April 7, 2022

GEWALT HAMILTON ASSOCIATES, INC.

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Via Email: gjackson@longgroveil.gov

President & Board of Trustees c/o Greg Jackson, Village Manager Village of Long Grove 3110 Old McHenry Road Long Grove, Illinois 60047

Re: Bid Tabulation and Recommendation

Village of Long Grove 2022 Road Maintenance Program

Ladies and Gentlemen:

On Thursday, April 7, 2022, bid proposals were received and opened for the Village of Long Grove's 2022 Road Program, which is a joint project with the Village of Long Grove (lead agency), Kildeer and Ela Township, at Gewalt Hamilton's office. Bids were received from six (6) contractors. In attendance were several contractor representatives, Jeremy Fischer (GHA) and myself.

This project included a base bid, which includes the resurfacing of Oak Grove Drive and Oak Grove Circle in Long Grove, all resurfacing improvements in Kildeer and all resurfacing improvements in Ela Township. Bid Alternate #1 includes the resurfacing of Chickamauga Lane and Bid Alternate #2 includes the resurfacing of Port Clinton Road, from IL Route 83 to Forest Glen.

As-read, the bid amounts for the <u>base bid</u> (Overall Project) ranged from \$1,619,454.20 to \$1,780.515.06. The final Engineer's Opinion of Probable Cost for the base bid (Overall Project) was \$1,767,048.75. The as-read low bid was received from Arrow Road Construction Company of Elk Grove Village, IL. There were no discrepancies in the bids received, between the as-read bids and tabulated bids.

As-read, the bid amounts for the <u>base bid</u> (LONG GROVE ONLY) ranged from \$635,804.01 to \$717,966.35. The final Engineer's Opinion of Probable Cost for the base bid (LONG GROVE ONLY) was \$698,359.75. The as-read low bid was received from Geske & Sons, Inc. of Crystal Lake, IL. There were no discrepancies in the bids received, between the as-read bids and tabulated bids.

As this is a joint road program, the entire base bid <u>must</u> be considered in the award; neither agency is allowed to separate components of the base bid and award to that contractor. Thus, our recommendation is to consider award of the project to Arrow Road Construction as they were the overall lowest, responsive bidder for the base bid.

As-read, the bid amounts for <u>Bid Alternate #1</u> (Chickamauga Lane) ranged from \$246,521.61 to \$279,144.81. The final Engineer's Opinion of Probable Cost for the Bid Alternate #1 was \$287,684.00. The as-read low bid was received from Geske & Sons, Inc. of Crystal Lake, IL. There was a discrepancy in the bid received from J.A. Johnson Paving, Inc., between the as-read bids and tabulated bids. The discrepancy is highlighted on the attached Bid Tabulation and does <u>not</u> affect our recommendation below.

As-read, the bid amounts for <u>Bid Alternate #2</u> (Port Clinton Road from IL Route 83 to Forest Glen) ranged from \$123,789.99 to \$150,425.64. The final Engineer's Opinion of Probable Cost for the Bid Alternate #2 was \$152,462.75. The as-read low bid was received from Arrow Road Construction Company of Elk Grove Village, IL. There was a discrepancy in the bid received from J.A. Johnson Paving, Inc., between the as-read bids and tabulated bids. The discrepancy is highlighted on the attached Bid Tabulation and does <u>not</u> affect our recommendation below.

Our office has worked successfully with Arrow Road Construction on past projects of similar scope and size, and we expect that this project will be completed in a timely manner as outlined in the Bidding Documents. Arrow Road Construction completed the Village's 2020 Road Maintenance Program (Cuba Road) and the 2021 Road Maintenance Program (S. Krueger Road).

We recommend the Village Board consider approval and award of the 2022 Road Maintenance Program Contract to Arrow Road Construction of Elk Grove Village, Illinois in the amount of \$1,042,757.11, for resurfacing of Oak Grove Drive, Oak Grove Circle, Chickamauga Lane and Port Clinton Road (from IL Route 83 to Forest Glen). As summarized above, Arrow Road Construction was the lowest, responsive bidder for the overall Base Bid and Bid Alternate #2. The combined EOPC for work in Long Grove was \$1,138,506.50.

As the Village of Long Grove is the lead agency for this project, we also recommend that the Village approve and award the overall 2022 Road Maintenance Program to Arrow Road Construction of Elk Grove Village, Illinois in the amount of \$1,998,439.74. The final award of the contract will also need to be approved by the Village of Kildeer and Ela Township as well.

As with any other construction project, it is recommended that the Village Board consider budgeting a 10% contingency factor in addition to the bid amount for additions or changes due to unforeseen conditions (generally below grade). Our office will keep the board apprised of any significant changes in the project scope and obtain written approval prior to implementing any plan changes in the field.

Once the contract award is approved by all agencies (Long Grove, Kildeer and Ela Township), we will prepare the contract and contract bond documents for execution by the awarded contractor. After the contract documents are executed by the contractor, they will be forwarded to the Illinois DOT Bureau of Local Roads for concurrence of contract award (required due to use of MFT and Rebuild Illinois Bond funds) before construction can begin. We will keep the Village informed throughout this process; we anticipate the earliest construction will begin would be May 15, 2022.

As outlined in the Bid Documents, all work is to be complete by September 2, 2022. At the pre-construction meeting, Arrow Road Construction will provide a detailed schedule of work per agency. Arrow Road Construction is required to complete the work in one jurisdiction before moving to another.

If you have any questions regarding the above, please do not hesitate to call me at 847-821-6231 or email me at: gperry@gha-engineers.com.

Sincerely,

Gewalt Hamilton Associates, Inc.

Geoffrey L. Perry, P.E.

Village Engineer

Encl: Bid Tabulation – Overall

Bid Tabulation - Village of Long Grove - Base Bid, Bid Alternate #1 and Bid Alternate #2

OVERALL PROJECT



Client: Long Grove (Lead Agency), Kildeer, & Ela Township

Project: 2022 Combined Road Program

GHA Project No: 5000.047

Project Manager: Geoff Perry

Bid Opening Date: 4/7/2022
Bid Opening Time: 10:00 AM

Bid Opening Location: GHA office BID TABULATION Engineer's Estimate Arrow Road Construction Company Geske and Sons. Inc. Builders Paving LLC Peter Baker & Son Co. J.A. Johnson Paving Company Schroeder Asphalt Services, Inc. of Probable Cost Elk Grove Village, IL Crystal Lake, IL Hillside, IL Lake Bluff, IL Arlington Heights, IL Huntley, IL Item No Description Otv Unit Unit Price Total Unit Price Unit Price Total REM & DISP UNS MATI CU YD \$1,345.0 \$3,228.0 \$12,105. \$9,415.0 \$9,415.0 \$12,912.0 20201200 \$12,105.0 \$12.00 \$45.0 \$35.0 \$48. \$5.00 \$35.0 \$2.50 997.0 SQ YD \$2.40 \$2.2 \$1.25 \$1,246,2 \$0.9 21001000 GEOTECH FAB F/GR STAB \$2,492,50 \$2,392.8 \$2,243,2 \$897.3 \$0.0 \$9.9 \$1.5 \$1,495.5 21101600 TOPSOIL F & P VAR DP 3 457 0 SQ YD \$8.00 \$27,656.00 \$0.10 \$345.7 \$3.15 \$10,889.5 \$7.00 \$24,199.0 \$3.00 \$10,371.0 \$3.00 \$10,371.0 \$7.7 \$26,618.90 3,369.0 \$6.00 \$3.1 21101605 TOPSOIL F & P 2 SQ YD \$20,214.0 \$0.10 \$336.9 \$5.50 \$18,529. \$3.0 \$3.0 \$10,107. \$6.0 \$20,214.0 260.0 \$16.50 \$10.50 FOOT \$14.55 \$3.783.0 \$2,730.0 \$18.00 \$4,680.0 \$10.0 \$10.00 \$18.0 21400100 **GRADING & SHAP DITCH** \$4.290.00 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\$6,000.0 \$900.0 \$4,500.0 \$1,400.0 \$7,000.0 X6026050 \$6,000.0 \$900.00 FR & LIDS ADJUST SPI 7.0 FACH \$6,300,00 \$2 445 00 \$17 115 0 \$910.00 \$6,370.0 \$2,000,00 \$14 000 0 \$840.00 \$5,880,0 \$1 100 00 \$7,700,0 \$950.0 \$6,650,0 X6030310 XX **REM & REIN TURFSTONE** 60.0 SQ FT \$50.00 \$3,000.00 \$12.50 \$750.0 \$16.80 \$1,008.0 \$15.00 \$900.0 \$16.0 \$960.0 \$16.0 \$960.0 \$20.0 \$1,200.0 XX00556 REM & RESET BRIC PAVER 240.0 SQ FT \$20.00 \$4,800.0 \$12.50 \$3,000. \$16.80 \$4,032.0 \$12.00 \$2,880.0 \$16.0 \$3,840.0 \$16.00 \$3,840.0 \$15.0 \$3,600.0 SQ YD \$65.00 \$23.15 \$36.00 \$35.00 \$24.00 Z0004510 HMA DRIVEWAY PAVT 3 903.0 \$58.35 \$52,690.0 \$20.904.4 \$42.00 \$31,605.00 \$58,695.00 \$32,508.0 \$37.926.0 \$21.672.0 Total Base Bio \$1,767,048.75 \$1,619,454.20 \$1,628,821.24 \$1,654,000.00 \$1,639,633.41 \$1,788,169.74 \$1,780,515.0 REM & DISP UNS MATL 0.0 CU YD \$45.00 \$0.00 \$100.00 \$0.00 \$0.00 \$0.00 \$0.0 20201200 \$0.0 \$0.0 \$45.00 \$0.00 \$0.0 \$0.0 \$0.0 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CL D PATCH T3 3	89.0	SQ YD	\$35.00													
	05.0		\$35.00	\$3,115.00	\$10.00	\$890.00	\$25.25	\$2,247.25	\$25.00	\$2,225.00	\$20.00	\$1,780.00	\$30.00	\$2,670.00	\$32.00	\$2,848.00
CL D PATCH T4 3	178.0	SQ YD	\$30.00	\$5,340.00	\$10.00	\$1,780.00	\$25.25	\$4,494.50	Ţ	\$4,450.00	7-0.00	40,000.00	\$30.00	\$5,340.00	\$35.00	\$6,230.00
MOBILIZATION	1.0	L SUM	\$20,000.00	\$20,000.00	\$2,500.00	\$2,500.00	\$4,760.00	\$4,760.00	\$12,091.59	\$12,091.59	\$12,685.00	\$12,685.00	\$15,544.42	\$15,544.42	\$1,500.00	\$1,500.00
TR CONT & PROT 701501	1.0	L SUM	\$0.00	\$0.00	\$415.00	\$415.00	\$450.00	\$450.00	\$100.00	\$100.00	\$200.00	\$200.00	\$6,000.00	\$6,000.00	\$2,000.00	\$2,000.00
REM & REIN BRIC PAVER	0.0	SQ FT	\$26.50	\$0.00	\$50.00	\$0.00	\$0.00	\$0.00	\$12.00	\$0.00	\$0.00	\$0.00	\$10.00	\$0.00	\$0.00	\$0.00
TEMP ACCESS- ROAD	1.0	EACH	\$500.00	\$500.00	\$20.25	\$20.25	\$1.00	\$1.00	\$40.00	\$40.00	\$70.00	\$70.00	\$50.00	\$50.00	\$400.00	\$400.00
REM & REIN TURFSTONE	0.0	SQ FT	\$50.00	\$0.00	\$50.00	\$0.00	\$0.00	\$0.00	\$15.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HMA DRIVEWAY PAVT 3	443.0	SQ YD	\$65.00	\$28,795.00	\$59.50	\$26,358.50	\$23.15	\$10,255.45	\$36.00	\$15,948.00	\$42.00	\$18,606.00	\$35.00	\$15,505.00	\$24.00	\$10,632.00
Alternate 1				\$207 604 00		\$255 405 55		\$246 E24 64		\$254,000,00		¢262 707 24		\$276 E07 42		\$279,144.81
				\$201,004.00		\$255, 195.55		\$240,521.01		\$254,000.00		\$203,707.31	As Pead:	,		\$275,144.01
PEM & DISPLING MATI	0.0	CLIVD	\$45.00	90.00	\$100.00	90.00	90.00	00.02	\$45.00	00.00	00.00	00.00		,	\$0.00	\$0.00
					•											\$4.236.00
			,	Ţ.,	*****	7	7	+-,	77.55	+-,	77.77	7-,	70.00	. ,	7	\$1,200.00
	0.3			7	7	7			7						7	\$986.00
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	40.0		\$6.00	, ,		. ,		\$640.00	*	Ţ= ··· • ·						\$400.00
HMA BC IL-19.0 N50	605.0	TON	\$78.00	\$47.190.00	1	\$46,433,75	\$87.05	\$52,665,25	\$74.50	\$45.072.50	\$75.00	\$45.375.00	\$88.00	\$53,240.00	\$94.00	\$56.870.00
HMA SC IL-9.5 D N50 1.75"	471.0	TON	\$84.00	\$39.564.00	\$89.35	\$42.083.85	\$92.90	\$43,755.90	\$76.50	\$36.031.50	\$84.00	\$39,564.00	\$90.00	\$42,390.00	\$98.00	\$46,158.00
DETECTABLE WARNINGS	0.0	SOFT	\$45.00	\$0.00	\$175.00	\$0.00	\$0.00	\$0.00	\$175.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HMA SURF REM 4	4,811.0	SQYD	\$4.25	\$20,446.75	\$2.90	\$13,951.90	\$3.50	\$16,838.50	\$4.75	\$22,852.25	\$6.10	\$29,347.10	\$4.00	\$19,244.00	\$5.00	\$24,055.00
DRIVE PAVEMENT REM	93.0	SQYD	\$15.00	\$1,395.00	\$10.20	\$948.60	\$5.90	\$548.70	\$16.50	\$1,534.50	\$11.50	\$1,069.50	\$10.00	\$930.00	\$12.00	\$1,116.00
CL D PATCH T1 3	48.0	SQYD	\$45.00	\$2,160.00	\$10.00	\$480.00	\$27.75	\$1,332.00	\$25.00	\$1,200.00	\$20.00	\$960.00	\$30.00	\$1,440.00	\$33.00	\$1,584.00
CL D PATCH T2 3	48.0	SQYD	\$40.00	\$1,920.00	\$10.00	\$480.00	\$26.85	\$1,288.80	\$25.00	\$1,200.00	\$20.00	\$960.00	\$30.00	\$1,440.00	\$33.00	\$1,584.00
CL D PATCH T3 3	48.0	SQYD	\$35.00	\$1,680.00	\$10.00	\$480.00	\$25.25	\$1,212.00	\$25.00	\$1,200.00	\$20.00	\$960.00	\$30.00	\$1,440.00	\$32.00	\$1,536.00
CL D PATCH T4 3	96.0	SQYD	\$30.00	\$2,880.00	\$10.00	\$960.00	\$25.25	\$2,424.00	\$25.00	\$2,400.00	\$20.00	\$1,920.00	\$30.00	\$2,880.00	\$31.00	\$2,976.00
MOBILIZATION	1.0	LSUM	\$20,000.00	\$20,000.00	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$8,822.61	\$8,822.61	\$7,804.00	\$7,804.00	\$8,565.33	\$8,565.33	\$1,500.00	\$1,500.00
TR CONT & PROT 701501	1.0	L SUM	\$0.00	\$0.00	\$777.00	\$777.00	\$850.00	\$850.00	\$100.00	\$100.00	\$500.00	\$500.00	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00
REM & REIN BRIC PAVER	0.0	SQ FT	\$26.50	\$0.00	\$50.00	\$0.00	\$0.00	\$0.00	\$12.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TEMP ACCESS- ROAD	3.0	EACH	\$500.00	\$1,500.00	\$20.25	\$60.75	\$1.00	\$3.00	\$40.00	\$120.00	\$70.00	\$210.00	\$1.00	\$3.00	\$400.00	\$1,200.00
REM & REIN TURFSTONE	0.0	SQ FT	\$50.00	\$0.00	\$50.00	\$0.00	\$0.00	\$0.00	\$15.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HMA DRIVEWAY PAVT 3	93.0	SQ YD	\$65.00	\$6,045.00	\$58.40	\$5,431.20	\$23.15	\$2,152.95	\$36.00	\$3,348.00	\$42.00	\$3,906.00	\$35.00	\$3,255.00	\$30.00	\$2,790.00
Alternate 2				\$152.462.75		\$123 789 99		\$130 914 15		\$131,000,00		\$136.805.24		\$141,860,97		\$150,425.64
				\$132, 4 02.75		φ125,105.33		φ130,914.15		φ131,000.00		ψ130,003.24	As Read:			φ130, 4 23.04
Total Bid				\$2,207,195.50		\$1,998,439.74		\$2,006,257.00		\$2,039,000.00		\$2,040,225.96		\$2,206,618.14		\$2,210,085.51
	TR CONT & PROT 701501 REM & REIN BRIC PAVER TEMP ACCESS- ROAD REM & REIN TURFSTONE HMA DRIVEWAY PAVT 3 Alternate 1 REM & DISP UNS MATL TOPSOIL F & P 2 GRADING & SHAP DITCH SEEDING CL 1A NITROGEN FERT NUTR POTASSIUM FERT NUTR MULCH METHOD 3A AGG SUBGRADE IMPROVE BIT MATLS TACK CT HMA SURF REM BUTT JT HMA BC IL-19.0 N50 HMA SC IL-9.5 D N50 1.75" DETECTABLE WARNINGS HMA SURF REM 4 DRIVE PAVEMENT REM CL D PATCH T1 3 CL D PATCH T2 3 CL D PATCH T3 3 CL D PATCH T4 3 MOBILIZATION TR CONT & PROT 701501 REM & REIN BRIC PAVER TEMP ACCESS- ROAD REM & REIN TURFSTONE HMA DRIVEWAY PAVT 3 Alternate 2	MOBILIZATION 1.0 TR CONT & PROT 701501 1.0 REM & REIN BRIC PAVER 0.0 TEMP ACCESS- ROAD 1.0 REM & REIN TURFSTONE 0.0 HMA DRIVEWAY PAVT 3 443.0 Alternate 1 REM & DISP UNS MATL 0.0 GRADING & SHAP DITCH 4.0 SEEDING CL 1A 0.3 NITROGEN FERT NUTR 13.0 POTASSIUM FERT NUTR 13.0 MULCH METHOD 3A 0.2 AGG SUBGRADE IMPROVE 0.0 BIT MATLS TACK CT 2.164.0 HMA BC IL-19.0 N50 605.0 HMA SC IL-9.5 D N50 1.75" 477.0 DETECTABLE WARNINGS 0.0 HMA SURF REM 4 4,811.0 DRIVE PAVEMENT REM 93.0 CL D PATCH T1 3 48.0 CL D PATCH T2 3 48.0 CL D PATCH T3 96.0 MOBILIZATION 1.0 TR CONT & PROT 701501 1.0 REM & REIN BRIC PAVER 0.0 REM & REIN BRIC PAVER 0.0 Alternate 2	MOBILIZATION	MOBILIZATION	MOBILIZATION 1.0 L SUM \$20,000.00 \$20,000.00 TR CONT & PROT 701501 1.0 L SUM \$0.00 \$0.00 \$0.00 TR CONT & PROT 701501 1.0 L SUM \$0.00 \$0.00 \$0.00 TEMP ACCESS- ROAD 1.0 EACH \$500.00 \$500.00 EACH \$500.00 \$500.00 REM & REIN BRIC PAVER 0.0 SQ FT \$55.00 \$0.00 SQ FT \$55.00 \$28,795.00 SQ FT \$50.00 \$28,795.00 SQ FT \$50.00 \$28,795.00 SQ FT \$50.00 SQ FT \$5	MOBILIZATION	MOBILIZATION	MOBILIZATION 1.0 L.SUM \$20,000.00 \$2,000.00 \$2,500.00 \$4,760.00 TR CONT & PROT 701501 1.0 L.SUM \$500.00 \$0.00 \$415.00 \$4515.00 \$4515.00 \$4510.00 \$450.00 \$0.00 \$0.00 \$0.00 \$40.00 \$0.00 \$0.00 \$40.00 \$	MOBILIZATION 1.0 L.SUM 50,000.00 \$2,000.00 \$2,500.00 \$4,760.00 \$4,760.00 \$7,760.00 \$1,760.00 \$4,	MODRILZATION	MORILIZATION	MOBILZATION 16 I. SUM \$0,0000 \$20,000.0 \$2,000.0 \$47,00.0 \$47,00.0 \$12,001.5 \$12,0	MORILZATION	MOBILIZATION 1.0 L.SUM 30,000.00 \$2,000.00 \$2,500.00 \$2,500.00 \$4,700.00 \$4,700.00 \$1,000.50 \$1,000.50 \$10,000.00 \$10,00	MORILEATION 19 L SUM 50,000 \$2,000 \$2,000 \$1,700 \$1	MORE NATION: 15 1.5 MM 1240,000 10 120,000 120,000 120,000 147,000 15 10,000 15 10,000 15 12,000 15 15,000 15 15,000 15 15,000 15 15,000 15 15,000 15 10,000

LONG GROVE ONLY



Client: Village of Long Grove

Proiect: 2022 Combined Road Program

GHA Project No: 5000.047 Project Manager Geoff Perry

40600982

HMA SURF REM BUTT JT

SQYD

\$240.00

\$3.00

\$120.0

\$16.00

\$23.50

\$5.90

\$236.0

\$1.00

\$40.00

\$10.00

Bid Opening Date: 4/7/2022 **Bid Opening Time:** 10:00 AM

Bid Opening Location: GHA office BID TABULATION Engineer's Estimate Arrow Road Construction Company Geske and Sons. Inc. Builders Paving LLC Peter Baker & Son Co. J.A. Johnson Paving Company Schroeder Asphalt Services, Inc. of Probable Cost Elk Grove Village, IL Crystal Lake, IL Hillside, IL Lake Bluff, IL Arlington Heights, IL Huntley, IL Item No Description Otv Unit Unit Price Total Unit Price Unit Price Total REM & DISP UNS MATI CU YD \$1,150. \$2,760.0 \$8,050.0 \$11,040.0 20201200 \$10,350.0 \$12.00 \$45.0 \$35.0 \$35.0 \$8,050. \$48. \$5.00 3,369.0 \$6.00 SQ YD \$0.10 \$3.15 \$5.50 \$18.529.5 \$3.0 21101605 TOPSOIL F & P 2 \$20.214.00 \$336.9 \$10.612.3 \$10.107.0 \$3.00 \$10,107.0 \$6.0 \$20,214.0 21400100 **GRADING & SHAP DITCH** 260.0 FOOT \$16.50 \$4,290.00 \$14.55 \$3,783.0 \$10.50 \$2,730.0 \$18.00 \$4,680.0 \$10.00 \$2,600.0 \$10.00 \$2,600.0 \$18.0 \$4,680.00 25000110 SEEDING CL 1A 1.4 ACRE \$3,750.0 \$5,250.0 \$20,145.00 \$28,203. \$3,555.00 \$4,977. \$3,100.0 \$4,340. \$3,350.0 \$4,690.0 \$3,350.0 \$4,690. \$3,400.0 \$4,760. NITROGEN FERT NUTR 63.0 POUND \$1.50 \$94.50 \$1.31 \$5.00 \$315.0 \$1.25 \$78.7 \$1.25 \$78.7 \$5.5 \$346.5 25000400 \$1.00 \$63.0 \$82.5 25000600 POTASSIUM FERT NUTR 63.0 POUND \$1.50 \$94.50 \$1.00 \$63.0 \$1.31 \$82.5 \$5.00 \$315.0 \$1.2 \$78.7 \$1.25 \$78.7 \$346.5 \$5.5 0.69 \$2,250.00 \$1,552.50 \$9,320.00 \$3,150.00 \$3,800.0 25100127 MULCH METHOD 3A ACRE \$6,430. \$2,173.5 \$3,500.0 \$2,415.0 \$3,000.0 \$2,070.0 \$3,000.0 \$2,070. \$2,622.0 \$50.00 \$11,500.00 \$230.0 \$27.00 \$50.00 \$35.00 AGG SUBGRADE IMPROVE CU YD \$1.00 \$6,210.0 \$11.500.0 \$38.0 \$8.740.0 \$8.050.0 \$60.0 \$13,800.0 30300001 230.0 40600290 BIT MATLS TACK CT 10.383.0 POUND \$0.50 \$5,191.50 \$1.00 \$10,383.0 \$0.01 \$103.8 \$0.01 \$103.8 \$0.0 \$103.8 \$0.0 \$103.8 \$0.0 \$103.8 70.0 \$6.00 \$3.00 \$16.00 \$1,120.0 \$23.50 \$1,645.0 \$5.0 \$1.00 \$70.0 \$6.0 40600982 HMA SURF REM BUTT JT SQ YD \$420.0 \$210. \$350.0 \$420.0 2,909.0 TON \$78.00 \$77.55 \$225,592.9 \$85.05 \$247.410.4 \$74.50 \$216.720.5 \$72.00 \$209,448.0 \$83.00 \$241,447.0 \$94.0 \$273,446.0 40603080 HMA BC IL-19.0 N50 \$226,902.00 \$84.00 40604060 HMA SC IL-9.5 D N50 1.75" 2.261.0 TON \$189.924.00 \$90.35 \$204.281.3 \$90.30 \$204.168.3 \$76.50 \$172,966,5 \$80.00 \$180,880,0 \$88.00 \$198.968.0 \$98.0 \$221,578.0 SQ FT \$45.0 \$175.00 \$0.00 \$175.00 \$0.0 \$0.00 \$0.0 42400800 **DETECTABLE WARNINGS** 0.0 \$0.0 \$0. \$0.0 \$0.0 \$0.0 \$0.0 \$0. 23,071.0 \$4.2 \$98,051.75 \$102,665.9 \$122,276.3 44000165 HMA SURF REM 4 SQ YD \$3.00 \$69,213.0 \$3.50 \$80,748.5 \$4.45 \$5.30 \$4.00 \$92,284.0 \$4.1 \$94,591.1 \$15.00 44000200 DRIVE PAVEMENT REM 699.0 SQ YD \$10 485 00 \$10.20 \$7 129 8 \$5.90 \$4 124 1 \$16.50 \$11 533 5 \$11.50 \$8,038,5 \$10.00 \$6,990,0 \$12.0 \$8,388,0 44201681 CL D PATCH T1 3 231.0 SQ YD \$45.00 \$10,395.00 \$10.00 \$2,310. \$27.75 \$6,410.2 \$25.00 \$5,775.0 \$20.0 \$4,620.0 \$20.00 \$4,620.0 \$26.0 \$6,006. \$40.00 CL D PATCH T2 3 231.0 SQ YD \$9,240.00 \$10.00 \$2,310. \$26.85 \$25.00 \$5,775.0 \$30.00 \$26.0 44201682 \$6,202.3 \$20.0 \$4,620.0 \$6,930.0 \$6,006.0 CL D PATCH T3.3 231.0 \$35.00 \$10.00 \$30.0 \$24.5 \$5 659 5 44201683 SQ YD \$8 085 00 \$2 310 \$25.25 \$5,832.7 \$25.00 \$5,775.0 \$20.0 \$4 620 0 \$6,930,0 44201684 CL D PATCH T4 3 462.0 SQ YD \$30.00 \$13,860.00 \$10.00 \$4,620. \$25.25 \$11,665.5 \$25.00 \$11,550.0 \$30.00 \$13,860.0 \$24.5 \$11,319.0 \$20.0 \$9,240.0 67100100 MOBILIZATION 0.55 L SUM \$30,333.33 \$16,666.67 \$99,088.88 \$54,444.4 \$28,450.00 \$15,631.8 \$93,083.21 \$51,144.62 \$87,350.00 \$47,994.5 \$105,636.66 \$58,042.1 \$5,000.0 \$2,747.2 **TR CONT & PROT 701501** 0.37 \$9,000.00 \$9.088.00 \$3,365. \$8,510.00 \$3.151.8 \$10,000,00 \$3,703,7 \$8,100.00 \$80,000.00 \$29.629.6 \$18,000.0 \$6,666.6 70102620 L SUM \$3,333,33 \$3,000.0 X0327611 REM & REIN BRIC PAVER 350.0 SQ FT \$26.50 \$9,275.00 \$5,880.0 \$4,200.00 \$12.50 \$4,375. \$16.80 \$12.00 \$16.0 \$5,600.0 \$16.00 \$5,600.0 \$15.0 \$5,250.0 \$500.00 X4023000 TEMP ACCESS- ROAD 9.0 EACH \$4,500.00 \$20.25 \$182.2 \$1.00 \$40.00 \$360.00 \$70.0 \$1.00 \$9.00 \$400.0 \$3,600.0 \$9.0 \$630.0 60.0 \$50.00 \$15.00 \$16.0 \$16.00 \$960.0 \$20.0 **REM & REIN TURFSTONE** SQ FT \$12.50 \$750.0 \$16.80 \$1.008.0 \$900.0 \$960.0 \$1,200.0 XX \$3,000.00 Z0004510 HMA DRIVEWAY PAVT 3 549 0 SQ YD \$65.00 \$35,685,00 \$58.35 \$32.034.1 \$23.15 \$12,709.3 \$36.00 \$19.764.00 \$42.00 \$23,058.0 \$35.00 \$19,215.00 \$24.0 \$13,176.0 Total Base Bio \$698.359.75 \$663,771,57 \$635.804.01 \$667.027.10 \$661.853.64 \$721,383,08 \$717,966.3 REM & DISP UNS MATI CU YD \$100.00 \$0.00 \$45.00 \$0.00 20201200 0.0 \$45.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.0 1.334.0 SQ YD \$6.00 \$3.15 \$5.50 \$7,337.0 \$3.0 \$3.00 21101605 TOPSOIL F & P 2 \$8.004.0 \$0.10 \$133.4 \$4,202.1 \$4,002.0 \$4.002.0 \$6.0 \$8,004.0 **GRADING & SHAP DITCH** 140.0 FOOT \$16.50 \$2,310.00 \$14.55 \$2,037.0 \$10.50 \$18.00 \$2,520.00 \$10.00 \$10.00 \$18.00 21400100 \$1,470.0 \$1,400.00 \$1,400.0 \$2,520.0 25000110 SEEDING CL 1A 0.55 ACRE \$3,750.00 \$2,062,50 \$20,146,00 \$11,080.3 \$3,555,00 \$1,955.2 \$3 100 00 \$1,705.0 \$3,350,0 \$1 842 5 \$0.55 \$0.3 \$3,400,0 \$1,870.0 25000400 NITROGEN FERT NUTR 25.0 POUND \$1.50 \$37.50 \$1.00 \$25.0 \$1.3 \$32.7 \$5.00 \$125.0 \$1.2 \$31.2 \$1.2 \$31.2 \$5.5 \$137. POTASSIUM FERT NUTR 25.0 POUND \$1.50 \$37.50 \$25.0 \$1.31 25000600 \$1.00 \$32.7 \$5.00 \$125.0 \$1.25 \$31.2 \$1.25 \$31.2 \$5.5 \$137.5 \$2,250.00 25100127 MULCH METHOD 3A 0.28 ACRE \$630.00 \$9,320.00 \$2,609.6 \$3,150.00 \$882.0 \$3.500.00 \$980.0 \$3,000.0 \$840.0 \$3,000.0 \$840.0 \$3,800.0 \$1.064.0 30300001 AGG SUBGRADE IMPROVE 0.0 CU YD \$50.00 \$0.00 \$100.00 \$0.0 \$0.00 \$0.0 \$50.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.0 \$0.0 BIT MATLS TACK CT 4,021.0 POUND \$0.50 \$2,010.50 \$4,021.0 \$0.01 \$40.2 \$0.01 \$40.2 \$40.21 \$0.01 \$40.2 \$40.21 40600290 \$1.00 \$0.01 \$0.0 \$6.00 40600982 HMA SURF REM BUTT JT 0.0 SQ YD \$0.00 \$25.00 \$0.0 \$0.00 \$0.0 \$23.50 \$0.0 \$0.0 \$0.0 \$0.00 \$0.0 \$0.0 \$0.0 40603080 HMA BC II -19 0 N50 1 125 0 TON \$78.00 \$87,750.00 \$79.10 \$88.987. \$85.05 \$95,681.2 \$74.50 \$83.812.5 \$73.0 \$82,125.0 \$83.00 \$93.375.0 \$94.0 \$105,750.0 40604060 HMA SC IL-9.5 D N50 1.75 876.0 TON \$84.00 \$73,584.00 \$89.40 \$78,314.4 \$90.30 \$79,102.8 \$76.50 \$67,014.0 \$81.00 \$70,956.0 \$89.00 \$77,964.0 \$98.0 \$85,848.00 \$45.00 20.0 42400800 DETECTABLE WARNINGS SQ FT \$900.00 \$175.00 \$3,500.0 \$100.00 \$2,000.0 \$175.00 \$3,500.0 \$330.0 \$6,600.0 \$400.00 \$8,000.0 \$100.0 \$2,000.0 44000165 HMA SURF REM 4 8 936 0 SQ YD \$4.25 \$37,978,00 \$2.90 \$25 914 4 \$3.50 \$31,276.0 \$4 45 \$39.765.2 \$5.6 \$50 041 6 \$4.00 \$35,744,0 \$4 1 \$36 637 \$15.00 44000200 DRIVE PAVEMENT REM 471.0 SQ YD \$7,065.00 \$10.20 \$4,804.2 \$5.90 \$2,778.9 \$16.50 \$7,771.5 \$11.5 \$5,416.5 \$10.00 \$4,710.0 \$12.0 \$5,652.0 \$2,225.0 \$45.00 \$10.00 \$27.75 \$30.00 44201681 CL D PATCH T1 3 89.0 SQ YD \$4,005.00 \$890.0 \$2,469.7 \$25.00 \$20.0 \$1.780.0 \$2,670.0 \$33.0 \$2,937.0 44201682 CL D PATCH T2 3 89.0 SQ YD \$40.00 \$3,560,00 \$10.00 \$890. \$26.85 \$2,389.6 \$25.00 \$2,225.0 \$20.0 \$1 780 0 \$30.00 \$2.670.0 \$33.0 \$2.937.0 \$35.00 44201683 CL D PATCH T3 3 89.0 SQ YD \$3,115.00 \$10.00 \$890.0 \$25.25 \$2,247.2 \$25.00 \$2,225.0 \$20.00 \$1,780.0 \$30.00 \$2,670.0 \$32.0 \$2,848.0 \$30.0 CL D PATCH T4 3 178.0 \$10.00 \$1.780. \$25.2 \$30.0 44201684 SQ YD \$5,340.00 \$4,494.5 \$25.00 \$4,450.0 \$20.0 \$3.560.0 \$35.0 \$6,230.0 67100100 MOBILIZATION 1.0 LSUM \$16,666,67 \$16 666 67 \$2,500,00 \$2,500. \$4 760 00 \$4 760 0 \$12 091 59 \$12 091 5 \$12 685 00 \$12 685 0 \$15 544 42 \$15 544 4 \$1,500,0 \$1,500,0 1.0 \$3,333.33 70102620 TR CONT & PROT 701501 LSUM \$3,333,33 \$415.00 \$415.0 \$450.00 \$450.0 \$100.00 \$100.0 \$200.0 \$200.0 \$6,000.00 \$6,000.0 \$2,000.0 \$2,000.00 0.0 \$26.5 X0327611 **REM & REIN BRIC PAVER** SQ FT \$0.00 \$50.00 \$12.00 \$10.0 \$0.0 \$0. \$0.00 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 \$0.0 1.0 \$500.00 X4023000 TEMP ACCESS- ROAD FACH \$500.00 \$20.25 \$20.2 \$1.00 \$1.0 \$40.00 \$40.00 \$70.00 \$70.00 \$50.00 \$50.00 \$400.0 \$400.0 0.0 \$50.00 XX **REM & REIN TURFSTONE** SQ FT \$0.00 \$50.00 \$0.0 \$0.00 \$0.0 \$15.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.0 \$0.00 443.0 \$65.00 \$15,948.0 \$24.00 Z0004510 HMA DRIVEWAY PAVT 3 SQ YD \$28,795.00 \$59.50 \$26,358.5 \$23.15 \$10,255.4 \$36.00 \$42.00 \$18,606.0 \$35.00 \$15,505.0 \$10,632.0 Alternate 1 \$287,684.00 \$255,195.55 \$246,521.61 \$254,000.00 \$263,787,31 \$276,587.43 \$279,144.8 As Read \$276,497.43 20201200 REM & DISP UNS MATL CUYD \$45.00 \$0.00 \$100.00 \$0.0 \$0.00 \$45.00 \$0.0 \$0.00 \$0.00 \$0.00 \$0.0 \$0.0 \$0.00 \$6.00 706.0 \$70.6 \$3.883.0 \$4.236.0 21101605 TOPSOIL F & P 2 SQYD \$4.236.00 \$0.10 \$3.15 \$2,223.9 \$5.50 \$3.00 \$2,118.0 \$3.00 \$2,118.0 \$6.0 21400100 40.0 FOOT \$16.50 \$14.55 \$10.50 \$18.00 \$720.0 \$10.0 \$10.0 \$30.0 **GRADING & SHAP DITCH** \$660.00 \$582. \$420. \$400.0 \$400.0 \$1,200.0 \$3,750.00 25000110 SEEDING CL 1A 0.29 ACRE \$1.087.50 \$20,146.00 \$5,842.3 \$3.555.00 \$1,030.9 \$3,100,00 \$899.0 \$3,350.00 \$971.50 \$3,350.00 \$971.5 \$3,400.0 \$986.00 13.0 \$1.50 \$65.0 NITROGEN FERT NUTR POUND \$1.2 \$16.2 \$16.2 \$5.5 \$71.5 25000400 \$19.50 \$1.00 \$13.0 \$1.3 \$17.0 \$5.00 \$1.2 25000600 POTASSIUM FERT NUTR 13.0 POUND \$1.50 \$19.50 \$1.00 \$13.0 \$1.31 \$17.0 \$5.00 \$65.00 \$1.25 \$16.25 \$1.25 \$16.2 \$5.5 \$71.5 0.15 \$2,250.00 \$3,150.00 \$472.5 25100127 MULCH METHOD 3A ACRE \$337.50 \$9,320.00 \$1,398.0 \$3,500,00 \$525.0 \$3,000.00 \$450.00 \$3,000.00 \$450.00 \$3.800.0 \$570.00 0.0 \$50.00 \$0.00 CUYD \$0.00 \$0.00 \$50.00 \$0.0 \$0.0 \$0.00 \$0.0 30300001 AGG SUBGRADE IMPROVE \$100.00 \$0.0 \$0.0 \$0.0 \$0.0 40600290 BIT MATLS TACK CT 2.164.0 POUND \$0.50 \$1,082.00 \$1.00 \$2,164.0 \$0.01 \$21.6 \$0.01 \$21.64 \$0.01 \$21.64 \$0.01 \$21.64 \$0.01 \$21.64 40.0 \$6.00 \$640.00 \$940.00

\$400.00



40603080	HMA BC IL-19.0 N50	605.0	TON	\$78.00	\$47,190.00	\$76.75	\$46,433.75	\$87.05	\$52,665.25	\$74.50	\$45,072.50	\$75.00	\$45,375.00	\$88.00	\$53,240.00	\$94.00	\$56,870.00
40604060	HMA SC IL-9.5 D N50 1.75"	471.0	TON	\$84.00	\$39,564.00	\$89.35	\$42,083.85	\$92.90	\$43,755.90	\$76.50	\$36,031.50	\$84.00	\$39,564.00	\$90.00	\$42,390.00	\$98.00	\$46,158.00
42400800	DETECTABLE WARNINGS	0.0	SOFT	\$45.00	\$0.00	\$175.00	\$0.00	\$0.00	\$0.00	\$175.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
44000165	HMA SURF REM 4	4,811.0	SQYD	\$4.25	\$20,446.75	\$2.90	\$13,951.90	\$3.50	\$16,838.50	\$4.75	\$22,852.25	\$6.10	\$29,347.10	\$4.00	\$19,244.00	\$5.00	\$24,055.00
44000200	DRIVE PAVEMENT REM	93.0	SQYD	\$15.00	\$1,395.00	\$10.20	\$948.60	\$5.90	\$548.70	\$16.50	\$1,534.50	\$11.50	\$1,069.50	\$10.00	\$930.00	\$12.00	\$1,116.00
44201681	CL D PATCH T1 3	48.0	SQYD	\$45.00	\$2,160.00	\$10.00	\$480.00	\$27.75	\$1,332.00	\$25.00	\$1,200.00	\$20.00	\$960.00	\$30.00	\$1,440.00	\$33.00	\$1,584.00
44201682	CL D PATCH T2 3	48.0	SQYD	\$40.00	\$1,920.00	\$10.00	\$480.00	\$26.85	\$1,288.80	\$25.00	\$1,200.00	\$20.00	\$960.00	\$30.00	\$1,440.00	\$33.00	\$1,584.00
44201683	CL D PATCH T3 3	48.0	SQYD	\$35.00	\$1,680.00	\$10.00	\$480.00	\$25.25	\$1,212.00	\$25.00	\$1,200.00	\$20.00	\$960.00	\$30.00	\$1,440.00	\$32.00	\$1,536.00
44201684	CL D PATCH T4 3	96.0	SQYD	\$30.00	\$2,880.00	\$10.00	\$960.00	\$25.25	\$2,424.00	\$25.00	\$2,400.00	\$20.00	\$1,920.00	\$30.00	\$2,880.00	\$31.00	\$2,976.00
67100100	MOBILIZATION	1.0	LSUM	\$16,666.67	\$16,666.67	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$8,822.61	\$8,822.61	\$7,804.00	\$7,804.00	\$8,565.33	\$8,565.33	\$1,500.00	\$1,500.00
70102620	TR CONT & PROT 701501	1.0	L SUM	\$3,333.33	\$3,333.33	\$777.00	\$777.00	\$850.00	\$850.00	\$100.00	\$100.00	\$500.00	\$500.00	\$3,000.00	\$3,000.00	\$1,500.00	\$1,500.00
X0327611	REM & REIN BRIC PAVER	0.0	SQ FT	\$26.50	\$0.00	\$50.00	\$0.00	\$0.00	\$0.00	\$12.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
X4023000	TEMP ACCESS- ROAD	3.0	EACH	\$500.00	\$1,500.00	\$20.25	\$60.75	\$1.00	\$3.00	\$40.00	\$120.00	\$70.00	\$210.00	\$1.00	\$3.00	\$400.00	\$1,200.00
XX	REM & REIN TURFSTONE	0.0	SQ FT	\$50.00	\$0.00	\$50.00	\$0.00	\$0.00	\$0.00	\$15.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Z0004510	HMA DRIVEWAY PAVT 3	93.0	SQ YD	\$65.00	\$6,045.00	\$58.40	\$5,431.20	\$23.15	\$2,152.95	\$36.00	\$3,348.00	\$42.00	\$3,906.00	\$35.00	\$3,255.00	\$30.00	\$2,790.00
Alternate 2				\$152,462.75		\$123,789.99		\$130,914.15		\$131,000.00		\$136,805.24		\$141,860.97 \$141,860.95		\$150,425.64	
Total Bid					\$1,138,506.50		\$1,042,757.11		\$1,013,239.77		\$1,052,027.10		\$1,062,446.19		\$1,139,831.48		\$1,147,536.80