



September 25th, 2019

Woods West Drive – Road Committee
Attn: Jeff Reem
7045 Woods West Drive
Flushing, MI 48434

Re: Study/Design and Construction Administration Proposal
Woods West Drive
Genesee County

Mr. Reem:

Surveying Solutions, Inc. appreciates the opportunity to provide a quotation for the above referenced project. Based on our conversations, I have broken this proposal down into several different phases. In order to determine what the existing cross section consists of (Depth of Asphalt, Gravel, Sand, etc.), it would probably make sense to do several road borings/cores to solve the mystery. Once that is determined, the design phase could be completed which would provide a set of bidding documents with the recommended fix in consultation with your committee. Finally, the construction phase would be tackled where our office could provide some degree of oversight during milling/paving operations and help administer payment to the contractor.

Study Phase - \$3,500 (Estimated)

SSI would work with a subconsultant to obtain 3 or 4 pavement cores to a depth of approximately 3 feet to determine how the existing road cross section was constructed. Once complete, our office would communicate the findings to you and your Road Committee and would provide your office with 2 construction cost estimates. The first estimate would be for a shallow 1.5" Mill and Fill whereas the second estimate would be for a full depth Mill and Fill typically in the 3"- 4" range depending on what is found with the pavement cores. The price for this phase is estimated as it includes a \$2,000 allowance for the subconsultant to do the pavement core aspect. The total price would be subject to change based on what the subconsultant actually charges our office but I think \$2,000 should get us fairly close.

Design Phase - \$6,000

SSI would put together a set of plans and specs that would be used for bidding purposes in obtaining a contractor to do the work. No formal survey work would be done and the project's plan documents would utilize aerial photography to outline the scope of work for the contractor. The design would be based on the joint decision between your Road Committee and our office once the cost/benefit topics are discussed for the two potential types of fixes.

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3734 Fortune Blvd., Suite #1, Saginaw, MI 48603 • tel 989-798-0527 • fax 877-581-6645

Construction Administration Phase - \$6,000 (Estimated)

SSI would administer the construction aspect of the project and provide an on-site inspector to oversee the milling and paving operations. This estimate is based on the assumption of 4 days of construction (2 for Milling and 2 for Paving). Depending on the eventual contractor, their speed, and the types of repairs that are determined necessary, this number could fluctuate one way or the other.

Thank you for the confidence in our firm and the opportunity to provide a quote to your neighborhood. If you have any questions, comments, or concerns, please do not to hesitate to call.

Sincerely,

SURVEYING SOLUTIONS, INC.



Adam R. Ball
Project Engineer
aball@ssi-mi.com

Authorization to Proceed – Study Phase

_____ Date

