



City of Rochester Hills  
AGENDA SUMMARY  
FINANCIAL ITEMS

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

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Legislative File No: 2011-0332

**TO:** Mayor and City Council Members

**FROM:** Allan E. Schneck, DPS Director

**DATE:** July 28, 2011

**SUBJECT:** Rain Tree Drive Rehabilitation / Pathway Project & Cumberland Hills / Eddington Farms Speed Hump Installations – E10-041

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**REQUEST:**

The Department of Public Service recommends awarding the contract for the Rain Tree Drive Rehabilitation / Pathway Project & Cumberland Hills / Eddington Farms Speed Hump Installations to Pro-Line Asphalt of Washington, Michigan in the amount of \$936,207.12 and authorizes the Mayor and Clerk to execute a contract on behalf of the City.

**REASON FOR PURCHASE:**

On Wednesday, July 27, 2011, the City received five (5) sealed bids for the Rain Tree Drive Rehabilitation / Pathway Project & Cumberland Hills / Eddington Farms Speed Hump Installations (bid tabs attached). Of the five (5) bids received, Pro-Line, Asphalt Paving Corp. was the lowest, responsive, responsible bidder. The bid received from Pro-Line was 1.3% below the engineer's cost estimate. Work is expected to begin in August and be completed by November 15<sup>th</sup>.

The Scope of Work for the project includes:

**Part A - Rain Tree Drive Rehabilitation**

The road is approximately 4,700 feet in length. The typical existing road cross section is 24 foot wide and consists of HMA and concrete sections. The HMA section generally consists of four (4) to nine (9) inches of HMA over the existing sub-grade. The concrete section generally consisting of seven (7) to eight (8) inch concrete over the existing subgrade. The replacement road section will be 26 feet wide and consist of six (6) inches of HMA pavement over six (6) inches of 21AA aggregate based with two and a half (2.5) foot B-2 Modified curb & gutters at the side street approaches. The existing six (6) foot wide gravel shoulders will be removed and replaced with topsoil, seed, and mulch.

The project also includes restoration of the ditch line along the south side of Rain Tree Drive between Aquinas Drive and Pinehurst Drive to minimize the erosion that currently takes place.

Work items includes: utility structure adjust/recondition/reconstruct; selective installation of edge drain; HMA and concrete pavement removal; placement of six (6) inches HMA; placement of six (6) inches of aggregate base materials; concrete curb and gutter installations; selective subgrade undercutting as directed-by-engineer; restoration; and other miscellaneous items of work.

**Part B - Rain Tree Pathway**

This portion of the project involves constructing approximately 5,600 feet of eight (8) foot wide HMA pathway using four (4) inches of HMA; 13A [two lifts] over four (4) inches of 21AA Aggregate Base;

construction of ADA compliant pathway ramps; ditch restoration; and related items of work. The project location varies from the north to south side of Rain Tree Drive.

**Part C - Cumberland Hills / Eddington Farms Speed Hump**

The typical existing road cross section is 36 feet wide and consists of approximately seven (7) to eight (8) inch concrete pavement with integral concrete curb & gutter placed over existing subgrade. In areas where concrete slabs are being removed and replaced, the replacement pavement section consists of eight (8) inch concrete pavement (non-reinforced), over six (6) inches 21AA aggregate base.

Work items includes: milling existing concrete pavement to accommodate HMA speed hump per City Standard Detail; concrete pavement removal and replacement; installation of Chevron pavement markings for speed humps, restoration; and other miscellaneous items of work.

(Project area maps for the above locations are in Appendix A.)

**PROCESS:**

**Vendor Name and Address:**

Pro-Line Asphalt Paving Corp.  
11797 29 Mile Road  
Washington, MI 48095

**Reason for Selection:**

Lowest, Responsive, Responsible Bidder

**Method of Purchase:**

Blanket Order  
Contract

**BUDGET:**

The proposed project was approved in the 2011 CIP and 2011 Adopted Budget under Major Road MR-43 = \$549,000; PW-43 = \$270,000; and MR-12 = \$20,000 in the Professional Services and Capital Outlay accounts.

The Major Road total is \$827,097.21 [MR-43 = \$728,174.17 plus a 10% contingency of \$72,817.42 and MR-12 = \$23,732.38 plus a 10% contingency of \$2,373.24]. The Pathway total is \$202,730.63 [\$184,300.57 plus a 10% contingency of \$18,430.06]. A 2011 3<sup>rd</sup> Quarter Budget Amendment will be forthcoming for the Major Road projects.

Approximately \$5,000.00 of the costs for the speed hump installations will be reimbursed by the Homeowner’s Association as part of the City’s Traffic Calming Cost Share Program along subdivision collector roads.

Fund Name	Department Account No	Account No. Description	Budget Amount	Cost	Remaining Budget
Major Road	452.801000 452.970000	Professional Services/ Construction (MR-43)	\$549,000.00	\$800,991.59	(\$251,991.59)
Pathway	403.801000 403.974000	Professional Services/ Construction (PW-43)	\$270,000.00	\$202,730.63	\$67,269.37
Major Road	452.970000	Construction (MR-12)	\$20,000.00	\$26,105.62	(\$6,105.62)

Other costs associated with the project include geotechnical services (typically 2.5% of contractor payments) and survey & layout supplies such as stakes and construction paint.

**RECOMMENDATION:**

It is recommended that City Council award the contract for the Rain Tree Drive Rehabilitation / Pathway Project & Cumberland Hills / Eddington Farms Speed Hump Installations to Pro-Line Asphalt of Washington, Michigan in the amount of \$936,207.12 and authorizes the Mayor and Clerk to execute a contract on behalf of the City.

The Department of Public Services also requests City Council authorization of a 10% contingency in the amount of \$93,620.72 to allow for quantity adjustments based on final measurements verified in the field.

The Department of Public Services staff will provide the following construction engineering services for this project, including: inspection, complaint resolution, and contract administration along with outside consulting services for geotechnical material testing.

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