



Legislation Text

File #: 16-529, **Version:** 1

City Council Meeting Date: December 6, 2016

To: Mayor and City Council
City Administrator

From: Sean Simonson, Engineering Manager
Dave Bennett, Public Works Director/City Engineer
Cole Johnson, Water Quality Technician

Consideration of motion to authorize Request for Proposals (RFP) for Pond Assessments

Action Requested:

Staff recommends approval of the Motion authorizing RFP for Pond Assessments.

Summary Report:

The City of Northfield uses a system of stormwater management ponds to effectively treat stormwater runoff. These stormwater management ponds are designed to retain solids and associated pollutants prior to moving on to receiving water. (i.e. Cannon River, Spring Creek).

As part of the City of Northfield's efforts to maximize the effectiveness of stormwater management ponds located in the City, a proposed pond assessment is recommended to survey and analyze these ponds to determine maintenance needs and effective performance.

A total of 48 owned/operated stormwater management ponds within the City have been identified to be surveyed to determine life expectancy based on historical and anticipated future loadings. Of these stormwater management ponds surveyed, 10 ponds with the highest percentage of sediment accumulation will be sampled and tested for pollutants. The sediment testing is done to assist in determining the costs of disposal of removed sediment.

Once these sediment tests are completed, project cost estimates for each of the 10 ponds identified will be calculated for the removal, hauling, disposal, site restoration, engineering and any other costs associated with the suggested maintenance. The reason for selecting 10 ponds is that it will assist in the development of a 5-10 Capital Improvement Plan for our maintenance needs. This will assist in establishing the storm water utility rate to facilitate these maintenance projects.

Alternative Options:

The RFP is before council at their request and the project is being initiated prior to 2017. If council wishes to add or modify the RFP it can be discussed during the Council Meeting.

The City Council could decide to not approve the RFP for the pond assessments, however this item is identified and budgeted for in 2017 and will assist in financing and planning for our infrastructure improvements.

Financial Impacts:

The proposed 2017 - 2021 CIP includes \$70,000 for the pond study and will be in the 2017 adopted budget.

Tentative Timelines:

1. City Council Request for Proposal Authorization - December 6, 2016
2. Proposals Due - January 6, 2017
3. Proposal Award - January 17, 2017
4. Pond Assessment report completion - July 28, 2017