



## Memorandum

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**To:** Fenton Township Board

**From:** Thomas Broecker, Operations Manager/Deputy Clerk

**Date:** September 17, 2020

**Subject:** Award of Contract - Audubon Meadows Street Improvement Project

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With the anticipated confirmation of the special assessment roll for the Audubon Meadows Street Improvement Special Assessment District, the next step is to award the construction contract for the street improvements. Attached is a recommendation from Lawrence Engineering to award the contract to Allied Construction Company, Inc. based on their proposal of \$97,124.40.

Please let me know if you have any questions prior to Monday's meeting. Thank you.



CIVIL ENGINEERING

24 August 2020

Charter Township of Fenton  
12060 Mantawauka Dr.  
Fenton, Michigan 48430

Re: Audubon Meadows Road Repair

Dear Charter Township of Fenton

In our original assessment of road conditions in Audubon Meadows, we, Lawrence Engineering P.C., recommended Audubon Dr and Rolling Meadow Dr be repaired with a 2" mill/fill along with 2 small areas of subbase repair. We determined a general estimate for funds to be \$95,000. On June 25<sup>th</sup>, we prepared and solicited 3 bid packages from the following contractors: Midwest Pavement, Allied Construction and Eastern Asphalt. All 3 contractors returned quotes and we have included them for your review. A detailed breakdown is also included in this letter.

Midwest Pavement	\$92,899.12
Allied Construction	\$97,124.40
Eastern Asphalt	\$102,156.95

After reviewing the bottom-line cost, availability, scheduling timeline, and overall understanding and performance expectations, we recommend Allied Construction be the contractor selected for this project. They are available yet this year for completion and are capable of completing the entire repair within a 2-3 day work span. The overall interest level and concern for the proper repairs has put our confidence level high enough to compensate for the difference in bids. Allied has also provided a cost analysis for the project at 2021 work. The other 2 companies would need to resubmit if the work is postponed beyond the 2020 paving season. If you have any questions regarding the bids and/or our recommendation, please give me a call at (810) 750-5280.

Sincerely,



Melissa M. Lawrence, P.E., President  
Lawrence Engineering P.C.  
Charter Township of Fenton Engineering Company

Enc.: Three (3) bids

**AUDUBON MEADOWS REPAVING PROPOSAL  
FENTON TOWNSHIP - LAWRENCE ENGINEERING**

**PRICE QUOTATION REQUEST**

**Company:** F. Allied Construction Co., Inc.

**Project Location:** Fenton Township, Genesee County, Michigan  
Audubon Subdivision South of Thompson Rd NE of Wiggins Rd

**Address:** 9633 Northwest Ct. POB 1290, Clarkston, MI 48347

**Project Description:** 2" max. HMA Cold Milling with 2" HMA Resurface to include  
The extents of Waterside Dr (including the approach to Wiggins Rd), Rolling Meadows Dr., and Audubon Dr

**Contact:** Kenneth A. Frenger, Jr., Resident Engineer

Please quote your lowest price(s) using this form, or you letterhead. Also, take note of the following details:

- 1) Send the quotation's to Lawrence Engineering - 4344 Silver Lake Rd Uden, MI 48451 - No later than 12:00pm 7/31/2020
- 2) Quotations submitted later than the above date will not be accepted/considered
- 4) The quotation/proposal shall not be considered unless it is properly signed by the authorized representative and/or immediate supervisor.
- 5) All traffic control is considered to be included in the cost. One Lane to remain open at all times

Fenton Township reserves the right to accept or reject any or all of the quotations or waive formally therein.

Area's to be cold milled and resurfaced	Approx. Length(Ft)	Approx. Width(Ft)	Approx. Area(SQYD) 2" HMA Cold Milling	Approx. Ton 2" HMA 220#/SQYD
WATERSIDE DR (with approach)	445	25	1061	117
Waterside Dr	245	25	681	
Approach	150		380	
ROLLING MEADOW DR	860	25	2389	253
AUDUBON DR	932	25	2589	285
<b>TOTAL</b>	<b>2237</b>		<b>6038</b>	<b>664</b>

ITEM	2020 Work		2021 Work	
	Total	Unit	Unit Price	Total
2" Cold Milling HMA Surface	6038	SYD	\$3.15 / SY	\$19,019.70
HMA, 2" MDOT TOP 220#/SYD (Call out mixture in Unit Price)	664	Ton	\$99.00 / Ton GCRC 13A	\$65,736.00
Full Depth Repair 75'x27' and 66'x27' 423 SYD				
3-1/2" Cold Milling HMA Surface	423	SYD	\$4.90 / SY	\$2,072.70
HMA, 3-1/2" MDOT BASE 385#/SYD	81.4	Ton	\$120.00 / Ton MDOT 700.20C	\$9,768.00
Base Aggregate As Needed	12.0	Ton	\$48.00 / Ton	\$528.00
<b>Bid Total</b>				<b>\$97,124.40</b>

**COLD MILLING PAVEMENT:**

Other HMA materials quoted upon request.

Within the project limits, cold mill the existing HMA at a depth of 2 inches, or depth of existing asphalt, whichever is less. Match the existing pavement grades and cross slopes. All milling spoils shall be removed from the site. Arrangements can be made to place at the 4344 Silver Lake Township property. The above quantity is an estimate and may require adjustments to meet the needs of this project. Contractor to verify all quantities.

**RESURFACING PAVEMENT:**

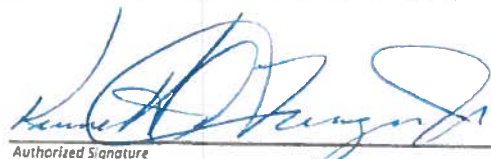
Resurface all cold milled pavements within the project limits with the HMA mixture and rate specified. Match the existing cross slope and grade of the milled surface. Match the existing grade at all tie in driveways and cross roads. Match the grade of any existing drainage or utility structures. The quantity above is an estimate and may require adjustments to meet the needs of this project. Contractor to verify all quantities.

**FULL DEPTH REPAIR**

Mill out additional 3-1/2" or to existing base course, whichever is less. Replace with MDOT Base HMA. If (grave) subgrade is unsuitable, undercut, replace and compact to MDOT Road standards. To be paid for as 3.5" Mill(SYD), 3.5" Base HMA(TON), Undercut Aggregate(CYD)

**PROJECT SCHEDULE**

Once project begins, construction to continue through completion. A preconstruction meeting will be required prior to start date.

  
Authorized Signature

Kenneth A. Frenger, Jr., Resident Engineer

July 31, 2020

Date

Repair Area #2  
75'x25'

AUDUBON DR

ROLLING MEADOW DR

Repair Area #1  
66'x25'

