

Memorandum

To: Commissioners, Bassett Creek Water Management Commission
From: Barr Engineering Company
Subject: Items on the Commission's October 17, 2002 Meeting Agenda
Date: October 11, 2002
Project: 23/27 051 2002

1. 1810 Major Drive: Golden Valley

Summary

Proposed Work: Riprap Protection Plan

Basis for Commission Review: Work in floodplain.

Recommendation: Approval

A request was received for review of a lakeshore erosion protection project Sweeney Lake in Golden Valley. The project is located at the referenced property at the northeast corner of Sweeney Lake. The management envelope is 831.5 feet MSL. The project includes placement of riprap and filter to protect the shoreline. Riprap will be installed along 125 feet of shoreline in accordance to DNR recommendations. Filter fabric will be placed beneath the riprap.

Recommendation: Approval, contingent on the following comments:

- a. Storage volume below the floodplain must not be reduced from existing conditions as a result of the project.
- b. Disturbance in the lakeshore must be minimized during construction.
- c. The slope of the riprap must not exceed 3 (Horizontal) to 1 (Vertical) for stability.

2. Brookview Golf Course Modifications: Golden Valley

The City of Golden Valley proposes to raise portions of the 14th fairway of Brookview Golf Course to prevent frequent damage caused by flooding. The Wisconsin Avenue control structure causes stormwater to be temporarily stored on the golf course and when downstream flows have receded, floodwater is released from Brookview. The length of inundation on the 14th fairway limits its use and causes excess damage. The city proposes to provide compensating storage elsewhere on the course. The Commission's management envelope is 888.0 MSL. Detailed plans will be provided by the city prior to the Commission meeting

Recommendation: For discussion.

3. Bassett Creek Improvements at Theodore Wirth Park

For discussion: See attached memorandum.

4. For Information Only

- a. 2001 Metropolitan Council Report on Lake Water Quality Monitoring

See attached memorandum.

- b. Ridge Point Senior Housing: Minnetonka

A grading, drainage, and erosion control plan was reviewed. A letter of recommendation was sent to the City of Minnetonka. A revised plan was submitted. A letter of approval was sent to the City of Minnetonka.

- c. Guyers Office Building Addition: Plymouth

A grading, drainage, and erosion control plan was reviewed. A letter of recommendation was sent to the City of Plymouth. A revised plan was submitted. A letter of approval was sent to the City of Plymouth.

- d. Plymouth Ice Arena/Lifetime Fitness: Plymouth

A grading, drainage, and erosion control plan was reviewed. A letter of recommendation was sent to the City of Plymouth. A revised submittal was reviewed. A letter of approval was sent to the City of Plymouth.

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e. Minnesota Medical: Golden Valley

A grading, drainage, and erosion control plan was reviewed. A letter of approval was sent to the City of Golden Valley.