

June 30, 2022

City of Rochester Hills
1000 Rochester Hills Drive
Rochester Hills, Michigan 48309

Attn: Ken Elwert, CPRE – Director of Parks and Forestry

Re: Innovation Hills - Clinton River Rope Bridge
Proposal for **Additional** Engineering Services
Related to Design of Access Pathway

HRC Job No. 20210875

Hubbell, Roth & Clark, Inc. (HRC) is pleased to offer this proposal for additional engineering services related to the addition of an Access Pathway to the proposed Clinton River Rope Bridge Project from the “park side” of Innovation Hills. We propose that all items of work be completed under the terms and conditions of our existing Agreement for Professional Engineering Services.

A description of our additional services and budgeted hours are summarized below:

1. The City has decided to include the design of an access pathway to connect the Rope Bridge to the existing asphalt path within the “Park Side” of Innovation Hills to the Rope Bridge Project. The route of this pathway was established during a 6/24/2022 field visit by City and HRC staff. It is our understanding that the pathway will be 8’ wide and consist of crushed limestone (thickness yet to be determined). Efforts will be made to limit the amount of tree disturbance resulting from the construction of the pathway. The route of the pathway will be utilized: (1) by TEC to access the bridge site to obtain soil borings, (2) by the selected contractor as a construction access roadway and (3) after construction as a pedestrian pathway and maintenance vehicle access road.

HRC's efforts will include:

- a. Additional topography along proposed access pathway.
 - i. HRC will tag tree as necessary and obtain ground elevations.
- b. Develop bidding documents for the access pathway which will be included in the overall bid package.
- c. HRC will field locate the alignment of the pathway which will be utilized by TEC and their subcontractor to clear undergrowth and gain access to the bridge site for the acquisition of soil borings.

| Task Description | Rate Classification & Estimated Hours | | | Estimated Fees |
|---|---------------------------------------|-----------------------|-------------|--------------------|
| | Survey Crew | Engineer/ Surveyor | Total Hours | |
| | \$ 140 | \$ 130 | | |
| 1 Additional Topographic Survey | 20 | 4 | 24 | \$ 3,320.00 |
| 2 Access Pathway Plans and Specifications | | 32 | 32 | \$ 3,900.00 |
| TOTAL ADDITIONAL FEE | | | | \$ 7,480.00 |

Utilizing a blended rate of \$130/hr for professional personnel and \$140/hr for a surveying crew, we would propose an **additional not-to-exceed fee of \$7,480.00** be added to the existing project.

Bloomfield Hills
555 Hulet Drive
Bloomfield Hills, MI 48302
248-454-6300

Delhi Township
2101 Aurelius Rd.
Suite 2A
Holt, MI 48842
517-694-7760

Grand Rapids
801 Broadway NW
Suite 215
Grand Rapids, MI 49504
616-454-4286

Howell
105 W. Grand River
Howell, MI 48843
517-552-9199

Jackson
401 S. Mechanic St.
Suite B
Jackson, MI 49201
517-292-1295

Kalamazoo
834 King Highway
Suite 107
Kalamazoo, MI 49001
269-665-2005

Lansing
215 S. Washington
SQ
Suite D
Lansing, MI 48933
517-292-1488

Clarifications:

1. HRC's topographic efforts are related specifically to the "Park Side" access path identified in the field by City and HRC staff on 6/24/2022. If, at a later date, the City decides to change the alignment of the access path additional topography may be required.
2. HRC is proposing one (1) additional soil borings be included in TEC's geotechnical efforts along the route of the access pathway. HRC will layout the location of this soil boring. TEC and their subconsultant will be responsible for clearing undergrowth and trees to gain access to the bridge site for the acquisition of soil borings.

If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Roland N. Alix, P.E.
Vice-President

pc: Rochester Hills; L. Cummins

Recommended by:
CITY OF ROCHESTER HILLS

Ken Elwert, Parks and Forestry Director

Date: _____

Approved by:
CITY OF ROCHESTER HILLS

Bryan K. Barnett, Mayor

Date: _____