



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

Date: October 8, 2013

To: Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee
Referral to: Honorable Betsy Hodges, Chair Ways and Means/Budget Committee

Subject: **Agreement with Hennepin County to Replace Existing Street Lighting Under the Hennepin County Government Center.**

Recommendation:

Authorize proper city officials to enter into a cost sharing agreement with Hennepin County to replace the existing streetlight fixtures over 6th Street South with new LED fixtures. The cost to the City will be \$17,625 of the total project cost of \$35,250. No additional appropriation is needed.

Previous Directives: None

Department Information:

Prepared by: William Prince, P.E., Streetlight Engineer 612-673-3901

Approved by: _____

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

Presenters in Committee: William Prince

Financial Impact

- Action is within the Business Plan

Community Impact

- City Goals-Safe Place to Call Home, Sustainability

Supporting Information

Hennepin County has proposed replacing the 32 existing high pressure sodium street light fixtures mounted in the Government Center soffit over 6th St South with 16 LED fixtures to match the fixtures over the adjacent sidewalks.

These LED fixtures will offer significantly reduced energy consumption and maintenance costs than the old high-pressure sodium fixtures. The new LED lights will reduce the power consumption by 4000 watts which amounts to \$1,750 in annual electricity savings. In

addition, the frequency of bulb changes will be greatly reduced, from once every 3-4 years to approximately every 15-20 years.

The operations and maintenance of these street lights has been a shared responsibility. The City of Minneapolis maintains the existing overhead fixtures over 6th Street as part of its street lighting system. Hennepin County has been paying for the electricity because they are mounted within their building.

The County has requested an upgrade to these street lights and proposed to pay one half of the project cost. The County proposes to be the responsible party to implement this fixture replacement project. The County has an estimated overall cost quote of \$35,250 to perform the work. The City's cost share amounts to \$17,625. That amount is available in 2013 Public Works Traffic Capital Program for streetlight renovation. No additional appropriation is needed.

It is recommended that City Council authorize proper city officials to enter into an agreement with Hennepin County for the cost sharing arrangement as described.