



**HUBBELL, ROTH & CLARK, INC**  
**Consulting Engineers**

**Principals**  
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**Associates**  
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 Nancy M.D. Faught  
 Jonathan E. Booth  
 Michael C. MacDonald  
 Marvin A. Olane  
 James C. Hanson  
 Richard F. Beaubien  
 William R. Davis  
 Daniel W. Mitchell  
 Jesse B. VanDeCreek  
 Robert F. DeFrain  
 Marshall J. Grazioli  
 Thomas D. LaCross

July 5, 2007

City of Rochester Hills  
 1000 Rochester Hills Dr.  
 Rochester Hills, Michigan 48309-3033

Attention: Mr. Paul Shumejko, P.E.  
 Traffic Engineer

Re: 2007 Pathway Improvements – South Boulevard  
 Proposal to Provide Engineering Design Services

HRC Job No. 20070369.86

Dear Mr. Shumejko:

As requested, we are pleased to offer our services for the subject project. It is noted that Hubbell, Roth & Clark, Inc. (HRC) has been pre-approved to provide these services in accordance with our September 2005 proposal for Engineering Services. Our scope of work is based on your May 24<sup>th</sup> email that identifies approximately 3,600 feet of new 8' wide bituminous pedestrian pathway along various portions of South Boulevard between Adams Road and Crooks Road as shown in Figure 1. The remainder of this letter details our proposed scope of services and associated costs.

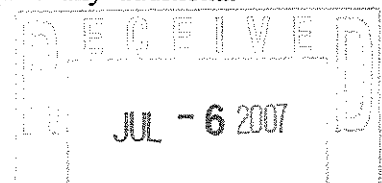
In summary, a biddable set of contract plans and specifications will be developed. The final design will meet the specified City of Rochester Hills Pathway Design Standards and ADA Standards and may include a nominal amount (up to 3' high) of manufactured stone retaining walls. HRC visited the proposed project area and identified the Lueders Drain and the wetland area east of the Drain as potential areas of concern that will need to be addressed as part of the design process. For the purposes of this proposal we have included time to evaluate these areas of concern by developing two (2) preliminary alternatives and presenting these to the City prior to final design. The presentation would include conceptual plans and estimated cost and would be presented at a meeting. It was also noted that a number of easements and/or right-of-way (ROW) needs appear likely. HRC has included time to identify the ROW needs for the project, but have not included any ROW acquisition services.

Attached is Table I that identifies the estimated manhours required to complete the various tasks identified for the project. As shown, the estimated cost to complete this work is \$56,780.00. It is proposed that this work be invoiced monthly on a time basis with a multiplier of 2.9 times direct payroll and will not be exceeded without prior authorization. The estimated project schedule is shown in Figure 2.

We hope this Proposal meets with your approval. Should you concur with this proposal, please sign below to serve as our authorization to proceed. Thank you again for considering us and we look forward to our continued service to Rochester Hills. If you have any questions or require any additional information, please contact the undersigned.

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2001 Centerpoint Parkway, Suite 109  
 Pontiac, Michigan 48341  
 Telephone 248 454 6300 Fax 248 454 6359  
 www.hrc-engr.com



Engineering. Environment. Excellence.



Very truly yours,

HUBBELL, ROTH & CLARK, INC.

A handwritten signature in black ink that reads "Daniel W. Mitchell". The signature is written in a cursive style and is positioned above a horizontal line.

Daniel W. Mitchell, P.E.  
Associate

Date: 7-5-07

Recommended by:  
CITY OF ROCHESTER HILLS

\_\_\_\_\_  
Paul Shumejko, Traffic Engineer

Date: \_\_\_\_\_

Approved by:  
CITY OF ROCHESTER HILLS

\_\_\_\_\_  
Bryan K. Barnett, Mayor

Date: \_\_\_\_\_

Attachment  
pc: HRC; W. Alix, File

**CITY OF ROCHESTER HILLS  
2007 PATHWAY IMPROVEMENTS (S. BOULEVARD)**

**TABLE 1  
ESTIMATED HOURS AND FEES**

May 31, 2007

HRC Job No. 20070369.86

Task Description	Rate Classification & Estimated Hours							Total Hours	
	Associate/ Project Manager	Sr. Engineer	Engineer	Sr. Tech.	Technician	Survey Crew	Survey Office		Clerical
1 Topographical Survey	2					32	4		38
2 Survey File Processing	1						8		9
3 Draft Plans (pathway)	8		100		50				208
4 Draft Plans (Lueders Drain & wetlands crossing)	8	80		40	40				168
5 ROW Requirements	2	4					4		10
6 Specifications	8		32						48
7 Final Plans	4	10	10	10	20				59
8 Engineer's Opinion of Construction Cost	2	4	4						10
9 Meetings (2)	4	4	8					2	18
10 Permits		4	8						12
11 Bidding Process (Advertisement thru Award)	2	4	12					2	20
12 P&S Reproduction					10				10
<b>PROJECT TOTALS</b>	<b>41</b>	<b>110</b>	<b>174</b>	<b>100</b>	<b>120</b>	<b>32</b>	<b>16</b>	<b>17</b>	<b>610</b>

**ESTIMATED FEE SUMMARY**

PERSONNEL	HOURS	RATE	TOTAL
Associate/ Project Manager	41	\$ 45.00	\$ 1,850.00
Sr. Engineer	110	\$ 40.00	\$ 4,400.00
Engineer	174	\$ 30.00	\$ 5,220.00
Sr. Tech.	100	\$ 27.00	\$ 2,700.00
Technician	120	\$ 22.00	\$ 2,640.00
Survey Crew	32	\$ 65.00	\$ 2,080.00
Survey Office	16	\$ 27.00	\$ 430.00
Clerical	17	\$ 15.00	\$ 260.00
<b>TOTAL DIRECT PAYROLL</b>			<b>\$ 19,580.00</b>
<b>TOTAL INDIRECT PAYROLL (1.9)</b>			<b>\$ 37,200.00</b>
<b>TOTAL ESTIMATED COST</b>			<b>\$ 56,780.00</b>

**Notes:**

City will directly contract soil borings and wetland delineation.

**CITY OF ROCHESTER HILLS  
2007 PATHWAY IMPROVEMENTS (S. BOULEVARD)**

**Figure 2**

**HRC Job No. 20070369.86**

**Preliminary Schedule**

Item	Year 2007								Year 2008							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.			
Authorization to Proceed	◆															
Topographical Survey																
Survey File Processing																
Draft Plans (pathway)																
Draft Plans (Lucders Drain & wetlands crossing)																
ROW Requirements																
Specifications																
Final Plans																
Engineer's Opinion of Construction Cost																
Meetings (2)		◆														
Permits																
ROW Services (Separate Contract)																
Bidding Process (Advertise - Award)																
Construction																