



# MEMORANDUM

## Public Works Department

763-593-8030 / 763-593-3988 (fax)

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**Date:** April 19, 2018

**To:** Laura Jester, Administrator, Bassett Creek Watershed Management Commission

**From:** Eric Eckman, Development and Assets Coordinator

**Subject:** Channel Maintenance Funds Request

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The City of Golden Valley requests BCWMC channel maintenance funds in an amount not to exceed \$15,000. The City's available allocation from this fund is approximately \$152,920.00 (see attached memo). The funds will be used to repair and restore a portion of the streambank along the Sweeney Lake Branch of Bassett Creek that is experiencing erosion and undercutting. Attached is a map of the location.

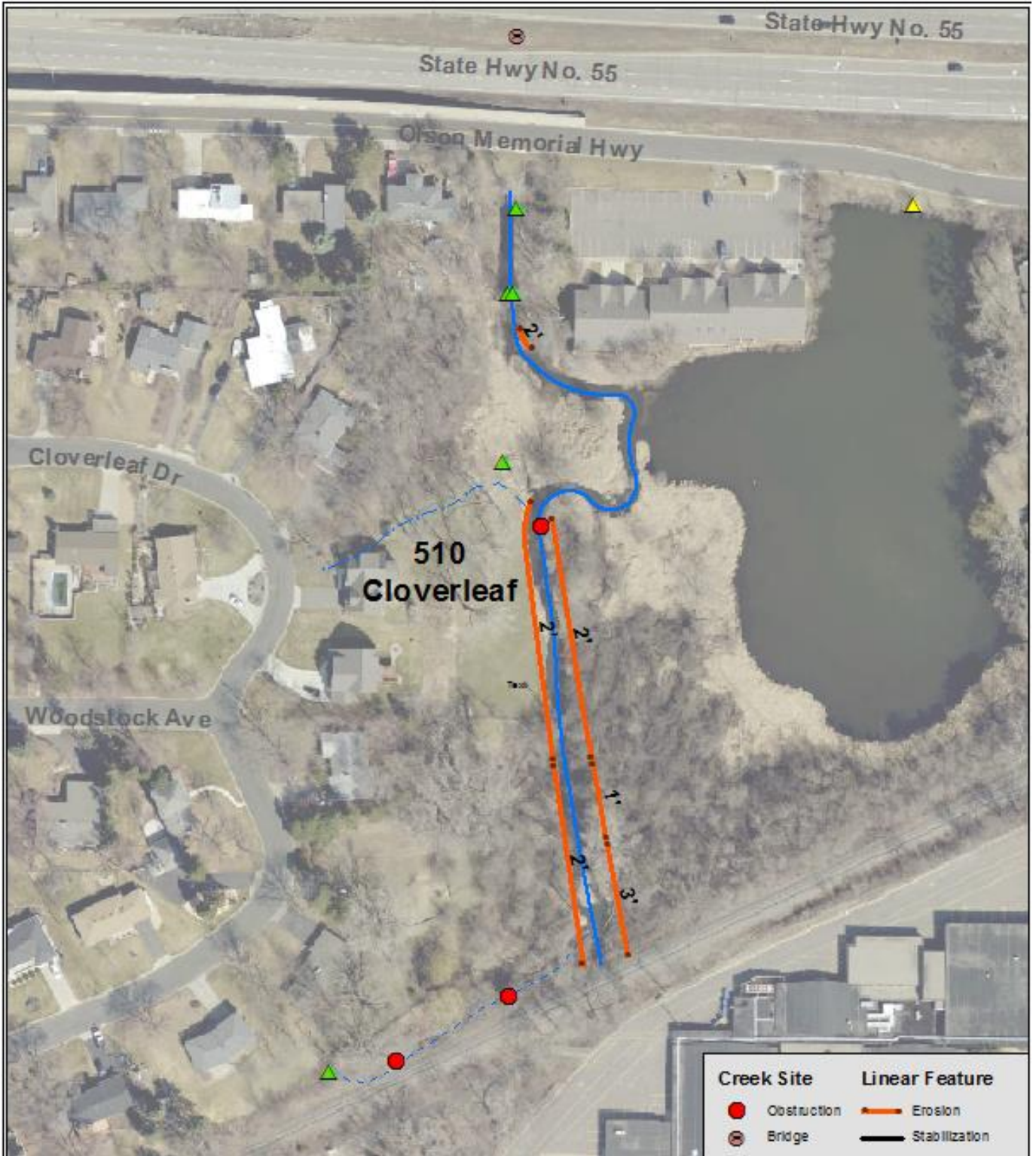
The owner whose property is being impacted is planning to fund 50% of the costs. The cost sharing will be outlined in a separate agreement between the City and owner.

The owner of 510 Cloverleaf Drive has requested quotes from two landscape contractors and is looking to utilize a combination of hard and soft armoring to repair the site and prevent future erosion and soil loss. As part of the project a buffer of native vegetation will also be implemented to help stabilize the bank and filter sediment and nutrients before entering the creek. The City requires that a professional engineer prepare and sign the plans and that the Commission Engineer review the plans.

This area has been identified for erosion issues in the City's annual creek inventory. The area has continued to erode and experience greater undercutting since the last inspection. This project will stabilize and restore the bank to help protect and improve the water quality of the stream and Sweeney Lake.

The City respectfully requests that the TAC determine this project's eligibility for use of channel maintenance funds.

# 2017 Creek Inventory







## Bassett Creek Watershed Management Commission

### Memorandum

**To:** BCWMC Technical Advisory Committee  
**From:** Laura Jester, BCWMC Administrator  
**Subject:** Available Channel Maintenance Funds  
**Date:** February 21, 2018

#### Channel Maintenance Fund Budget

Budget Year	Total Funds Budgeted
2003	\$50,000
2004 - 2013	\$250,000 (\$25,000 / year)
2014	\$25,000
2015	\$25,000
2016	\$25,000
2017	\$25,000
2018	\$25,000
	<b>TOTAL: \$425,000</b>

**Fund Distribution Based on Need:** None of total channel maintenance funds [0% x 425,000] will be distributed to member cities based on need.

#### Fund Allocation Based on Percentage of Trunk System

One hundred percent of total channel maintenance funds [100% x 425,000] will be allocated to member cities based on their percentage of overall trunk system.

## Fund Allocation Based on Percentage of Trunk System

Allocation Formula: (Percent of trunk system) x (\$425,000) = Allocation

City	% Trunk System	Accumulated Funds (over life of fund)	Approved Project	Funds Approved	Funds Reimbursed	Accumulated Funds Remaining
Minneapolis	8.23	\$34,977.50	Supplemental funds for the Bassett Creek Main Stem Restoration Project (CR2012)	\$26,747.50 (Jan 2014)	\$26,747.50 (Nov 2015)	<b>\$8,230.00</b>
Golden Valley	48.99	\$208,207.50	Sweeney Lake Branch Streambank Stabilization at 215 King Road	\$2,640.00 (2004)	\$2,640.00 (11/2004)	-
			A 2012 stream bank restoration project immediately upstream of St. Croix Avenue, within the Main Stem Reach 1, Subreach 2.	\$82,100.00 (Jan 2012)	\$17,900.00 (Dec 2012) <sup>1</sup>	-
			Stabilization along Bassett Creek Main Stem at private residences at 4840 and 4820 Markay Ridge	\$75,000.00 (June 2014)	\$34,747.50 (Feb 2015)	-
			<b>Golden Valley SUBTOTAL</b>	<b>\$159,740.00</b>	<b>\$55,287.50</b>	<b>\$152,920.00</b>
Plymouth	26.42	\$112,285	Channel Maintenance Repairs in the lower reaches of Plymouth Creek	\$50,000.00 (Jan 2005)	\$38,823.35 (Mar 2009)	-
			Plymouth Creek Channel Stabilization/ Sediment Removal downstream of fish barrier	\$45,000.00 (Nov 2008)	\$0	-
			<b>Plymouth SUBTOTAL</b>	<b>\$95,000.00</b>	<b>\$38,823.35</b>	<b>\$73,461.65</b>
New Hope	7.31	\$31,067.50	North Branch Channel Excavation Project	\$18,100.00 (Nov 2008)	\$0	
			Northwood West Inlet Cleaning	\$16,448.00 (Jan 2010)	\$29,240 (March 2017)	
			Northwood Wetland Cleaning	\$75,000 - \$200,000 (Nov 2010)	\$0	
			<b>New Hope SUBTOTAL</b>	<b>\$109,548 - \$234,458</b>	<b>\$29,240</b>	<b>\$1,827.50</b>
Crystal	9.05	\$38,462.50	North Branch Bassett Creek Erosion Repair Project	\$31,675.00 (Nov 2015)	\$6,675.00 (Mar 2017) \$25,000 (Oct 2017)	<b>\$6,787.50</b>
<b>TOTAL</b>	<b>100.00</b>	<b>\$425,000</b>				<b>\$243,226.65</b>

<sup>1</sup> Reimbursement for work property owners on portions of the Main Stem of Bassett Creek adjacent @ 5919 and 5929 St. Croix Ave.