

Memorandum

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Company
Subject: Items on the BCWMC April 21, 2005 Meeting Agenda
Date: April 13, 2005
Project: 23/27 051 2005 001

New Business

1. Robbinsdale Street Improvement Project 305-05

Summary

Proposed Work: Street reconstruction plan

Basis for Commission Review: Street reconstruction greater than 1 acre

Recommendation: Approval

A request was received for review of a street reconstruction project in the City of Robbinsdale. The project includes curb and gutter and utility improvements and the reconstruction of approximately 0.8 miles of residential streets in the Bassett Creek watershed. The project is located in the Main Stem watershed and includes reconstruction of France Avenue, 26½ Avenue, McNair Drive and 27th Avenue. Approximately 5.8 acres in the Bassett Creek watershed will be disturbed as a result of the project. Runoff discharges through existing storm sewers to Grimes Pond and the Main Stem of Bassett Creek. Construction is proposed during 2005. Temporary erosion control features including silt fence and inlet protection will be implemented during construction. Additional water quality ponding is not proposed due to unavailable property in the fully developed project area.

Recommendation: Approval

2. Crystal 2005 Phase 7 Street Reconstruction

Summary

Proposed Work: Street reconstruction plan

Basis for Commission Review: Street reconstruction greater than 1 acre

Recommendation: Conditional approval

A request was received for review of a street reconstruction project in the City of Crystal. The project includes utility improvements and the reconstruction of approximately 2.7 miles of street in the Bassett Creek watershed. The majority of the project is located in the Main Stem watershed and includes reconstruction of Adair Avenue, Brunswick Avenue, Colorado Avenue, Zane Avenue, Yates Avenue, Xenia Avenue, Welcome Avenue, Vera Cruz Avenue and 38th Avenue. Approximately 20 acres in the Bassett Creek watershed will be disturbed as a result of the project. Other segments of the project discharge north to the Shingle Creek watershed. Construction is proposed during 2005.

Temporary erosion control features will be implemented during construction. Runoff from a portion of the project will discharge to Hanson Pond located southwest of Xenia Ave. and 38th Avenue. Additional water quality ponding is not proposed due to unavailable property in the fully developed project area.

Recommendation: Approval, contingent on the following comments:

- a. Sheet 34: Outlet velocities at Structure 500 are greater than 9 feet per second. The normal water level of the receiving water body (Hanson Pond) must be confirmed. The invert of Structures 500 and 600 must be installed at or below the normal water elevation of the receiving water body.
- b. We recommend installation of a sump manhole/grit chamber at Structures 502 and 602 to remove grit and floatables from the runoff prior to entering Hanson Pond.
- c. Sump manholes must be maintained and inspected at least twice a year.
- d. The plans should be provided to the Shingle Creek Watershed for review of the features located north of 39th Avenue.
- e. Crystal is the LGU (local governmental unit) for the site. Wetland issues must be reviewed by the LGU (or its designated agent) for conformance to the Wetland Conservation Act.

3. Alliance Life Corporate Campus - Phase II

Summary

Proposed Work: Commercial Development

Basis for Commission Review: Alternative Treatment

Recommendation: Discussion

A request was received for review of a grading, drainage and erosion control plan at Alliance Life Corporate Campus in the City of Golden Valley. Alliance is roughly bounded by Interstate 394 on the south, Golden Hills Drive on the north, Xenia Avenue on the east, and Soo Line Railroad right-of-way on the west. The site is located within the Sweeney Lake Branch of Bassett Creek. The Sweeney Lake Branch has a Level I management classification. The entire site is 12.65 acres. The Phase II project includes construction of one building, a parking ramp addition and utility, parking and roadway improvements. Grading is proposed on 6.47 acres.

The Allianza Phase 1 project was reviewed and approved May 3, 2000. Runoff from the site discharges to the Xenia Avenue Regional Pond. The Xenia Avenue Pond was designed to level 1 standards for its entire sub-watershed. The May 3, 2000 approval letter for Allianza -Phase I indicated:

Runoff from a portion of the southwest corner of the site discharges off-site without water quality treatment. This area will be diverted through the water quality pond during the Phase II development of the property, after environmental soil issues have been resolved.

Telephone conversations with the applicant indicate that a portion of the Phase II development may discharge offsite without treatment. The applicant will review feasibility of routing this area to the regional pond or look at alternatives to provide storm water treatment. Recommendations will be discussed at the BCWMC meeting.

Recommendation: for discussion.

4. 2004 Annual Report

Enclosed is a draft copy of the 2004 Annual Report. This report is prepared in accordance with the Annual Reporting Requirements set forth in the Minnesota Rules, Chapter 8410.0150. The final report must be submitted to the Minnesota Board of Water and Soil Resources within 120 days of the end of the fiscal year. Please review and provide comments to Pat Schutrop (952-832-2652 or pschutrop@barr.com) by April 29, 2004. The report will then be finalized for the May meeting and sent to BWSR.

Old Business

5. Lakeview Park Pond

See discussion in the attached December 16, 2004 meeting minutes.

6. Information Only

a. Erosion Control Inspection Report

Erosion control inspections will begin this month and extend through October 2005.

b. Brunswick Village

A grading, drainage, and erosion control plan was reviewed for the proposed development. A letter of recommendation was sent to the city of Crystal.

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c. Abra Auto Body

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

d. Golden Valley 2005 Pavement Management Program

A revised street improvement plan was received. A letter of approval was sent to the city of Golden Valley.