



4032 Grandview Dr. #11
Flushing, MI 48433

(810) 659-5400 (877) 659-5400
Fax: (810) 249-5391

www.asphaltmanagementinc.com

Email: sales@asphaltmanagementinc.com

Estimate # 10847

Date: 5/23/2019

Woods West
7040 Woods West Dr.
Flushing, MI 48433

Customer Contact: Tim Shickles
Customer Phone: 810-610-0217
Customer E-mail: marvin50@charter.net

Job Location:

Item	Description	Total
Mill & Replace 2"	<p>** Option 1 **</p> <p>41,530 sq. ft. * Mill existing asphalt to the depth of 2" * Haul millings off site * Power broom area to be paved * Tack area to be paved * Pave 2" of commercial top asphalt * Roll for compaction</p> <p>NOTE: Price is based on work to be performed Monday - Friday</p>	58,767.00
Remove and Replace 4"	<p>** Option 2 **</p> <p>41,530 sq ft * Excavate areas to be repaired to a depth of 4", dispose of all debris off site. * Base will then be inspected * If it is deemed necessary by contractor to remove and replace base owner will be notified. * Roll existing sub grade materials to achieve maximum density. * Apply liquid asphalt tack coat to all vertical edges of repair. * Install 4" surface course asphalt material * Roll surface course asphalt to achieve a true and firm finish matching existing grade.</p> <p>NOTE: Price is based on work to be performed Monday - Friday</p>	105,740.00

*****Payment due upon completion of job unless arrangements are made prior to beginning of work*****

Signature _____ Date of Acceptance _____

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Legal fees and court costs incurred in the collection of monies owed according to this contract will be borne by the customer.

There shall be a (1) year guarantee on the materials and workmanship. Work to be performed can only be guaranteed if area that Asphalt Management Inc. repaired is failing due to our materials or workmanship. We can not guarantee any repair if the area around the repair is already cracked, damaged, failed or has defects in sub-base. The guarantee shall be limited to the replacement of the material and application of same. Any

Asphalt Management Answer To Our Questions About Road Maintenance/Long-Term Planning

(2 pages long)

Asphalt Management 10/23/18

10/23/18

Written responses requested.

- Based on the current state and age of the road, what is the likely price range to complete all recommended annual maintenance including but not limited to crack repair, seal coating, infrared repairs and other recommended services? **3 - 5 K**
- If all recommended annual maintenance is done, how many years will the road last? Could the road be aggressively maintained and last 10 or 20 years or more? **5-10**
- Are there any new sealing or coating substances or technologies that are appropriate to improve the appearance or life of our road? **not yet**
- Is there evidence of any sub-surface deterioration or damage? If so, what are the implications? **Alligator cracking**
- What are the positives and negatives of Asphalt Milling vs Asphalt Pulverizing/Stabilization? Would each be a possibility for our road?
- In 2018 dollars, what would be the cost to mill and replace the entire road? **we are unable to provide paving prices, it will take a few days**
- In 2018 dollars, what would be the cost for Asphalt Pulverizing/Stabilization?
- In 2018 dollars, what would be the cost for other replacement options?
- In 2018 dollars, what would be the cost for replacing the road bed, if needed?
- How many years immediately following a road replacement should we plan for zero maintenance expense? **1 at best**
- In years immediately following a road replacement, how much should be budgeted for maintenance? **Hard to say**
- How many years immediately following a road replacement should we expect to be a reduced maintenance cost before returning to current levels of annual maintenance? **5-10**

• Are there any health concerns residents should be aware of during use of any of the substances or processes for maintenance or road replacement?

NO

• What warranties or guarantees are given with the purchase and installation of a new road? *6 months to a year*

• What does the contractor recommend we do to best manage the long-term health of the road? *Crackfill + sealcoat*

• How likely is it that the entire road would need to be replaced all at once?

• Is there a particular section of the road that most likely will require replacement in the next 5 years? In the next 10 years?

• Can you provide an estimate cost on the replacement of that particular section assuming the sub-surface is in good shape?

• What would be the approximate cost for the repair or replacement of the sub-surface be for this particular section?

• How many days would be required to replace a section of the road?

1-2

• How many days would be required to replace the entire road?

2-3

• What is the cost per foot for the replacement of concrete curbing?

\$40-50^s per foot depending on footer