Resolution 2012-107

Resolution Authorizing a Maintenance Agreement with the City of Golden Valley for Construction and Maintenance of the Wirth Lake Outlet Control Structure in Theodore Wirth Regional Park

Whereas, The Minneapolis Park and Recreation Board (MPRB) is authorized to contract with public and private entities in performance of its functions;

Whereas, The City of Golden Valley has executed a Memorandum of Agreement with the Bassett Creek Watershed Management Commission (BCWMC) stipulating that the BCWMC will fund modifications to the outlet control structure at the Wirth Lake Outlet and that the City of Golden Valley will construct these improvements on its behalf:

Whereas, The BCWMC has acquired funding to construct the outlet control structure without any financial contribution from the MPRB;

Whereas, City of Golden Valley staff and contractors authorized to complete the project will require access to construct and maintain the Wirth Lake outlet control structure and to access the area through MPRB-owned parkland;

Whereas, The City of Golden Valley has prepared plans and reviewed the proposed project and park impacts with MPRB staff, and continues to coordinate efforts with staff to meet the requirements of the MPRB, including restoration of construction impacts;

RESOLVED, That the Board of Commissioners authorize a maintenance agreement with the City of Golden Valley for construction and maintenance of the Wirth Lake outlet control structure in Theodore Wirth Regional Park;

RESOLVED, That the President of the Board and Secretary to the Board are authorized to take all necessary administrative actions to implement this resolution.

Adopted by the Minneapolis Park and Recreation Board
In formal meeting assembled on January 4, 2012

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John Erwin, President

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Karen Robinson, Secretary

Approved:

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R.T. Rybak, Mayor

TO: Minneapolis Park and Recreation Board

FROM: Bruce Chamberlain, Assistant Superintendent for Planning

DATE: January 4, 2012

SUBJECT: Resolution Authorizing a Maintenance Agreement with the City of Golden Valley for Construction and Maintenance of the Wirth Lake Outlet Control Structure in Theodore Wirth Regional Park

Background

The Bassett Creek Watershed Management Commission (BCWMC) completed a feasibility study for a Wirth Lake Outlet Control Structure in the summer of 2010. The study outlines the feasibility of constructing an outlet control structure between Bassett Creek and Wirth Lake to prevent the creek from back-flowing into the lake during flood events. Though the lake's water quality has been improving, the lake is considered an impaired water by the Minnesota Pollution Control Agency. The proposed outlet control structure is projected to reduce pollutants to the point of removing the lake from the impaired waters list. Selected pages of the feasibility study are attached, the full report is available online at the BCWMC website: http://www.bassettcreekwmo.org/ .

The feasibility study included inspection of the existing box culvert, which was determined to be sound. The proposed outlet control structure will be installed inside the existing box culvert. It will consist of a rubber check dam that operates via water pressure. It will not require power or significant maintenance once installed. An access manhole will be added on the top of the culvert for maintenance access. The wooden timbers which create the current weir controlling the water level in the lake will be replaced with a cast concrete weir. The face of the weir will be constructed with a stone patterned form liner to blend into the existing limestone wing walls, which will be repaired where possible. Improvements to the weir will not change the lake level, which is regulated by the DNR. They will enhance the appearance of the outlet, which is now very visible from the newly opened trail loop around Wirth Lake.

City of Golden Valley engineering staff will manage and provide construction administration for the project on behalf of the BCWMC. The MPRB Project Manager or Construction Manager will assist and participate in construction meetings and punch list inspections to ensure that the work is completed as planned and restoration of park areas is completed to MPRB standards.

The work is proposed to take place over winter of 2012 when water flows can be controlled. All disturbed areas will be restored with seed and mulch following Best Management Practices. Work is expected to be completed by the spring of 2012.

MPRB Planning and Environmental Operations staffs have been working with the City of Golden Valley and the BCWMC for over a year to develop the project. The project is expected to significantly improve the water quality of Wirth Lake, which will enhance its recreational function.

FUNDING/COST SUMMARY

The BCWMC has secured a grant from the Board of Water and Soil Resources Clean Water Legacy Fund for $75,000. The BCWMC also approved using some of its reserves and operating levy to construct this improvement. The approved Capital Improvement Plan Budget for the BCWMC has allocated $250,000 for completion of this project.

The project will not utilize any MPRB funds. Maintenance requirements for MPRB staff will remain the same as they are today, and are limited to clearing debris from the lake side of the weir. The agreement only asks for access to construct and maintain the improvement.

LEGAL REVIEW

The City of Golden Valley has prepared a draft maintenance agreement. This agreement has been reviewed and approved by MPRB legal counsel and approved by the Golden Valley City Council and BCWMC.

RELATED BOARD ACTIONS

No previous Board actions.

RECOMMENDATION

Staff recommends authorizing a maintenance agreement with the City of Golden Valley for construction and maintenance of the Wirth Lake outlet control structure in Theodore Wirth Regional Park.

ATTACHMENTS:

- MPRB_Maint_Agr (PDF)
- Wirth Lake Outlet Modification feasibility study 7-2011 FINAL selected pgs (PDF)

Prepared By: Andrea Weber, Project Manager, Design and Project Management

Review:

Cliff Swenson	Completed
Bruce Chamberlain	Completed
Jayne Miller	Completed
Minneapolis Park and Recreation Board	Pending