



STAFF REPORT

DATE: June 2, 2020

CONSENT

AGENDA ITEM: Accept Bids and Award Contract for the 2020 Mill and Overlay Project

SUBMITTED BY: Jack Griffin, City Engineer

REVIEWED BY: Kristina Handt, City Administrator
Marty Powers, Public Works Director
Cara Geheren, Project Engineer

ISSUE BEFORE COUNCIL: Should the City Council accept bids and award a contract for the 2020 Mill and Overlay Project?

BACKGROUND: Each year the City implements preventive maintenance work on the public streets consisting of minor reconstruction and subgrade correction, resurfacing, mill and overlays, crack sealing, seal coating, and patching. The annual Preventive Street Maintenance Program employs a cost effective approach for street repairs to extend the life expectancy of the pavements. Streets selected for the Preventive Street Maintenance Program are determined by using a pavement management system where each street pavement in the City is assigned a condition rating based on visual inspection of the pavement distresses and observed deterioration. The number of streets selected each year is dependent upon the amount of funding available for the program. Streets that have exceeded their life expectancy and can no longer be effectively maintained are programmed for reconstruction in the City's Capital Improvement Program.

For 2020, the following streets were identified for mill and overlay improvements:

- Jamaica Avenue North, from Jamaca Court to Lake Jane Trail.

A "mill & overlay" is a street maintenance technique that requires the removal of the top pavement layer of the street by the grinding action of a large milling machine. After the top layer is removed, a new layer of bituminous pavement is placed. Prior to the mill and overlay, localized areas with significant distress and potential subgrade failure are corrected by completing a full depth patch (removal and replacement of the entire aggregate base and pavement layers). The mill and overlay will remove the surface distresses, improve ride quality, and will preserve the lower portion of the pavement. Cracks that extend the full depth of the pavement are likely to reflect into the new pavement within a short period of time.

PROPOSAL DETAILS/ANALYSIS: Bids were received, publicly opened, and read aloud on Tuesday, May 19, 2020. A Tabulation of Bids and a letter of recommendation for the award of the Contract has been prepared and attached. The City received 8 bids for this project, with Minnesota Paving and Materials providing the lowest bid in the amount of \$299,960.18. The Project was advertised on QuestCDN.com and in the Stillwater Gazette in accordance with the Minnesota Competitive Bidding requirements.

FISCAL IMPACT: Approval of this resolution commits the City Council to enter into a construction contract for the project in the amount of \$299,960.18. The project will be funded through the 2020 street maintenance funds with a total budget of \$565,000.

RECOMMENDATION: Staff is recommending that the City Council approve, *as part of the Consent Agenda*, a resolution accepting bids and awarding a contract to Minnesota Paving and Materials in the amount of \$299,960.18 for the 2020 Mill and Overlay Project. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to approve Resolution No. 2020–056, accepting bids and awarding a contract to Minnesota Paving and Materials, in the amount of \$299.960.18 for the 2020 Mill and Overlay Project.”

ATTACHMENTS:

1. Resolution Accepting Bids and Awarding a Contract.
2. Engineer’s Letter of Award Recommendation and Tabulation of Bids.
3. Project Location Map.
4. Project Schedule.

**CITY OF LAKE ELMO
WASHINGTON COUNTY
STATE OF MINNESOTA**

RESOLUTION NO. 2020-056

**A RESOLUTION ACCEPTING BIDS AND AWARDING A CONTRACT
FOR THE 2020 MILL AND OVERLAY PROJECT**

WHEREAS, pursuant to an advertisement for bids for the 2020 Mill and Overlay Project, bids were received, opened, and tabulated according to law, and bids were received complying with the advertisement; and

WHEREAS, bids were tabulated, checked and summarized to verify that all requirements of the submittal were met; and

WHEREAS, the project engineer reviewed the bids and has provided a letter recommending the award of the contract to the lowest responsible bidder, Midwest Paving and Materials, for the amount of \$299,960.18.

NOW, THEREFORE, IT IS HEREBY RESOLVED,

1. That the Mayor and City Clerk are hereby authorized and directed to enter into a Contract in the accordance with the above ordered Project, in the amount of the Contractor's lowest responsible Base Bid, and according to the plans and specifications thereof approved by the City Council.
2. The City Clerk is hereby authorized and directed to return forthwith to all bidders the deposits made with their bids, except that the deposits of the successful bidder and the next two lowest bidders shall be retained until a contract has been signed.

**ADOPTED BY THE LAKE ELMO CITY COUNCIL ON THE SECOND DAY OF JUNE
2020.**

CITY OF LAKE ELMO

By: _____
Mike Pearson
Mayor

(Seal)

ATTEST:

Julie Johnson
City Clerk

FOCUS ENGINEERING, inc.

Cara Geheren, P.E. 651.300.4261
Jack Griffin, P.E. 651.300.4264
Ryan Stempki, P.E. 651.300.4267
Chad Isakson, P.E. 651.300.4283

May 27, 2020

Honorable Mayor and City Council
City of Lake Elmo, Minnesota

2020 Mill and Overlay Project
City of Lake Elmo, Minnesota
Project No. 2020.110

Dear Mayor and City Council:

Bids for the 2020 Mill and Overlay Project were received on May 19, 2020 at 10:00 AM with the following results:

Contractor	Base Bid
OMG Midwest Inc. dba Minnesota Paving & Materials	\$299,960.18
Park Construction Company	\$325,070.17
Valley Paving, Inc	\$333,096.38
T. A. Schifsky & Sons, Inc	\$333,333.33
Northwest Asphalt, Inc	\$346,854.18
Bituminous Roadways, Inc.	\$358,141.75
Asphalt Surface Technologies Corp.	\$382,014.85
Molnau Trucking LLC	\$520,284.85
Engineer's Estimate	\$417,975.50

A complete Tabulation of Bids is enclosed for your information.

We recommend that you award the Contract to the lowest responsible bidder, Minnesota Paving and Materials, for their total bid of \$299,960.18.

Please contact me with any questions you may have.

Sincerely,



Cara Geheren, P.E.
Project Engineer

Enclosure

cc: Jack Griffin, City Engineer

2020 MILL AND OVERLAY PROJECT (#7033263)

Owner: City of Lake Elmo, MN

Solicitor: FOCUS Engineering Inc

05/19/2020 10:00 AM CDT

Line Item	Item Description	UofM	Quantity	Engineer Estimate		OMG Midwest Inc. dba Min		Park Construction Company		Valley Paving, Inc		T. A. Schifsky & Sons, Inc	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
2020 Mill and Overlay Project					\$417,975.50		\$299,960.18		\$325,070.17		\$333,096.38		\$333,333.33
1	MOBILIZATION	LS	1	\$20,500.00	\$20,500.00	\$13,000.00	\$13,000.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$33,617.81	\$33,617.81
2	TRAFFIC CONTROL	LS	1	\$10,500.00	\$10,500.00	\$6,300.00	\$6,300.00	\$2,200.00	\$2,200.00	\$2,310.00	\$2,310.00	\$17,250.00	\$17,250.00
3	SILT FENCE	LF	50	\$2.00	\$100.00	\$5.02	\$251.00	\$11.10	\$555.00	\$5.25	\$262.50	\$3.00	\$150.00
4	INLET PROTECTION	EA	2	\$200.00	\$400.00	\$245.78	\$491.56	\$144.00	\$288.00	\$185.00	\$370.00	\$100.00	\$200.00
5	SAWCUT PAVEMENT (ALL TYPES)	LF	364	\$2.50	\$910.00	\$3.41	\$1,241.24	\$3.05	\$1,110.20	\$5.30	\$1,929.20	\$2.00	\$728.00
6	MILL 2" OF EXIST. BITUMINOUS PAVEMENT, SHOULDERS	SY	9220	\$2.25	\$20,745.00	\$1.45	\$13,369.00	\$1.70	\$15,674.00	\$0.82	\$7,560.40	\$2.10	\$19,362.00
7	MILL 2.5" OF EXIST. BITUMINOUS PAVEMENT, DRIVE LANES	SY	13840	\$2.25	\$31,140.00	\$1.05	\$14,532.00	\$1.25	\$17,300.00	\$1.30	\$17,992.00	\$2.10	\$29,064.00
8	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT (DRIVEWAYS)	SY	200	\$4.00	\$800.00	\$3.00	\$600.00	\$10.50	\$2,100.00	\$8.00	\$1,600.00	\$6.00	\$1,200.00
9	SALVAGE BRICK PAVERS (DRIVEWAYS)	SY	10	\$5.00	\$50.00	\$20.06	\$200.60	\$36.40	\$364.00	\$3.75	\$37.50	\$10.00	\$100.00
10	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER	LF	171	\$10.00	\$1,710.00	\$8.15	\$1,393.65	\$15.60	\$2,667.60	\$15.75	\$2,693.25	\$5.70	\$974.70
11	REMOVE 0.5" OF EX. BASE MATERIAL AND RECOMPACT	SY	9225	\$3.00	\$27,675.00	\$0.01	\$92.25	\$0.15	\$1,383.75	\$0.31	\$2,859.75	\$1.50	\$13,837.50
12	TYPE SP 9.5 BITUMINOUS WEARING COURSE (SPWEA330B)	TN	3400	\$73.00	\$248,200.00	\$61.85	\$210,290.00	\$64.20	\$218,280.00	\$67.70	\$230,180.00	\$50.20	\$170,680.00
13	BITUMINOUS MATERIAL FOR TACK COAT	GAL	1590	\$3.00	\$4,770.00	\$0.01	\$15.90	\$2.60	\$4,134.00	\$1.55	\$2,464.50	\$0.01	\$15.90
14	2360 BITUMINOUS WEAR COURSE, DRIVEWAYS	SY	200	\$24.00	\$4,800.00	\$12.00	\$2,400.00	\$19.30	\$3,860.00	\$20.00	\$4,000.00	\$25.00	\$5,000.00
15	INSTALL SALVAGED BRICK PAVERS (DRIVEWAY)	SY	10	\$5.00	\$50.00	\$30.10	\$301.00	\$136.00	\$1,360.00	\$18.65	\$186.50	\$10.00	\$100.00
16	CLASS 2 AGGREGATE SHOULDER	TN	390	\$20.00	\$7,800.00	\$5.00	\$1,950.00	\$28.30	\$11,037.00	\$32.50	\$12,675.00	\$25.00	\$9,750.00
17	ADJUST VALVE BOX	EA	12	\$350.00	\$4,200.00	\$184.38	\$2,212.56	\$50.10	\$601.20	\$575.00	\$6,900.00	\$200.00	\$2,400.00
18	CONCRETE CURB AND GUTTER (ALL TYPES)	LF	167	\$25.00	\$4,175.00	\$42.00	\$7,014.00	\$42.00	\$7,014.00	\$26.25	\$4,383.75	\$40.00	\$6,680.00
19	CORRECT FAILED CULVERT	EA	1	\$5,000.00	\$5,000.00	\$12,050.00	\$12,050.00	\$4,680.00	\$4,680.00	\$3,250.00	\$3,250.00	\$9,250.00	\$9,250.00
20	DITCH GRADING	LF	220	\$50.00	\$11,000.00	\$24.08	\$5,297.60	\$9.00	\$1,980.00	\$30.00	\$6,600.00	\$17.20	\$3,784.00
21	IMPORT AND PLACE TOPSOIL (LV)	CY	80	\$32.00	\$2,560.00	\$42.43	\$3,394.40	\$43.90	\$3,512.00	\$58.00	\$4,640.00	\$25.00	\$2,000.00
22	SEEDING, FERTILIZER AND WOOD FIBER BLANKET	SY	740	\$4.00	\$2,960.00	\$0.10	\$74.00	\$2.00	\$1,480.00	\$2.10	\$1,554.00	\$5.00	\$3,700.00
23	STRIPING - 4" YELLOW STRIPING (STYLE VARIES)	LF	5287	\$0.70	\$3,700.90	\$0.22	\$1,163.14	\$0.22	\$1,163.14	\$0.23	\$1,216.01	\$0.22	\$1,163.14
24	STRIPING - 4" WHITE STRIPING	LF	10574	\$0.40	\$4,229.60	\$0.22	\$2,326.28	\$0.22	\$2,326.28	\$0.23	\$2,432.02	\$0.22	\$2,326.28
Base Bid Total:					\$417,975.50		\$299,960.18		\$325,070.17		\$333,096.38		\$333,333.33

2020 MILL AND OVERLAY PROJECT (#7033263)

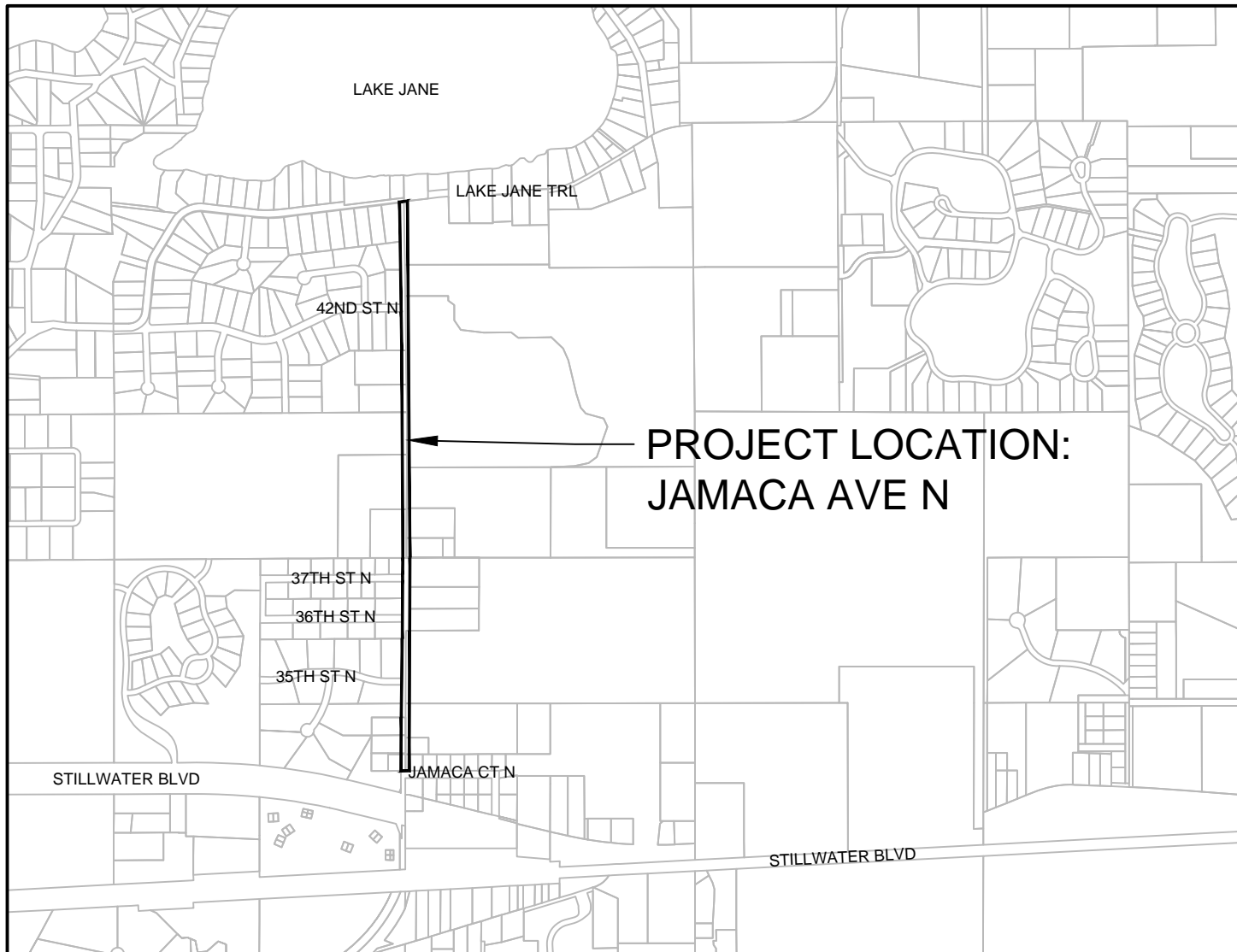
Owner: City of Lake Elmo, MN

Solicitor: FOCUS Engineering Inc

05/19/2020 10:00 AM CDT

Line Item	Item Description	UofM	Quantity	Northwest		Bituminous Roadways Inc.		Asphalt Surface Technologies		Molnau trucking llc	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
2020 Mill and Overlay Project					\$346,854.18		\$358,141.75		\$382,014.85		\$520,284.85
1	MOBILIZATION	LS	1	\$14,250.00	\$14,250.00	\$15,000.00	\$15,000.00	\$21,000.00	\$21,000.00	\$20,000.00	\$20,000.00
2	TRAFFIC CONTROL	LS	1	\$7,500.00	\$7,500.00	\$10,655.00	\$10,655.00	\$4,400.00	\$4,400.00	\$5,000.00	\$5,000.00
3	SILT FENCE	LF	50	\$4.00	\$200.00	\$3.90	\$195.00	\$6.00	\$300.00	\$10.00	\$500.00
4	INLET PROTECTION	EA	2	\$165.00	\$330.00	\$166.00	\$332.00	\$275.00	\$550.00	\$85.00	\$170.00
5	SAWCUT PAVEMENT (ALL TYPES)	LF	364	\$4.00	\$1,456.00	\$5.00	\$1,820.00	\$4.00	\$1,456.00	\$5.00	\$1,820.00
6	MILL 2" OF EXIST. BITUMINOUS PAVEMENT, SHOULDERS	SY	9220	\$1.16	\$10,695.20	\$2.30	\$21,206.00	\$1.66	\$15,305.20	\$1.70	\$15,674.00
7	MILL 2.5" OF EXIST. BITUMINOUS PAVEMENT, DRIVE LANES	SY	13840	\$1.05	\$14,532.00	\$2.30	\$31,832.00	\$1.55	\$21,452.00	\$1.70	\$23,528.00
8	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT (DRIVEWAYS)	SY	200	\$5.00	\$1,000.00	\$14.00	\$2,800.00	\$6.60	\$1,320.00	\$37.00	\$7,400.00
9	SALVAGE BRICK PAVERS (DRIVEWAYS)	SY	10	\$24.00	\$240.00	\$11.00	\$110.00	\$17.60	\$176.00	\$125.00	\$1,250.00
10	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER	LF	171	\$12.00	\$2,052.00	\$7.00	\$1,197.00	\$11.00	\$1,881.00	\$25.00	\$4,275.00
11	REMOVE 0.5" OF EX. BASE MATERIAL AND RECOMPACT	SY	9225	\$1.40	\$12,915.00	\$1.40	\$12,915.00	\$0.82	\$7,564.50	\$10.50	\$96,862.50
12	TYPE SP 9.5 BITUMINOUS WEARING COURSE (SPWEA330B)	TN	3400	\$61.80	\$210,120.00	\$56.00	\$190,400.00	\$70.56	\$239,904.00	\$85.00	\$289,000.00
13	BITUMINOUS MATERIAL FOR TACK COAT	GAL	1590	\$4.00	\$6,360.00	\$3.80	\$6,042.00	\$2.75	\$4,372.50	\$3.50	\$5,565.00
14	2360 BITUMINOUS WEAR COURSE, DRIVEWAYS	SY	200	\$22.00	\$4,400.00	\$18.50	\$3,700.00	\$47.60	\$9,520.00	\$38.50	\$7,700.00
15	INSTALL SALVAGED BRICK PAVERS (DRIVEWAY)	SY	10	\$26.00	\$260.00	\$16.50	\$165.00	\$39.20	\$392.00	\$125.00	\$1,250.00
16	CLASS 2 AGGREGATE SHOULDER	TN	390	\$28.55	\$11,134.50	\$43.50	\$16,965.00	\$35.20	\$13,728.00	\$37.00	\$14,430.00
17	ADJUST VALVE BOX	EA	12	\$595.00	\$7,140.00	\$254.00	\$3,048.00	\$495.00	\$5,940.00	\$125.00	\$1,500.00
18	CONCRETE CURB AND GUTTER (ALL TYPES)	LF	167	\$40.00	\$6,680.00	\$48.50	\$8,099.50	\$39.20	\$6,546.40	\$37.00	\$6,179.00
19	CORRECT FAILED CULVERT	EA	1	\$16,000.00	\$16,000.00	\$9,943.00	\$9,943.00	\$5,500.00	\$5,500.00	\$2,500.00	\$2,500.00
20	DITCH GRADING	LF	220	\$12.00	\$2,640.00	\$31.50	\$6,930.00	\$29.70	\$6,534.00	\$10.00	\$2,200.00
21	IMPORT AND PLACE TOPSOIL (LV)	CY	80	\$40.00	\$3,200.00	\$58.50	\$4,680.00	\$46.20	\$3,696.00	\$39.00	\$3,120.00
22	SEEDING, FERTILIZER AND WOOD FIBER BLANKET	SY	740	\$11.15	\$8,251.00	\$8.30	\$6,142.00	\$8.80	\$6,512.00	\$6.50	\$4,810.00
23	STRIPING - 4" YELLOW STRIPING (STYLE VARIES)	LF	5287	\$0.24	\$1,268.88	\$0.25	\$1,321.75	\$0.25	\$1,321.75	\$0.35	\$1,850.45
24	STRIPING - 4" WHITE STRIPING	LF	10574	\$0.40	\$4,229.60	\$0.25	\$2,643.50	\$0.25	\$2,643.50	\$0.35	\$3,700.90
Base Bid Total:					\$346,854.18		\$358,141.75		\$382,014.85		\$520,284.85

2020 MILL AND OVERLAY LOCATION



PROJECT LOCATION MAP, NTS

PROJECT SCHEDULE
CITY OF LAKE ELMO

2020 MILL AND OVERLAY PROJECT
PROJECT NO. 2020.110

FOCUS ENGINEERING, inc.

Cara Geheren, P.E. 651.300.4261
Jack Griffin, P.E. 651.300.4264
Ryan Stempski, P.E. 651.300.4267
Chad Isakson, P.E. 651.300.4283

April 22, 2020	Placement of Advertisement for Bids. – Stillwater Gazette. Publication on April 24 – Quest CDN. Publication on April 24
May 19, 2020	Receive Contractor bids.
June 2, 2020	Council accepts bids and awards Contract.
June 16, 2020	Conduct Pre-construction meeting and Issue Notice to Proceed.
August 28, 2020	Substantial Completion of Work; including paving and restoration.
September 18, 2020	Final Completion of Work; including punchlist and final documentation.