



**City of Rochester Hills
AGENDA SUMMARY
FINANCIAL ITEMS**

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Legislative File No: 2008-0643 V2

TO: Mayor and City Council Members

FROM: Paul Davis, P.E. City Engineer and Ed Anzek, Dir. of Planning and Development

DATE: July 8, 2009

SUBJECT: Recommendation of Street Lighting Type and Style for the Hamlin/Livernois Roundabout
City File #E92-023

REQUEST:

That City Council accepts the street lighting recommendation of the Planning Commission for the roundabout at Hamlin/Livernois and approves the DTE Energy proposal to install street lighting in the proposed roundabout for an estimated amount of \$118,000.00 (increasing the previously approved proposal in the amount of \$46,919.84 by \$71,080.16 for a new amount of \$118,000.00) and authorizes the Mayor to execute the proposal on behalf of the City. In addition, the City Council authorizes payment of any additional costs associated with installing the street light facilities that exceeds the estimated amount, if funds are budgeted.

REASON FOR PURCHASE:

On December 15, 2008, City Council approved a DTE Energy proposal to install street light facilities in the proposed roundabout for an estimated amount of \$46,919.84. The revised plan increases the amount to \$118,000.00.

During the CIP discussion and approval process earlier this year, it was suggested that the Planning Commission participate in the analysis and development with staff to prepare a Street Lighting Policy for Council's consideration. The issue surfaced during discussions of specific street improvement projects proposed for inclusion in the CIP. Only recently the question as to what type of lighting style and type should be selected and approved for the Hamlin Livernois Roundabout was brought forward. The Roundabout question needs to be answered as soon as possible for the project to stay on schedule.

As a point of information it was suggested by staff and supported by the Planning Commission that the question of street lights is an appropriate question to be taken up by the Planning Commission. On site plan matters the exterior lighting is often a question dealt with. As such, the PC members are familiar with styles, heights, lumens, and other components associated with lighting. Although cost was considered, the Planning Commission primarily approached the question from an aesthetic point of view (reduce glare into adjacent properties, pole clutter, and so on).

At the June 16, 2009 Planning Commission meeting, staff members of the Engineering division presented suggested styles to the Planning Commission. In order to better review the information and options a technical meeting was scheduled for June 25. All Planning Commissioners were offered the opportunity to attend. The meeting was noticed in accordance with Open Meetings Act requirements. During the meeting representatives from DTE and Holophane (manufacturer) presented various options regarding street lights. Options considered

were safety, height, style, lumens, color, spacing, and so on. The DTE and Holophane reps were asked to prepare three options addressing the issues raised by the Planning Commission and staff. Those options are detailed on the following pages.

The Planning Commission scheduled a Special Meeting for July 7, 2009 to discuss and, if possible, provide a recommendation to the City Council for Council’s July 13, 2009 meeting.

After a lengthy discussion, the option chosen (#2A) was recommended to City Council at the July 7, 2009 Planning Commission meeting, and it is included in the packet. It includes a black, fluted pole and a more traditional luminaire. Factors considered in the decision were safety (vehicle and pedestrian, photometrics, number and spacing of poles, height, aesthetics, and the ability for banners, street signs and other traffic signs to be mounted on the pole reducing the number of other traffic control signs in the intersection). In fairness to the Planning Commission, there were differences of opinion that, as discussion ensued, were resolved and unanimous consensus was reached. Option #2A includes 24 street light luminaires attached to 18 street light poles. Please refer to the attached for a review of the 4 options considered by the Planning Commission.

It is also important to note that the charge asked of the Planning Commission was to make a recommendation for this intersection only. This recommendation was made with the full acknowledgment that as a citywide street lighting policy is developed, there may or may not be different styles for different applications throughout the city. The Planning Commission will take on the challenge to oversee the development of a citywide street lighting policy and bring it to the Council for consideration and adoption when completed. Time frame is uncertain; however, both Planning and Engineering staff will begin the research and analysis immediately.

Federal funding will be applied to eligible items of this work at an 80% participation ratio with the City having a local match of 20%. The total estimated cost of installing the street lights includes DTE Energy’s material and labor expense. A three-year revenue credit, i.e. not paying three (3) years of street light maintenance at [\$363.00 per street light x 24 lights x 3 years] = (\$26,136), is decreased from the total street light installation project costs.

PROCESS:

Vendor Name and Address:

DTE Energy – Northeast Planning
 Attn: Tim Miller, Lighting Analyst, Room 120
 15600 19 Mile Road
 Clinton Township, MI 48038

Reason for Selection:

Sole Source

BUDGET:

The project was approved in the 2009 CIP and budget in Major Roads as MR-02A. This will be included in the Force Account Work funding, which will be paid up front 100% by the City and reimbursed 80% from MDOT.

Fund Name	Department Account No	Account No. Description	Budget Amount	Cost	Remaining Budget
Major Roads	452.970000	MR-02A Current Budget	\$3,186,120		
		Construction (MDOT)		(\$1,764,000)	\$1,422,120

	Const. Engineering (OHM)		(\$1,008,292)	\$413,828
	Street Lighting		(\$118,000)	\$295,828

RECOMMENDATION:

The Planning Commission unanimously recommends that City Council accept and approve the street lighting style for the Hamlin Livernois Roundabout known as Option #2A. Details of this option, along with the other considered options, are included in the packet. It includes a fluted pole that provides for future opportunities to mount street/traffic control signs and promotional banners; a non-decorative base; and a “Mongoose” luminaire that is mounted on a curved arm.

That the City Council approves the DTE Energy proposal associated with the installation of the street lights at the proposed Hamlin/Livernois roundabout for an estimated amount of \$118,000.00 (increasing the previously approved proposal in the amount of \$46,919.84 by \$71,080.16 for a new amount of \$118,000.00) and authorizes the Mayor to execute a proposal on behalf of the City. In addition, the City Council authorizes payment of any additional costs associated with installing the street light facilities that that exceeds the estimated amount, if funds are budgeted.

APPROVALS:	SIGNATURE	DATE
Department Review		
Department Director		
Budget Content: Finance Director		
Purchasing Process: Supervisor of Procurement		
Mayor		
City Council Liaison		