



May 8, 2024

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

Attn: Ms. Lisa Cummins, Procurement Manager

Re: Van Hoosen Pedestrian Bridge and Boardwalk Replacements,
Updated Proposal for Professional Services

HRC Job No. 20230911

Dear Ms. Cummins:

Hubbell, Roth & Clark, Inc. (HRC) is pleased to provide this proposal for the replacement design of the existing two wood pedestrian boardwalks and the one wood bridge located behind the White Farmhouse at the Rochester Hills Museum, Van Hoosen Farm. These existing crossings are commonly known as the “North Bridge,” “Middle Bridge” and “South Bridge” as shown in attached Figure. The existing “North Bridge” and “South Bridge” are boardwalks without railings and the “Middle Bridge” is a bridge with railings. These three existing crossings have been in service for many years and now have reached the end of their in-service life span.

Based on our design scoping meeting held with the City on November 2, 2023, and subsequent communications, we understand the City design requirements as follows:

- The deck width for each crossing shall be as follows: North Bridge – 8ft clear, Middle Bridge – 6ft clear, South Bridge – 10ft clear and without overlooks.
- The railing posts shall be pressure treated wood. The top and bottom rails shall be pressure treated wood with either steel mesh inlay or pressure treated wood pickets (pending City discussions).
- The deck shall be pressure treated wood with plastic decking (Trex or similar) alternate bid item.
- Each structure type shall be similar to the Rochester Hills Innovation Hills boardwalks.
- Helical pier foundations shall be utilized for each crossing.
- Construction is anticipated to begin mid -October, and last about a month and a half.
- The “Middle Bridge” will require railings. The “North Bridge” and the “South Bridge” will have timber curbs since the vertical distance between the top of deck and existing grade is less than thirty inches.
- Each crossing shall be designed for a pedestrian live load of 90 psf. Trucks of any type shall not utilize these crossings.
- The City shall provide topographic survey and soil boring information for each crossing.

Scope of Services:

HRC will provide the following services for this assignment:

- Provide the technical contract documents and preliminary construction cost estimates for 60% Owner’s Review, 90% Owner’s Review and 100% Issued for Bids.
- Incorporate City concerns and comments.
- Assist the City during the advertising period and issue any clarifications or addendums, as necessary.
- Preparation & submission of the EGLE permit.
- Resolution of EGLE concerns and comments for issuance of a permit.
- Provide supplemental detailed survey information in the area around all three (3) bridges.

Fees and Schedule:

Based on the scope of work described herein, we estimate 280 hours of design services plus 80 hours of EGLE permit services and 20 hours of survey services for a total of 380 hours. Using an average blended rate of \$140 /hr., the total not-to exceed proposed cost is \$53,200. We would estimate the work to be complete four (4) weeks following authorization to proceed.

Clarifications:

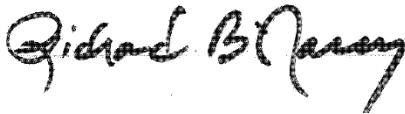
As previously discussed, the City shall be responsible for contacting the utilities and identifying utility locations at each crossing, and as a courtesy contact the Clinton River Watershed, Historical Districts Commission, and the City of Rochester regarding the upcoming project.

Please note that HRC has not included any hydraulic analysis fees, topographic survey fees and construction engineering fees. HRC would gladly do so upon request.

Thank you for the opportunity to assist you on this project. Your acceptance of this Proposal will be acknowledged by your signature in space provided and returning to the undersigned. If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Richard B. Nacey, P.E.
Structural Department Head

pc: HRC; D. Mitchell, File
Rochester Hills; P. McKay, J. Snyder, S. Springstube, K. Elwert, M. Viazanko

Approved by:
CITY OF ROCHESTER HILLS

Lisa Cummins, Procurement Manager

Date: _____