



Request for City Council Committee Action From the Department of Public Works

Date: January 17, 2012

To: Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee

Subject: **36th Street and West River Road Stormwater Outfall**

Recommendation:

Receive and file.

Previous Directives:

November 4, 2011 – review the condition of the outfall at West River Road and 36th Street and the flow from the outfall to the river. Determine if energy dissipation measures should be implemented and return to the T&PW Committee by the second meeting in January, 2012 with findings on the condition and a plan of action

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Approved by:

Steven A. Kotke, P. E., City Engineer, Director of Public Works

Presenters: Lisa Cerney, Director of Surface Water & Sewers

Reviews Not Applicable

Financial Impact

No financial impact

Community Impact

Neighborhood Notification: Not applicable
Comprehensive Plan: Not applicable
Zoning Code: Not applicable

Background/Supporting Information:

The City of Minneapolis has 400 plus outfall structures throughout the City of Minneapolis. The City's Municipal Separated Storm Sewer System (MS4) Permit requires inspection of 20% of outfalls on an annual basis. Staff is in the process of formalizing a format for these inspections and has a goal to complete them over the course of the next three years. As a result of completing the inspections a prioritized list of repairs and projects will be completed. The list

will be based on a variety of conditions including but not limited to structural condition, ability for the pipe to drain and the impact of erosion on receiving water bodies.

In response to the November 4, 2011 staff direction Public Works staff reviewed the condition of the outfall located at 36th Street and West River Road. The outfall is generally in good structural condition. There was a sink hole on top of the outfall believed to be the result of missing mortar in the brick wall which has since been repaired. Some erosion has occurred below the outfall structure and retaining wall. Public Works recommends the installation of rip rap or boulders to dissipate the energy of the stormwater discharge and reduce erosion. Staff will work with the Minneapolis Park and Recreation Board on the installation details. There may be additional recommendations upon the completion of the condition assessment and prioritization work.