



May 24, 2023

Village of Beverly Hills
18500 W. 13 Mile Rd.
Beverly Hills, MI 48025

Attn: Jeffrey Campbell, Village Manager

Re: Proposal for Design and Construction Services
2023 HMA Street Rehabilitation Program

HRC Job No. 20230082

Dear Mr. Campbell:

As requested, Hubbell, Roth and Clark, Inc. (HRC) is pleased to submit this proposal for engineering services relative to the subject project. Our scope of work is based on preliminary discussions with your office, extensive knowledge of the area, and our experience in HMA road rehabilitation projects. In summary, HRC will provide professional engineering services for the design and construction administration of the 2023 HMA Street Rehabilitation Program.

SCOPE OF SERVICES

Based on our discussion with Village Staff, the total project budget is \$700,000 with a planning area bounded by 13 Mile, 14 Mile, Evergreen and Greenfield roads. To complete this work for the target budget HRC will provide the following services:

- Review PASER ratings and complete field investigation within project area(s).
- Identify areas along roadways with a medium to lower range PASER rating where patching will address defined and isolated areas of deterioration.
- Identify segments of roadways with medium to lower range PASER rating that would benefit from Capital Preventative Maintenance (CPM) treatments.
- Identify a potential budget for patching utilizing recent bid prices, quantities of HMA, anticipated undercutting, etc.
- Identify a potential budget for CPM treatments utilizing recent bid prices and contractor availability.
- Prepare final specifications and plans.
- Assist the Village through the advertising and bidding process and make recommendations for contact award.
- Prepare final contract documents.
- Conduct onsite visit to mark limits for HMA repairs.
- Conduct full-time construction observation.
- Conduct as-needed materials testing.
- Perform construction contract administration.
- Coordinate Project close-out activities.

HRC will work with Village staff to create a budget where approximately half of the construction costs will be allocated for HMA patching and the other half for CPM treatments. Historically, HRC has completed these services for similar Village projects at approximately 15%-20% of the total construction cost. Therefore, we would propose a not-to-exceed total of \$110,000. We would invoice monthly at our direct hourly rates plus a 1.8 multiplier as the work is completed.

Daniel Mitchell, P.E., President will be the Principal In-Charge and Bradley Shepler, P.E., will be the Project Manager. Other key team members include Jack Nagle, P.E., Manager and Adam Mansfield, Graduate Engineer I. All four members have extensive experience with Village projects.

We can begin working on this project immediately following your authorization to proceed and anticipate project completion during the FY24 construction season. If you have any questions or require any additional information, please contact the undersigned.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



Bradley Shepler, P.E.
Senior Associate

pc: Beverly Hills; N. Johnston
HRC; D. Mitchell, J. Nagle, File