



City of Rochester Hills  
AGENDA SUMMARY  
FINANCIAL ITEMS

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

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Legislative File No: 2014-0139

**TO:** Mayor and City Council Members

**FROM:** Allan E. Schneck, P. E., Director of Public Services

**DATE:** April 7, 2014

**SUBJECT:** Tienken Road, Livernois Road to Rochester Road, Cost Participation Agreement for Construction, Board Project No. 51741  
City File No. E06-001, WO#2117

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**REQUEST:**

The Department of Public Service requests City Council approval of the Cost Participation Agreement between the City of Rochester Hills and the Board of Road Commissioners for the County of Oakland (BOARD) for the reconstruction work for Tienken Road from Livernois Road to Rochester Road in the amount of \$1,723,273.00; and authorize the Mayor to execute the agreement on behalf of the City.

Final construction costs will be determined from the records of the BOARD upon completion of State financial audits.

**REASON FOR PURCHASE:**

As part of the City's 2008 Master Thoroughfare Plan Update, the Tienken Road corridor from Livernois Road to Sheldon Road was identified as a three (3) lane road section. During the Environmental Assessment (EA) phase, a three (3) lane road section was recommended between Livernois Road and Sheldon Road that includes a dual-lane roundabout to replace the existing signalized intersection at Livernois Road and Tienken Road. The first phase of the reconstruction work and lighting improvements from Rochester Road to Sheldon Road was completed in FY 2013. This phase will complete the remainder of the reconstruction and lighting improvements between Livernois Road and Rochester Road.

The project's Local Share of Construction in the amount of \$2,971,899.00, which shall be paid through equal contributions by the Board of Road Commissioners for the County of Oakland (BOARD) and Rochester Hills. Any local match costs for the road reconstruction, above the Rochester Hills funding of \$1,485,949.00 and the BOARD contribution of \$1,485,950.00 will be shared equally between the BOARD and Rochester Hills. Rochester Hills is also responsible for Non-Participating costs of water main, sanitary sewer, sidewalks and decorative railing in the amount of \$228,184.00 and participating costs for water main in the amount of \$9,140.00.

Incorporated into the project cost is proposed lighting that includes 25 luminaire North Yorkshire posts, which matches the lighting that was installed at the Tienken Road & Sheldon Road Roundabout. The proposed lighting photometric complies with the American Association of State Highway Transportation Officials (AASHTO) and the Illuminating Engineering Society of North America (IESNA) guidelines for lighting at roundabouts.

The CITY's cost share for the lighting is included in the BOARD's Cost Participation Agreement attached for your approval. The annual operations and maintenance costs for the lighting will be incorporated into the CITY's monthly street light invoicing, per the annual Street Lighting Agreement, attached.

In addition, the City of Rochester will contribute \$386,360.00 for their water main replacement as part of the road project.

Following City Council approval and execution of the agreement, the BOARD will submit an invoice to the City in the amount of \$980,298.50, being 100% of the estimated total cost of participating and Non-Participating costs; and 50% of the estimated total cost of Local Share of Construction

**PROCESS:**

**Vendor Name and Address:**

Road Commission for Oakland County  
31001 Lahser Road  
Beverly Hills, MI 48025

**Method of Purchase:**

Cost Participation Agreement

**BUDGET:**

This project has been identified in the CIP and is included in the FY 2014 Adopted Budget. If approved by City Council, a second quarter budget amendment will be forthcoming to increase the Major Road Construction (452.970000), Pathway Construction (403.974000) and Water & Sewer Mains & Services (593.972000) portions of the project. The Major Road ROW budget will be reduced as this phase is anticipated to come in under the initial project budget.

Fund Name	Department Account No	Account No. Description	Budget Amount	Cost	Remaining Budget
Major Roads	452.970000	Construction (MR-40A)	\$252,690	\$1,485,949	(\$1,233,259)
Major Roads	452.973000	ROW (MR-40A)	\$222,000	\$0	\$222,000
Pathway Construction	403.974000	Land Improvement (PW-08B)	\$42,000	\$107,247	(\$65,247)
W&S Capital	593.972000	Mains & Services	\$0	\$130,077	(\$130,077)
<b>PROJECT TOTAL</b>			<b>\$516,690</b>	<b>\$1,723,273</b>	<b>(\$1,206,583)</b>

**RECOMMENDATION:**

The Department of Public Service requests City Council approval of the Cost Participation Agreement between the City of Rochester Hills and the Board of Road Commissioners for the County of Oakland (BOARD) for the reconstruction work for Tienken Road from Livernois Road to Rochester Road in the amount of \$1,723,273.00; and authorize the Mayor to execute the agreement on behalf of the City.

In addition, City Council authorizes the Mayor to execute the Purchase Agreement between the Detroit Edison Company and the City of Rochester Hills for the purchase and annual maintenance costs for the lighting at the Tienken Road and Livernois Road Roundabout.

**RESOLUTION**

**NEXT AGENDA ITEM**

**RETURN TO AGENDA**

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