

# Memorandum

**To:** Bassett Creek Water Management Commission  
**From:** Barr Engineering Company  
**Subject:** Items on the Commission October 16, 2003 Meeting Agenda  
**Date:** October 9, 2003  
**Project:** 23/27 051

## 1. 3820 Bassett Creek Drive : Golden Valley

### Summary

**Proposed Work:** Riprap Protection Plan

**Basis for Commission Review:** Work in floodplain.

**Recommendation:** Conditional Approval

The city of Golden Valley has requested review of a residential streambank protection plan along the Main Stem of Bassett Creek in Golden Valley. The project is located at the referenced property along the west side of Bassett Creek, about 300 feet upstream of Golden Valley Drive. The management envelope is 830.0 feet MSL. The project includes placement of riprap and filter along 150 feet of shoreline. Riprap was placed along a portion of the shoreline during 1981. This project includes improving the existing riprap and extending the limits of the riprap to prevent bank erosion. Filter fabric will be placed beneath the riprap. The applicant's contractor plans to perform the repairs this year after approval of the project.

Recommendation: Approval, contingent on the following comments:

- a. The cross section of Bassett Creek must not decrease as a result of the project.
- b. Storage volume below the floodplain must not be reduced from existing conditions as a result of the project.
- c. Disturbance in the creek must be minimized during construction.
- d. Riprap shall be placed in accordance to DNR recommendations and so erosion is not transferred to other locations of the channel.
- e. Riprap shall be adequately sized for creek flows.

## 2. Guidelines for Allocation of Funds from Streambank Maintenance Fund

At the BCWMC September 18, 2003 meeting, the Commission discussed assigning the task of drafting guidelines for the allocation of funds from the streambank maintenance fund to the BCWMC Technical Advisory Committee.

The draft Second Generation Water Management Plan states in Section 7.2.2(M) Stream Restoration Policies, the following: *The BCWMC Technical Advisory Committee will develop guidelines for the allocation of funds from the Creek and Streambank Trunk System Maintenance, Repair and Sediment Removal Fund.*

It was not clear from the discussion at the September meeting if the TAC was assigned the task of drafting the guidelines for streambank maintenance. The Commission engineer requests clarification of how the Commission would like this task carried out.

## 3. For Information Only

### a. St. Joseph's Church Storm Water and Utility Improvements: New Hope

A revised grading, drainage, and erosion control plan was reviewed for the proposed project. A letter of approval was sent to the city of New Hope.

### b. St. Joseph's Church Channel Restoration: New Hope

A revised grading, drainage, and erosion control plan was reviewed for the proposed project. A letter of approval was sent to the city of New Hope.

### c. New Hope Sinclair Station: New Hope

A revised grading, drainage, and erosion control plan was reviewed for the proposed project. A letter of approval was sent to the city of New Hope.

### d. Spirit of Hope Church: Golden Valley

A revised grading, drainage, and erosion control plan was reviewed for the proposed site expansion. A letter of approval was sent to the city of Golden Valley.

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e. Shelard Park Improvements: St. Louis Park

A revised grading, drainage, and erosion control plan was reviewed for the proposed project. A letter of approval was sent to the city of St. Louis Park.

f. Austrian Pines: Minnetonka

A grading, drainage, and erosion control plan was reviewed for the proposed development. A letter of recommendation was sent to the city of Minnetonka. A revised plan was submitted and a letter of approval was sent.

g. Erosion Control Inspections

See attached September 24, 2003 memo.

h. Metro Clean Water Campaign Update

See attached October 7, 2003 memo.