

Item 7b.

Sunfish Lake Engineer's Report for July 10, 2012

By: *Don Sterna, PE, City Engineer*

Date: *July 2, 2012*

1. Engineering Activities Undertaken in the Month of June

Crack Seal – The contractor was notified to proceed with the work; however, his schedule is fairly booked in July. I anticipate that the contractor will be in town towards the end of July or early August to seal the cracks. The work is anticipated to take approximately one day to complete once he arrives.

Charlton Road Ditch and Culvert Repairs – The residents were notified of the proposed culvert cleaning, and Pine Bend has scheduled the work for the week of July 11. The work should take one day to complete. Once the work is completed, Pine Bend will grade the bad areas of the roadway to repair the damage from the wet spring weather that occurred.

Salem Church Road Shoulder Repair – In late June, Pine Bend repaired the gravel shoulder on both sides of Salem Church Road. I also met with Ebby Bulach on site to review options of what could be done to construct a more permanent solution. The general consensus was that a 4-foot wide paved shoulder with a steeper cross slope would help dissipate the concentration of water along the shoulders edge reducing the volume of water at any given point along the shoulder. This should reduce the erosion potential, thereby, slowing and/ or preventing the continuous erosion of the shoulder. Also, the cross slope of the roadway could be increased when the roadway is resurfaced which will also help by better controlling where the water drains off of the surface. The preliminary Capital Improvement Plan identifies this section of roadway to be resurfaced in the next eight to ten years, at which time, we could make these shoulder improvements. The other option would be to pave the shoulder as part of the Windy Hill Roadway improvements which is tentatively scheduled in the next two to three years.

Street Pavement Repair – Pine Bend Paving reviewed the City streets, and they indentified more areas that should be repaired than I first estimated in June. I would like to amend my original request of \$1,500 and increase the amount not to exceed \$3,500. This would allow for additional surface repairs which will mitigate future repair costs. The 2012 budget allocated up to \$3,500 in surface repairs for 2012. Therefore, I am requesting the council to increase the original request up to \$3,500 per the approved 2012 budget amount.

2012 CAMP Program Contract – I received the fully executed 2012 CAMP program from the MPCA.

2. Public Works' Activities Undertaken in the Month of June

MS4 Annual Report – The annual MS4 report for 2012 was submitted to the MPCA at the end of June for their review and approval.

3. Anticipated Engineering and Public Works' Activities for the Month of July

- **CIP Update** – The draft of the 2012 CIP was presented to the Council at the June Council Meeting for review prior to discussion at the July Council meeting. The CIP will be finalized to reflect comments received from the Council for adoption at the August Council meeting. This document will be utilized to not only plan next year's Public Works' budget but also to plan for future infrastructure improvements.
- **Prepare the 2013 Draft Public Works Budget** – I will be preparing the draft 2013 budget for engineering and public works' activities for next year for discussion at the August City Council meeting.

The above constitutes the Engineering Report for the City of Sunfish Lake for July 10, 2013.

Respectfully submitted,

WSB & Associates, Inc.



Donald W. Sterna, PE
City Engineer

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