



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

**1000 Rochester Hills Dr.  
Rochester Hills, MI 48309  
248.656.4630  
[www.rochesterhills.org](http://www.rochesterhills.org)**

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**Legislative File No: 2009-0158 Version 2**

**TO:** Mayor and City Council Members

**FROM:** Roger H. Rousse, Director of the Department of Public Services; Ext. 2497

**DATE:** July 13, 2009

**SUBJECT:** Hamlin Road Splitter Island Redesign

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**REQUEST:**

City Council is requested to approve the proposed Individual Project Services Agreement between the City of Rochester Hills and Orchard, Hiltz & McCliment, Inc. for the Hamlin Road widening project between Crooks and Livernois in the amount of \$8,511.00, increasing the engineering services approved by City Council from \$999,781.17 to \$1,008,292.17 and authorize the Mayor and City Clerk to execute the agreement on behalf of the City.

**REASON FOR PURCHASE:**

The City of Rochester Hills Purchasing Ordinance currently requires that City Council approve professional service design contracts exceeding \$50,000.00. Furthermore, the 10% contingency available by ordinance for construction is only available for contractor payments and cannot be used for engineering design consultant services after commencement of the project construction phase. Sometimes the design consultant services are needed during the construction phase for work that was not originally included in the design phase or the construction engineering scope of services.

For the Hamlin Road project, the original design of the dual-lane roundabout was completed with a standard splitter island configuration similar to the configurations that exist at the Tienken Road roundabouts. However, splitter islands have recently been suggested to be constructed differently to accommodate a future offset pedestrian crossing of vehicle traffic lanes.

The Road Commission for Oakland County recently agreed to design multi-lane roundabouts capable of accommodating a HAWK (High Intensity Activated Crosswalk) system island or Rectangular Rapid Flashing Beacon (RRFB) refuge island configuration for pedestrians. A lawsuit lead by a local attorney that representing other persons with disabilities has brought greater attention to the difficulties that crossing roundabouts can present to pedestrians, in particular the visually impaired. Future placement of pedestrian initiated crossing signals may eventually be recommended or required with multi-lane roundabout constructions. Currently the State and Federal regulations governing multi-lane roundabout design do not require that the construction of longer offset crossing islands typical with a pedestrian signalized roundabout.

Staff is requesting council approval to use the original design engineer, Orchard, Hiltz & McCliment (OHM) to redesign the splitter three of the four splitter islands to accommodate a future offset HAWK signal. Approval of this design now can permit the refuge islands to be built with the current Hamlin Road construction project. If this design revision is not approved now, the City will likely spend more money in the future to reconstruct the roundabout splitter islands in the future if it is mandated that the offset splitter island crossing is required. A copy of the proposed scope of services for the redesign of the pedestrian refuge islands is attached.

**PROCESS:**

**Vendor Name and Address:**

Orchard Hiltz & McCliment, Inc.  
34000 Plymouth Road  
Livonia, MI 48150

**Reason for Selection:**

Quality Based Selection Process and continued utilization of the same Hamlin Road design engineer.

**Method of Purchase:**

Blanket Purchase Order Increase

**BUDGET:**

Although it is not expected that this redesign cost will be reimbursable by the Michigan Department of Transportation (MDOT) because the redesigned refuge island configuration is not required at the federal or state level, staff will inquire if the cost can be reimbursed at 80% by the federal funds. A 2009 third quarter budget amendment will be performed to increase the Hamlin Road construction line item from the major road fund balance:

<b>Fund Name</b>	<b>Department Account No</b>	<b>Account No. Description</b>	<b>Budget Amount</b>	<b>Cost</b>	<b>Remaining Budget</b>
Major Road	452.970.000	Construction and Improvements – MR02A Hamlin Road	\$3,186,120	\$8,511	
		*Previously Committed		\$2,763,781	\$403,828

\*Previously committed includes the existing contract with MDOT for construction services (\$1,764,000) and the existing contract with Orchard, Hiltz & McCliment, Inc. for construction engineering services (\$999,781).

**RECOMMENDATION:**

It is recommended that City Council approve the proposed Individual Project Services Agreement between the City of Rochester Hills and Orchard, Hiltz & McCliment, Inc. for the Hamlin Road widening project between Crooks and Livernois in the amount of \$8,511.00, increasing the engineering services approved by City Council from \$999,781.17 to \$1,008,292.17, and authorize the Mayor and City Clerk to execute the agreement on behalf of the City.

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

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