

December 7, 2004

Mr. Paul G. Shumejko, P.E.  
City of Rochester Hills  
Department of Public Services  
1000 Rochester Hills Drive  
Rochester Hills, MI 48309

Re: Clinton River Trail  
Job No.: PR04-539

Dear Mr. Shumejko:

Spalding DeDecker Associates, Inc. (SDA) is pleased to once again have this opportunity to provide professional surveying services to the City of Rochester Hills. We look forward to continuing our work on this project.



### **Scope of Services**

#### **Construction Layout**

We have spoken with you and reviewed the plans for the project. Each of the individual areas will be staked as scheduled and when requested by the City. We understand that the project will consist of the following staking:

#### *Crooks Road Crossing*

- Perform a one-time staking, setting stakes with grade at a three or five-foot offset to the proposed asphalt pavement. Stakes will be set on one side of the path only.
- Layout for signs, striping, and pavement markings is not included.

#### *Hamlin Road Crossing*

- Stake the centerline of the culverts and provide an offset stake with grade for both ends of the culverts.
- Perform a one-time staking, setting stakes with grade at a three or five-foot offset to the proposed asphalt pavement. Stakes will be set on one side of the path only.
- Layout for signs, striping, and pavement markings is not included.

#### *Existing Bridge B01*

No staking will be performed for the improvements to this structure.

#### *Proposed Bridge B02*

- Set reference points A and B.
- Set two points on a line that is parallel with the reference baseline. Set two points on a second parallel line.
- Provide a benchmark or reference point with a cut or fill to an agreed upon point (top of seat elevation or other reference elevation).
- The scope of services does not include staking footings or providing detailed layout for the abutments, beyond setting the reference points described above.

905 South Boulevard East • Rochester Hills, MI 48307

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#### *Livernois Road Crossing*

- Perform a one-time staking, setting stakes with grade at a three or five-foot offset to the proposed asphalt pavement for the bike path. Stakes will be set on one side of the path only.
- Perform a one-time staking, setting stakes with grade at a three or five-foot offset to the proposed edge of asphalt pavement for the widened pavement of Livernois Road. Stakes will be set on both sides of the road.
- Stake the culvert end sections and provide stakes with grades for the structure cover adjustments.
- Provide graded hubs at an offset to the proposed curb island.
- Layout for signs, striping, and pavement markings is not included.

#### *Avon Road*

- Perform a one-time staking, setting stakes with grade at a three or five-foot offset to the proposed asphalt pavement for the bike path. Stakes will be set on one side of the path only.
- Perform a one-time staking, setting stakes with grade at a three or five-foot offset to the proposed edge of asphalt pavement for the widened pavement of Avon Road. Stake the proposed concrete curb. Stakes will be set on both sides of the road.
- Stake the culvert end sections and provide stakes with grades for the structure cover adjustments.
- Provide graded hubs at an offset to the proposed curb island.
- Layout for signs, striping, and pavement markings is not included.

#### **Shop Drawing Review**

We will perform shop drawing review for bridges B01 and B02 as directed by the City of Rochester Hills for a not to exceed cost of \$3,490

#### **Slope Staking**

We will perform slope staking, if needed, as directed by the City of Rochester Hills for a not to exceed cost of \$4,000.

#### **Optional Staking/Additional Services**

Additional services as requested by the City of Rochester Hills will be performed on a time and materials basis according to our agreed upon hourly basis fee schedule. These services include tasks not specifically included above, including additional bridge layout and as-built measurements, re-staking, slope staking, performing as-built measurements and record drawings, and any other additional services requested by the City.

#### **Fee**

We will perform this work on a time and materials basis according to the fee schedule agreed to in our current continuing services agreement. Our not to exceed fee to perform the scope of work is \$14,750 for the construction layout, \$3,490 for the shop drawing review, and \$4,000 for the slope staking for a total not to exceed fee of \$22,240. Additional staking not specifically included in the base scope and requested by the City of Rochester Hills will be performed on a time and materials basis according to our agreed upon hourly basis fee schedule.

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If the above terms are acceptable, please sign and return this letter proposal. We will wait to hear from you regarding the project schedule and initial staking requests. Thank you for your continued confidence in SDA, and please don't hesitate to call if you have any questions.

Sincerely,

**SPALDING DEDECKER ASSOCIATES, INC.**

A handwritten signature in black ink, appearing to read 'Mike F. DeDecker', is written over a horizontal dotted line.

Mike F. DeDecker, PS  
Project Manager

Approved by:

**City of Rochester Hills**

Pat Somerville, Mayor

Date:

cc: Ms. Barbara Key