

\$10,000,000.00 is eligible for federal funding reimbursement; and

Whereas, the City of Rochester Hills has the option to utilize the \$8,400,000.00 available federal funds in fiscal year 2008, and advance fund the estimated remaining \$1,600,000.00; and

Whereas, the City of Rochester Hills reserves the right to be reimbursed any eligible advance construction monies spent from a future federal fund appropriation through the Surface Transportation Program - Urban Category funding; and

Whereas, it is known that federal road funding dollars made available to Oakland County are limited and competition is high amongst communities desiring to reconstruct and improve roadways; and

Whereas, the City of Rochester Hills does not desire to jeopardize losing or further delaying the option to use the \$8,400,000.00 awarded for reconstruction of Hamlin Road between Crooks and Livernois for fiscal year 2008.

Resolved that the Rochester Hills City Council hereby agrees to immediately reserve (in fund balance) and support advance funding the additional amount of fiscal year 2008 construction phase expenses currently estimated to be \$1,600,000.00 for the Hamlin Road reconstruction project between Crooks and Livernois beyond the \$8,400,000.00 available federal funds.

The motion carried by the following vote:

**Aye:** Hill, Barnett, Dalton, Duistermars, Holder, Raschke and Robbins

**Enactment No:** RES0108-2005

**2005-0204**

Request for Purchase Authorization - DPS: Amendment to Professional Service Contract for Tienken and Kings Cove Bridge Replacement/Traffic Signal Project in the amount of \$143,490.00 for a new not-to-exceed total of \$302,840.00; Hubbell, Roth & Clark, Inc. (HRC), Pontiac, MI

**Attachments:** Agenda Summary.pdf; Ltr08.pdf; Budget\_design.pdf; 0204 Resolution.pdf

**Mr. Paul Davis**, City Engineer, explained that the increase in the scope of the design plans for this project was necessitated by the acceptance of appropriated federal funds.

**President Hill** asked if further work on the project could be postponed until the City was certain it will receive the promised federal funds.

**Mr. Davis** indicated that a delay of two months would likely be acceptable, but noted that "I'd like to keep it moving."

**President Hill** asked what would be the alternative were the City not to receive these funds.

**Mr. Davis** explained that Tri-Party Funds could be used in place of the federal funds.

**President Hill** requested that any future requirements or changes dictated by the acceptance of federal funds be reported to City Council.

A motion was made by Raschke, seconded by Robbins, that this matter be Adopted by Resolution.

Whereas, the Department of Public Service used a quality based selection (QBS) process to determine which Engineering Firm was best suited to provide the

**Professional Services for the Tienken Road and Kings Cove Intersection-Traffic Signal and Bridge Study; and**

**Whereas, the selection process included quality control for the project, project supervision, sensitivity, knowledge of local conditions and a clearly defined scope of work; and**

**Whereas, the City desires to accept federal funding of \$750,000.00 that was subsequently appropriated towards the Tienken bridge reconstruction after the initial design services contract was awarded; and**

**Whereas, the City is obligated to prepare the design plans and follow the typical review and design plan letting process in accordance with a Michigan Department of Transportation format by accepting the federal funds; and**

**Whereas, the City must amend the consultant scope of design services to include the revision of the design plans per MDOT format, compensate for previous charges incurred for utility coordination and work with adjacent agencies and homeowner associations, design for the relocation of the existing pedestrian bridge, and to complete the various work items necessary to obtain the required easements and right-of-way.**

**Resolved that the Rochester Hills City Council amend and increase the current contract by \$143,490.00 for Professional Services between Hubbell, Roth & Clark, Inc., and the City of Rochester Hills for the Tienken Road and Kings Cove Intersection-Traffic Signal and Bridge Project for a new amount not-to-exceed total of \$302,840.00 and authorize the Mayor and City Clerk to execute a contract on behalf of the City.**

**The motion carried by the following vote:**

**Aye:** Barnett, Dalton, Duistermars, Holder, Raschke and Robbins

**Nay:** Hill

**Enactment No:** RES0109-2005

**2005-0259**

Request for Tax Abatement by Lutheran Social Services for renovations to Danish Village, 2566 Walton Boulevard (Dan Casey, Manager Economic Development, Planning and Development Department)

**Attachments:** Agenda Summary.pdf; Map aerial.pdf; Letter Great Lakes Capital 20050329.pdf; Tax Exempt Ord.pdf; 0259 Resolution.pdf

***Mr. Dan Casey, Economic Development Manager, introduced the following individuals appearing on behalf of Danish Village:***

*Dr. Louis Prues, Vice President of Planning for Lutheran Social Services*

*Mr. William Lutz, Housing for Lutheran Social Services*

*Mr. Eric DeGroat, Attorney with Clark Hill PLC*

*Mr. Edward Bobinchak of Great Lakes Capital Fund*

***Mr. Casey explained that Danish Village, a 150-unit senior affordable housing facility, was built fifteen years ago using Housing and Urban Development (HUD) funds. From its inception, the property taxes for Danish Village have been reimbursed to the City by the State of Michigan. However, at this time, Lutheran Social Services (LSS), owners of Danish Village, are seeking to terminate their tax exempt status in an effort to gain financing for renovations of the aging Danish Village apartments. LSS is requesting a Payment in Lieu of Taxes (PILOT) of 4% for a period of 45 years be paid to the City in place of the current property taxes.***



**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)**

---

**Legislative File No:** 2005-0204

**TO:** Mayor and City Council Members

**FROM:** Roger H. Rousse, Department of Public Services; 248.841.2497

**DATE:** April 6, 2005

**SUBJECT:** Tienken & Kings Cove Intersection – City File No. E02-024

---

**REQUEST:**

City Council is requested to approve an amendment to a Professional Service Agreement between Hubbell, Roth & Clark, Inc. (HRC) and the City of Rochester Hills to provide additional design engineering for the Tienken and Kings Cove intersection improvements in the amount of \$143,490.00 for a total amended amount not to exceed \$302,840.00.

**REASON FOR PURCHASE:**

At the September 17, 2003 council meeting, City Council approved entering into a contract with Hubbell, Roth & Clark, Inc. (HRC) for engineering design services for the Tienken Road bridge replacement and traffic signal installation by Kings Cove Drive in the amount of \$159,350.00. Since that time, meetings were held which included the Kings Cove Homeowner Association, the Paint Creek Trailway Committee, the Road Commission for Oakland County and various utility companies. The meetings identified work items outside the original project scope of services such as relocation of major utilities, alternatives for coordination with the Paint Creek Trailway Commission and permitting. HRC is requesting additional compensation be approved to cover these added items in the amount of \$20,340.00.

In addition, it will be necessary for HRC to review a suitable location for salvaging the existing pedestrian bridge on the south side of Tienken and to secure right-of-way and easements necessary for constructing the project improvements. These costs are estimated by HRC to be \$7,460.00 and \$35,740.00, respectively, which includes \$14,000.00 as a reimbursable cost for four parcel appraisals.

Subsequent to the initial design contract award, \$750,000.00 in federal transportation monies was appropriated for the Tienken bridge reconstruction project. Acceptance of federal funds are conditioned upon the project plans meeting the Michigan Department of Transportation (MDOT) format and following the typical design stages of an MDOT project. Modifying the design plans to an acceptable MDOT format is estimated to be \$79,950.00

As indicated on the attached spreadsheet from HRC, the amendment request is as follows:

• Utility relocation, coordination, permitting, etc.	\$ 20,340.00
• Salving the existing pedestrian bridge	\$ 7,460.00
• Right of way acquisition	\$ 35,740.00
• Federal funding requirements	<u>\$ 79,950.00</u>
<b>Total</b>	<b>\$143,490.00</b>

The total project cost was estimated at \$3.0 million when the initial HRC design proposal was brought to Council on September 17, 2003. Total project costs are expected to not only increase from the proposed engineering design work but additional cost increases are also now expected due to relocation of Detroit Edison facilities and the likelihood of MDOT requiring an environmental assessment for the work. The total project cost is now estimated to be \$3.5 million.

Design (\$159,350 + \$143,490.00)	\$ 302,840.00
Construction Engineering - Bridge	\$ 420,000.00
Construction Engineering - Signal	\$ 30,000.00
Land Purchase	\$ 100,000.00
Utility Relocation (preliminary – to be determined by DTE)	\$ 100,000.00
Environmental Assessment* (if required by MDOT)	\$ 50,000.00
Contractors Payments - Bridge	\$ 2,505,000.00
Contractors Payments - Signal	<u>\$ 166,000.00</u>

**Total Project Costs** **\$ 3,673,840.00**

\*Environmental Assessment assumes using the City environmental consultant. This cost could be \$0 if the RCOC performs the effort but RCOC may take much longer to complete the work.

### **PROCESS:**

#### **Vendor Name and Address:**

Hubbell, Roth & Clark, Inc.  
2001 Centerpoint Parkway, Suite 109  
Pontiac, MI 48341

#### **Reason for Selection:**

Hubbell, Roth & Clark is one of four firms selected to provide engineering design services using a Quality Based Selection process.

#### **Method of Purchase:**

Quality Based Selection

### **BUDGET:**

The design cost associated with the Tienken Road & Kings Cove Intersection-Traffic Signal & Bridge Study is identified in the City's Capital Improvement Plan. The original project design was budgeted in the 2003 budget. The project has continued to grow in scope with an increase in cost. Several funding sources are currently proposed to fund this project which include Tri-Party, federally appropriated Michigan Transportation Funds, RCOC construction engineering, and City major road funds.

The design and right-of-way acquisition will be completed in 2005. Construction of the Tienken bridge replacement and traffic signal was originally planned and budgeted in 2005. The 2005 budget of \$1,460,000 is for construction (MR-06A and MR-06B), not design. However, due to following MDOT's guidelines and the DTE utility relocation coordination, construction will be delayed to 2006. A 2005 budget amendment will be proposed to eliminate most of the construction costs, but keep a budget to cover this design.

<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 Roads	452.970000	MR-06A and MR-06B	\$1,460,000	\$107,750	\$1,352,250
Major Roads	452.973000	Land - ROW	\$33,370	\$35,740	(\$2370)

**RECOMMENDATION:**

City Council is requested to approve an amendment to a Professional Service Agreement between Hubbell, Roth & Clark, Inc. (HRC) and the City of Rochester Hills to provide additional design engineering for the Tienken and Kings Cove intersection improvements in the amount of \$143,490.00 for a total amended amount not to exceed \$302,840.00.

**ATTACHMENTS:**

HRC letter by Daniel W. Mitchell, P. E., dated January 17, 2005 (Ltr08.doc)  
 Additional items hours and fees spreadsheet - Table 1 (Budget\_design.xls)

**RESOLUTION**

**NEXT AGENDA ITEM**

**RETURN TO AGENDA**

<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>		

**PRINCIPALS**

Gerald F. Knapp  
Thomas E. Biehl  
Walter H. Alix  
George E. Hubbell  
Peter T. Roth  
Michael D. Waring  
Keith D. McCormack  
Curt A. Christeson

**CHIEF FINANCIAL OFFICER**

J. Bruce McFarland

**SENIOR ASSOCIATES**

Frederick C. Navarre  
Gary J. Tressel  
Lawrence R. Ancypa  
Kenneth A. Melchior  
Dennis M. Monsere  
Randal L. Ford  
David P. Wilcox  
Timothy H. Sullivan

**ASSOCIATES**

Thomas G. Maxwell  
Nancy M.D. Faught  
Jonathan E. Booth  
Michael C. MacDonald  
Marvin A. Olane  
James C. Hanson  
Richard F. Beaubien  
Margaret Synk Kuhn  
William R. Davis  
James J. Aiello  
Daniel W. Mitchell  
Jesse B. VanDeCreek  
Robert F. DeFrain  
Marshall J. Grazioli

January 17, 2005

City of Rochester Hills  
1000 Rochester Hills Drive  
Rochester Hills, MI 48309-3033

Attention: Mr. Paul Davis, P.E. – City Engineer

Re: Tienken Road Bridge

HRC Job No. 20020367

Dear Mr. Davis:

As discussed, HRC has completed a number of tasks beyond the scope of the original project at the request of the City. In summary, these tasks included the following:

- HRC met with and negotiated the relocation of several major utilities in the area including the SBC fiber optic line, the DTE overhead electrical lines and the City of Rochester water main.
- HRC developed various conceptual plans/elevations for the Kings Cove/Tienken Road intersection in an effort to negotiate the design with the Paint Creek Trailway Commission and Kings Cove Homeowners Association representatives. Several variations involving intersection layout, walkway materials, landscaping, signage and other appurtenances were evaluated. These alternatives were presented during the course of several meetings.
- HRC completed several miscellaneous items such as assisting the City's soil boring consultant with obtaining an RCOC Permit, completing a grant funding application for potential State Funding and alterations to the design plans to incorporate a wider bridge deck than what was originally determined.

It is estimated that over 200 hours of additional time was necessary to complete these tasks at a cost of approximately \$20,340. Currently, HRC is within approximately \$13,000 of the existing \$159,350.00 contract limit and continues to work from this budget to keep the project going. However, it is anticipated that the additional services described above will result in HRC exceeding the budget prior to project completion.

In addition, it should be noted that if the City opts to utilize State funds to construct this project, that significant changes to the plans and project schedule will be necessary. This is due to the required review and approval process by the Michigan Department of Transportation (MDOT) to obtain these funds

(commonly called the Local Agency Program or LAP). LAP requirements identify specific guidelines that would impact the design plans and schedule as follows:

**Plans** – It is estimated that HRC must add approximately twelve (12) new drawings in order to meet the format necessary for an MDOT plan review and submittal. These changes are primarily a result of additional details and a separation of the project into a series of predetermined bid items that match the format of MDOT's MERL (Michigan Engineer's Resource Library) computer program that is utilized to administer construction of all MDOT projects. The MDOT review and approval process includes a series of submittals that are known as a Type, Size and Location (T, S & L) submittal (15% complete) and a Grade Inspection (G.I.) submittal (90% complete).

**Schedule** – A copy of the FY 2005 Project Planning Guide is attached. As shown, the next available TS&L deadline is February 4, 2005 and results in a September 6, 2005 Ad Board Meeting (contract award date). It is noted that each phase of the MDOT schedule must be completed by the specified date or the project is automatically delayed until the next schedule (i.e. if ROW is not complete by the 05/27/05 date, then the project is moved to the next schedule which requires ROW by 07/01/05 and corresponds to a 10/04/05 Ad Board meeting).

More detailed information regarding this program can be found on the MDOT website. However, since it is our understanding that the City would like to complete this project during the summer months in order to minimize the impact resulting from school traffic, it appears that State funding would delay project construction until the summer of 2006.

HRC has determined the project needs and requirements for additional Right-of-Way (ROW) and easement acquisition. These services will need to be completed in the near future. HRC has in-house staff that are available to complete this work and we would be pleased to offer these services to the City if requested. Mr. James Isaacs heads this department for HRC and would lead this effort. A copy of his resume is attached for your reference. It is anticipated that ROW from four (4) parcels will be required. HRC would work to obtain these easements and provide the necessary survey documentation. It is noted that should State Funding be utilized, an outside appraisal would also be required.

Another item HRC has been asked to evaluate is the potential relocation of the existing pedestrian bridge. Initially, at the request of the City, HRC evaluated relocating the bridge to the north side of the proposed bridge as part of the project. HRC determined that this was not feasible. It is now our understanding that the City may request a study to evaluate two (2) remote locations.

In an effort to provide the City costs associated with the completed and proposed additional work, a table of additional manhours and costs associated with each task is attached (Table 1).

We continue working along the original scope of work. However, many of these items need to be addressed in short order to continue moving forward with the project. We await your direction on how to proceed. If you have any questions or require any additional information, please contact the undersigned.

Mr. Davis  
3/24/2005  
HRC Job No. 20020367  
Page 3

Very truly yours,

HUBBELL, ROTH & CLARK, INC.

Daniel W. Mitchell, P.E.  
Associate

DWM/dm  
Attachment  
pc: Rochester Hills; P. Schumejko  
HRC; W. Alix, N. Faught, F. Navarre, File



**CITY OF ROCHESTER HILLS  
TIENKEN ROAD & KINGS COVE INTERSECTION IMPROVEMENTS  
ADDITIONAL ITEMS**

**TABLE 1  
ESTIMATED HOURS AND FEES**

March 22, 2005

HRC Job No. 20020367.07

Task Description	Rate Classification & Estimated Hours							Total Hours	Estimated Fees (x 2.9)
	Associate/ Project Manager	Sr. Engineer	Engineer	Sr. Tech.	Technician	Survey Office	Clerical		
	\$ 42	\$ 37	\$ 28	\$ 27	\$ 22	\$ 28	\$ 18		
<b>INCURRED TO-DATE</b>									
1 Utility Coordination	25	16		43				84	\$ 8,130
2 Conceptual Plans/Elevations	16	12	40		30			98	\$ 8,400
3 Misc. Items (RCOC Permit, Funding Application & Bridge Deck Mod.)	4	25			10			39	\$ 3,810
<b>SUBTOTALS</b>	<b>45</b>	<b>53</b>	<b>40</b>	<b>43</b>	<b>40</b>	<b>-</b>	<b>-</b>	<b>221</b>	<b>\$ 20,340</b>
<b>STATE FUNDING</b>									
1 Road Design Changes	30			120				150	\$ 13,050
2 Bridge Design Changes	30	360		250			12	652	\$ 62,490
3 Review Meetings	8	32						40	\$ 4,410
<b>SUBTOTALS</b>	<b>68</b>	<b>392</b>	<b>-</b>	<b>370</b>	<b>-</b>	<b>-</b>	<b>12</b>	<b>842</b>	<b>\$ 79,950</b>
<b>PEDESTRIAN BRIDGE RELOCATION</b>									
1 Evaluate Alternatives	4	20						24	\$ 2,640
2 Prepare Report	8	20			20		8	56	\$ 4,820
<b>SUBTOTALS</b>	<b>12</b>	<b>40</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>8</b>	<b>80</b>	<b>\$ 7,460</b>
<b>ROW/EASEMENT ACQUISITION (4 Parcels)</b>									
1 ROW Acquisition		120		80				200	\$ 19,140
2 Survey Documentation						32		32	\$ 2,600
<b>SUBTOTALS</b>	<b>-</b>	<b>120</b>	<b>-</b>	<b>80</b>	<b>-</b>	<b>32</b>	<b>-</b>	<b>232</b>	<b>\$ 21,740</b>
<b>PROJECT TOTALS</b>	<b>125</b>	<b>605</b>	<b>40</b>	<b>493</b>	<b>60</b>	<b>32</b>	<b>20</b>	<b>1,375</b>	<b>\$ 129,490</b>

**ESTIMATED FEE SUMMARY**

PERSONNEL	HOURS	RATE	TOTAL
Associate/ Project Manager	125	\$ 42.00	\$ 5,250.00
Sr. Engineer	605	\$ 37.00	\$ 22,390.00
Engineer	40	\$ 28.00	\$ 1,120.00
Sr. Tech.	493	\$ 27.00	\$ 13,310.00
Technician	60	\$ 22.00	\$ 1,320.00
Survey Office	32	\$ 28.00	\$ 900.00
Clerical	20	\$ 18.00	\$ 360.00
TOTAL DIRECT PAYROLL			\$ 44,650.00
TOTAL INDIRECT PAYROLL (1.9)			\$ 84,840.00
<b>TOTAL ESTIMATED COST</b>			<b>\$ 129,490.00</b>

REIMBURSABLES	Qty	RATE	TOTAL
Appraisal	4 parcels	\$ 3,500.00	\$ 14,000.00



# Rochester Hills Master Report

1000 Rochester Hills  
Drive  
Rochester Hills, MI 48309  
(248) 656-4660  
Home Page:  
www.rochesterhills.org

**File Number: 2005-0204**

<b>File Number:</b> 2005-0204	<b>File Type:</b> Purchase	<b>Status:</b> To Council
<b>Version:</b> 1	<b>Reference:</b>	<b>Controlling Body:</b> City Council
<b>Requester:</b> DPS/Engineering	<b>Cost:</b> \$143,490.00	<b>Introduced:</b> 03/18/2005
<b>File Name:</b> Tienken & Kings Cove Intersection Amendment to Professional Service Contract		<b>Final Action:</b>

**Title:** Request for Purchase Authorization - DPS: Amendment to Professional Service Contract for Tienken and Kings Cove Bridge Replacement/Traffic Signal Project in the amount of \$143,490.00 for a new not-to-exceed total of \$302,840.00; Hubbell, Roth & Clark, Inc. (HRC), Pontiac, MI

**Notes:** E02-024  
Hubbell, Roth & Clark, Inc.  
2001 Centerpoint Parkway, Ste 109  
Pontiac, MI 48341

<b>Code Sections:</b>	<b>Agenda Date:</b> 04/06/2005
<b>Indexes:</b> Blanket Purchase, Bridges, Consultant, MDOT, Pedestrian Crossings, Project, RCOC, Traffic Signals, Roads	<b>Agenda Number:</b>
<b>Sponsors:</b>	<b>Enactment Date:</b>
<b>Attachments:</b> Agenda Summary.pdf, Ltr08.pdf, Budget_design.pdf	<b>Enactment Number:</b>

## History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
---------------	--------------	-------	---------	----------	-----------	-----------------	---------

### Text of Legislative File 2005-0204

..Title

Request for Purchase Authorization - DPS: Amendment to Professional Service Contract for Tienken and Kings Cove Bridge Replacement/Traffic Signal Project in the amount of \$143,490.00 for a new not-to-exceed total of \$302,840.00; Hubbell, Roth & Clark, Inc. (HRC), Pontiac, MI

..Body

**Whereas**, the Department of Public Service used a quality based selection (QBS) process to determine which Engineering Firm was best suited to provide the Professional Services for the Tienken Road & Kings Cove Intersection-Traffic Signal & Bridge Study, and

**Whereas**, the selection process included quality control for the project, project supervision, sensitivity, knowledge of local conditions and a clearly defined scope of work, and

**Whereas**, the City desires to accept federal funding of \$750,000.00 that was subsequently appropriated towards the Tienken bridge reconstruction after the initial design services contract was awarded, and

**Whereas**, the City is obligated to prepare the design plans and follow the typical review and design plan letting process in accordance with a Michigan Department of Transportation format by accepting the federal funds, and

**Whereas**, the City must amend the consultant scope of design services to include the revision of the design plans per MDOT format, compensate for previous charges incurred for utility coordination and work with adjacent agencies and homeowner associations, design for the relocation of the existing pedestrian bridge, and to complete the various work items necessary to obtain the required easements and right-of-way,

**Resolved** that City Council amend and increase the current contract by \$143,490.00 for Professional Services between Hubbell, Roth & Clark, Inc. and the City of Rochester Hills for the Tienken Road & Kings Cove Intersection-Traffic Signal & Bridge Project for a new amount not-to-exceed \$302,840.00 and authorize the Mayor and Clerk to execute a contract on behalf of the City.