



Item 7b.

Sunfish Lake Engineer's Report for November 7, 2017

By: Don Sterna, PE, City Engineer

Date: November 1, 2017

1. Engineering Activities Undertaken in the Month of October.

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

A. Charlton Road Improvements Update – To establish final easement limits, we needed to finalize the design to set the construction impact limits. Also, we completed the easement parcel sketches and descriptions for the City Attorney to prepare the final easement documents. There are a few temporary easements required to restore driveways and slope grading that will be required for proper drainage outside of the permanent easements. The temporary work I would like to request just a right to enter, so we have permission to perform the work, which would simplify the easement process for the project. The City Attorney will be preparing the final easement documents that will be used to dedicate the easements necessary to construct the project. At the November Council meeting, I have requested a separate action item be added to the agenda to discuss this project in greater detail with the Council. The following are the items that I would like to address.

- 1) Easements: Final documents are ready to be delivered to residents in early November
- 2) Financing: Discuss project financing option available to the City
- 3) Feasibility report acceptance scheduled for December meeting
- 4) Project schedule update

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| • Letter to Residents | November 9, 2017 |
| • Field Locate Easements | November 14, 2018 |
| • Open House (Mendota Fire Hall) | November 16, 2017 at 6:00 pm |
| • Receive Final Feasibility Report | December 5, 2017 |
| • Order Public Hearing | January 2, 2018 |
| • Public Hearing | February 6, 2018 |
| • Order Plans and Specifications | February 6, 2018 |
| • Approve Plans and Specification, Authorize Bids | March 6, 2018 |
| • Open Bids | April 11, 2018 |
| • Approve Bids and Award Project | May 8, 2018 |
| • Begin Construction | June 11, 2018 |
| • Completed Project | August 15, 2018 |
| • Assessment Hearing | September 4, 2018 |
| • Certify Assessments to County | Mid-October, 2018 |

B. 2017 Street Improvement Update – The remaining turf re-establishment and site cleanup has been completed and final quantity resolution and payment has been finalized for payment waiting on contractor approval before requesting final Council approval. The assessments were certified with Dakota County in October.

- C. **Fire Number Clarification** – Earlier this year a resident experienced a 911 emergency call and the emergency responders had difficulties locating the residents house based on the fire numbers along the public street. After discussing this with the City Forester, Police and Fire Chiefs, it was concluded that this is not an isolated issue. It was concluded that 911 responders use the fire numbers and when numbers are missing, hard to read, numbers switched or not identified along the public roads, it makes their job more difficult. Therefore, based on this discussion, it was agreed that a comprehensive field survey of all properties and there assigned fire numbers be undertaken to confirm the correct numbers, legibility and identify missing numbers be completed in November for further discussion at the December meeting. Also, a factor in response time is the ability to quickly read the numbers along the streets. I would like to discuss options on how to improve the visibility for the 911 responders with the Council at the December meeting as well.

- D. **TH 110 Intersection Resolution Update with MnDOT** – By the November Council meeting, MnDOT should have Angell Road pavement vertical correction completed. The culvert and ditch work west of TH 110 has been slightly delayed due to the permit amendment that is required due to additional wetland impacts resulting from the ditch grading. This work can be completed in colder weather, so the delay will not impact completing this work yet this year.

The only remaining issue that will not be resolved this fall is the TH 110 median height at Charlton Road. A meeting on October 9 was held on site with MnDOT representatives, the Fire Chief and City Engineer. Two (2) options were discussed; Option 1 is to lower a 20-foot-wide section of median curb or Option 2, extend a hydrant across TH 110 at Charlton Road. MnDOT indicated that it was too late in the year to be removing and replacing concrete curb, so if Option 1 is selected the work would be done in the spring of 2018. The City Engineer discussed the possibility if Charlton Road does in fact move forward this winter into construction, that as part of that project, a new hydrant could be extended across TH 110 thereby avoiding TH 110 median work. The preferred action plan by both MnDOT and the Fire Chief is to extend the hydrant across TH 110. If the hydrant extension option is not selected, then MnDOT will plan on removing and replacing the median curb in the spring.

- E. **Renaming TH 110 to TH 62** – The Minnesota Department of Transportation (MnDOT) has decided to change the name of Highway 110 to Highway 62, effective summer 2018. The reason for this change is to provide clarity to motorists by having one route, one number on this east/west road. MnDOT has received numerous complaints from motorists not knowing which road they are on in this area, specifically on Highway 55 between Highway 62 and Highway 110 near the MSP airport. This change will also allow all exits along this corridor to have a consistent numbering convention, to ease driver confusion. For more information about this change visit mndot.gov/metro/projects/hwy110renamingtohwy62/

2. **Building and Site Reviews** – One preconstruction site inspection was performed at:

- 330 Salem Church Road for the installation of a new home (preconstruction)

A memo requesting the installation of erosion control protection as noted on the plans for the site was sent to the builder by the City Planner.

3. **Public Works Activities Undertaken in the Month of October.**
No planned public works activities were undertaken in the month of October.

4. **Anticipated Engineering Activities for the Month of November.**

- A. **Charlton Road Improvements Update** – We plan on finalizing the Feasibility Report for City Council action at the December meeting.

- B. Snow Plow Monitoring** – November is typically the start to this year's snow and ice removal season. I will be 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. Please notify me at 612-360-1289 if you see any unsafe conditions.

5. Public Works Activities Planned for in the Month of November.

At this time, there are no planned public works activities planned for the month of November.

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

Respectfully submitted,

WSB & Associates, Inc.



Donald W. Sterna, PE
City Engineer