoring** – I will be monitoring the City streets over the next few months through the winter to make sure issues are resolved and the proper snow plow removal is utilized. Please notify me at 612-360-1289 if you see any unsafe conditions.
- 4. Public Works' Activities Planned for in the Month of February.**
At this time, there are no planned public work activities for the month of February.

The above constitutes the Engineering Report for the City of Sunfish Lake for February 7, 2017.

Respectfully submitted,

WSB & Associates, Inc.



Donald W. Sterna, PE
City Engineer