

**COOPERATIVE AGREEMENT
FOR
PREPARATION OF A FEASIBILITY REPORT FOR THE
NORTHWOOD LAKE IMPROVEMENT PROJECT: (NL-1) JORDAN OUTLET POND
AND POND NB 29A, B**

This Agreement is made as of this ____ day of _____, 2014, by and between the Bassett Creek Watershed Management Commission, a joint powers watershed management organization (hereinafter the "Commission"), and the City of New Hope, a Minnesota municipal corporation (hereinafter the "City").

WITNESSETH:

WHEREAS, the Commission adopted the Bassett Creek Watershed Management Commission Water Management Plan, July 2004 on September 16, 2004 (the "Plan"), a watershed management plan within the meaning of Minn. Stat. § 103B.231; and

WHEREAS, the Plan, as amended, includes in the Commission's Capital Improvement Program ("CIP") a Project referred to as Northwood Lake Improvement Project: (NL-1) Jordan Outlet Pond and Pond NB 29A, B (the "Project"); and

WHEREAS, the Joint Powers Agreement for the Commission requires the preparation of a feasibility report for projects in its CIP; and

WHEREAS, the City is willing to prepare a feasibility report for the Project on the terms and conditions hereinafter set forth.

NOW, THEREFORE, ON THE BASIS OF THE PREMISES AND MUTUAL COVENANTS HEREINAFTER SET FORTH, THE PARTIES AGREE AS FOLLOWS:

1. The Project will consist of the Northwood Lake Improvement Project (NL-1) Jordan Outlet Pond and Pond NB 29A, B.
2. The City will prepare a feasibility report for the Project (the "Report") in accordance with the Proposal of Stantec Consulting Services, Inc. attached as Attachment One.
3. The Commission will reimburse up to thirty thousand Dollars (\$30,000) of the cost of preparing the Report.
4. Reimbursement to the City will not exceed the amount specified in paragraph 3. Reimbursement will not exceed the costs and expenses incurred by the City for preparation of the Report, less any amounts the City receives for preparation of the Report as grants from other sources. All costs of preparing the Report incurred by the City in excess of such reimbursement shall be borne by the City or secured by the City from other sources.

5. All City books, records, documents, and accounting procedures related to the preparation of a Report are subject to examination by the Commission.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers on behalf of the parties as of the day and date first above written.

BASSETT CREEK WATERSHED
MANAGEMENT COMMISSION

By: _____
Its Chair

And by: _____
Its Secretary

CITY OF NEW HOPE

By: _____
Its Mayor

And by: _____
Its Manager



Stantec Consulting Services Inc.
2335 Highway 36 West
St. Paul MN 55113
Tel: (651) 636-4600
Fax: (651) 636-1311

Attachment One

May 5, 2014
File: 193802816

Attention: Bob Paschke

Director of Public Works
City of New Hope
5500 International Parkway
New Hope, MN 55428

Reference: 2016 Northwood Lake Improvements Project – Feasibility Study Proposal

Dear Bob,

As requested, we have prepared a scope of services for completing a Feasibility Study for the proposed storm water quality and quantity improvements at Northwood Lake. The storm water improvements are currently in the Bassett Creek Watershed Management Commission's (BCWMC) Capital Improvement Plan (CIP) for 2016 and 2017, as identified on the attached Figure 1. This project will follow the BCWMC Project Timeline which extends over a 28 month period of time. If the BCWMC decides to move forward with this project, authorization to complete the Feasibility Study may occur at the May 15th Commission meeting.

The Feasibility Study will address and follow the criteria as established by the BCWMC, which was approved on October 17, 2013 (see attached). The following tasks are proposed to complete the Feasibility Study:

Task 1: Complete Preliminary Survey/Site Field Investigation

As part of this task, we will complete a preliminary survey in order to understand existing site conditions and elevations. We will also conduct field investigations on the existing storm water infrastructure. Lake background and project history will be discussed with City staff.

This task also includes completing a geotechnical evaluation of the existing soils at the two water quality pond locations. Approximately 4-6 soil borings will be taken to evaluate the soil for potential infiltration.

Estimated Cost: \$10,000



Reference: 2016 Northwood Lake Improvements Project – Feasibility Study Proposal

Task 2: Review Improvement Options

This task includes reviewing improvement options for the two water quality ponds. The appropriate best management practices will be reviewed, and shall include but not limited to infiltration/filtration basins and water quality control structures (i.e., Stormceptor, grit chamber). The best water quality treatment and most feasible improvement options will be identified.

Estimated Cost: \$6,000

Task 3: Prepare Preliminary Plan and Cost – Draft Feasibility Report

We will prepare a preliminary plan, including concept drawings and a preliminary cost estimate for all improvement options identified in Task 2.

Estimated Cost: \$6,000

Task 4: Review Draft Feasibility Report with Stake Holders

As part of this task, we will be holding a meeting with City staff and neighborhood residents. We will review the improvement options with the stake holders, obtain feedback, and identify any concerns.

This task also includes presenting the Draft Feasibility Report to the BCWMC, where we will review options and gather feedback in order to finalize the report.

Estimated Cost: \$2,500

Task 5: Prepare/Finalize Feasibility Report

A final Feasibility Report will be prepared identifying the improvements, the cost for the improvements, and the water quality benefits. The report will discuss the lake background and history, and will discuss the stake holder feedback. The report will contain figure drawings, site photos, and tables to illustrate the existing conditions and potential improvements.

Recommendations on the most feasible improvement options will be provided.

Estimated Cost: \$4,000



May 5, 2014
Mr. Bob Paschke
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Reference: 2016 Northwood Lake Improvements Project – Feasibility Study Proposal

Task 6: Review Report with City Staff and BCWMC

The Feasibility Report will be presented to City staff and Council, and reviewed with BCWMC. Upon City and BCWMC approval, we will provide information and recommendations on the best approach to move forward with implementation of the project.

Estimated Cost: \$1,500

Cost for Study/Feasibility Report

Total Feasibility Report Cost Estimate (Tasks 1-6) = \$30,000

This estimate is based upon the scope of services outlined in this proposal, and with the following estimated schedule as shown below:

Feasibility Report Schedule:

- End of May 2014: Begin Field Investigation, Task 1
- Summer of 2014: Conduct City staff and Neighborhood Meetings
- September 2014: Complete Draft Feasibility Study
- November/December 2014: BCWMC Draft Feasibility Report Review
- May/June 2015: Approve Final Feasibility Study

Proposed Design/Construction Schedule

- October 2015 – April 2016: Design Improvements
- May – September 2016: Construct Improvements

If you have any questions or require further information please call me at (651)604-4808.

Sincerely,

STANTEC

Christopher W. Long, P.E.
City Engineer



May 5, 2014
Mr. Bob Paschke
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Reference: 2016 Northwood Lake Improvements Project – Feasibility Study Proposal

The undersigned hereby consents to the Contract as noted above and attached to Stantec Consulting Services Inc.

ACCEPTED BY:

Kirk McDonald, City Administrator
City of New Hope

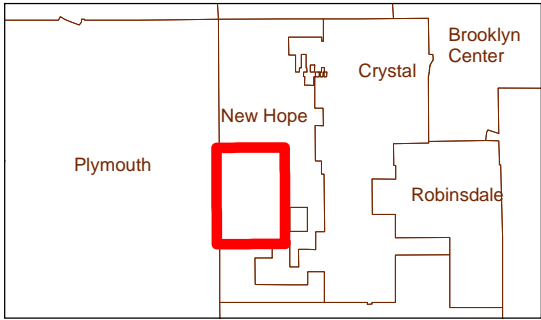
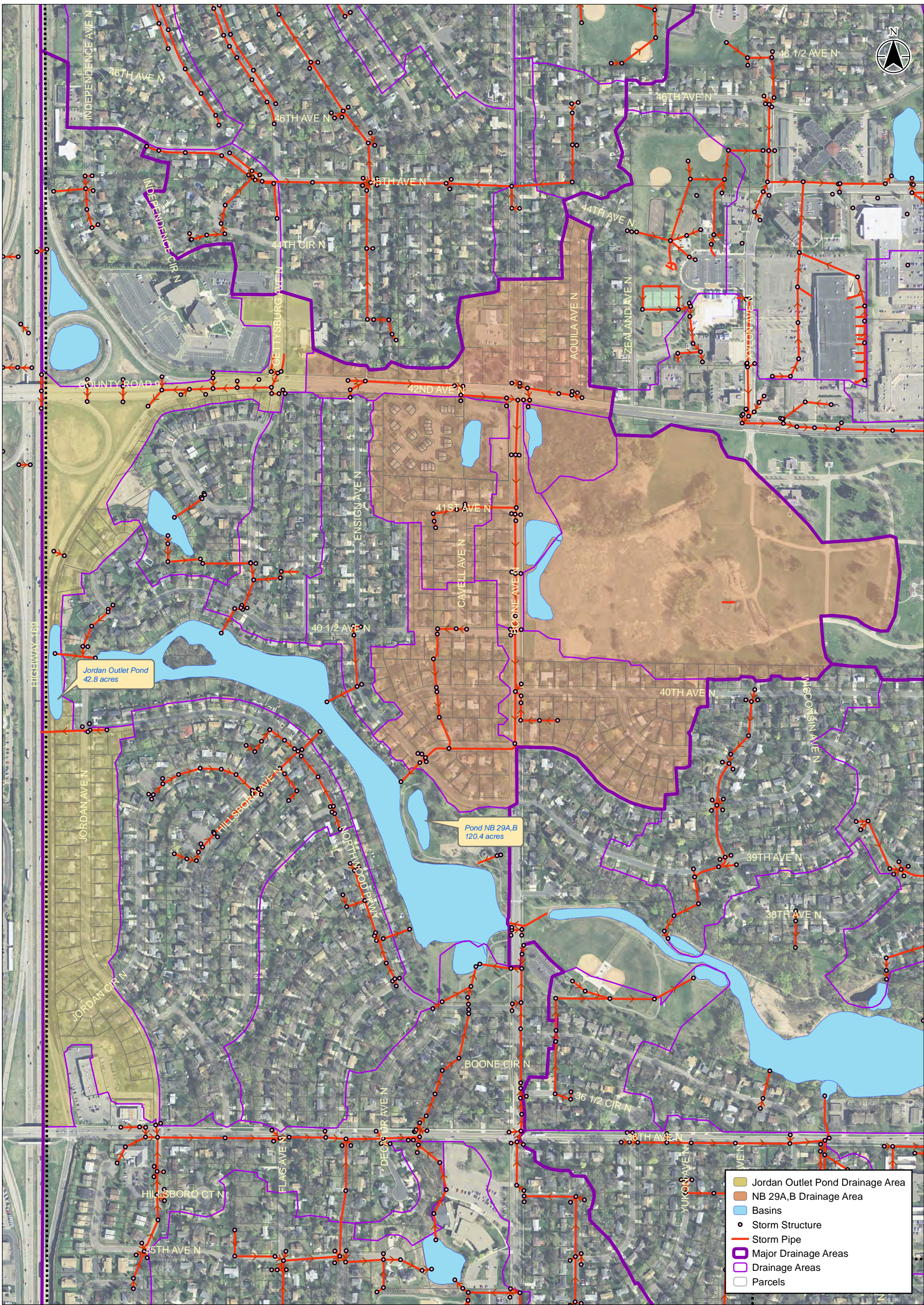
Date

Kathi Hemken, Mayor
City of New Hope

Date

Attachments: Figure 1; CIP Page NL-1 New Hope; BCWMC Feasibility Study Criteria

Cc: Bernie Weber, Shawn Markham, John Blasiak – New Hope; Adam Martinson, Rohini Ray, Jeremy Hauser – Stantec.



Northwood Lake Storm Water Improvement Areas

New Hope, MN

0 250 500 1,000 Feet

1:6,000 (At original document size of 11x17)

Figure 1



Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

Revised: 2014-05-05 By: dmerickson
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