



PUBLIC MEETING NOTICE AND AGENDA
COMMITTEE OF THE WHOLE MEETING
AUGUST 9, 2022
7:30 P.M

AGENDA

1. Call to Order
2. Pledge of Allegiance
3. Audience Participation
The public is invited to make an issue-oriented comment on any matter of public concern. The public comment may be no longer than 3 minutes in duration.
4. Staff Presentations
 - A. Administration
 1. Informational Item concerning Wisteria Court
 2. Request for waiver of Section 43.09, Noise, of the Lake in the Hills Municipal Code for the annual Summer Sunset Festival
 3. Issuance of a Pyrotechnic Fireworks License to Mad Bomber Fireworks for the Summer Sunset Festival
 - B. Community Development
 1. Informational Item concerning the Reconsideration of a Variation to Section 16.7 Table 5 – Signs Permitted, Height, at 220 N. Randall Road
 - C. Public Works
 1. Contract with Water Well Solutions for the Well 14 High Service Pump Rebuild
 2. Resolution/IDOT – Industrial Drive Reconstruction Project
 3. Task Order with Chastain & Associates for Engineering Services for the Industrial Drive Project
 4. Contract with Schroeder Asphalt Service for the Industrial Drive Reconstruction Project
 5. Ordinance approving Budget Amendments and a Resolution approving a Change Order with Avalon Petroleum for Fleet Fuel
5. Board of Trustees
6. Village President
7. Motion to enter into Closed Session to discuss pending litigation, administrative proceedings, and tribunals, pursuant to 5 ILCS 120/2(c)(11).
8. Adjournment

MEETING LOCATION
Lake in the Hills Village Hall
600 Harvest Gate
Lake in the Hills, IL 60156

The Village of Lake in the Hills is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations so that they can observe and/or participate in this meeting, or who have questions regarding the accessibility of the meeting or the Village's facilities, should contact the Village's ADA Coordinator at (847) 960-7410 [TDD (847) 658-4511] promptly to allow the Village to make reasonable accommodations for those persons.

Posted by: _____ Date: _____ Time: _____



INFORMATIONAL MEMORANDUM

MEETING DATE: August 9, 2022
DEPARTMENT: Administration
SUBJECT: 3910 Wisteria Ct. Driveway Concerns

EXECUTIVE SUMMARY

At the June 9, 2022 Committee of the Whole meeting, Trustee Harfinger requested that staff assess two manholes that are located in the driveway of 3910 Wisteria Ct. The presence of the infrastructure appears to be compromising the condition of the adjacent pavement as shown in the picture below:



While the manhole on the left is a Village storm sewer, the one on the right is a sanitary sewer. As such, Village staff engaged the Lake in the Hills Sanitary District to assist in the assessment. The first step was to perform a leak dye test, which revealed no leakage and structurally sound manholes. The storm sewer line was televised and showed no defects and was clean. The sanitary sewer line was also televised and showed no defects.

The Sanitary District received a verbal estimate from their engineer of \$25,000 - \$30,000 and felt that moving the structures would be a mistake. The Village engaged our engineer to provide a more detailed estimate of the cost

associated with moving the structures from the driveway into the roadway. Their analysis has been attached for your review. The total estimated cost for the project would be \$25,960 to move both structures.

As an alternative, staff asked the engineer to provide a cost estimate to repave the driveway. The engineer responded with an estimate of \$10,600, which includes only the portion of the driveway up to the right of way. No other solutions were able to be identified by the engineer to assist in resolving the resident's concerns.

The issue for discussion is what level of involvement the Village should have in this type of situation where infrastructure has been previously approved to be located within a resident's driveway. Options include the following:

- 1) \$25,960 - Relocate both manholes to the street. Not recommended due to cost and the infrastructure being in sound working condition. In addition, the Sanitary District is not supportive of relocation.
- 2) \$10,600 - Repave the failing portion of the homeowner's driveway up to the right of way. This remains a very costly option for the Village to consider.
- 3) \$2,500 – Cost sharing agreement with the homeowner where the Village would cover the cost of the manhole replacements up to this amount, while the resident covers the cost to repave the full length of the driveway as they would under normal circumstances.
- 4) \$0 - Do nothing. Homeowners are generally required to repave the full length of their driveways without financial support from the Village; however, driveways do not often include Village infrastructure. The cost to the homeowner would likely be less than the engineer's estimate, as they would not be required to pay prevailing wages.

Perhaps the developer should have designed the infrastructure in the street at the time the development plan was established; however, the Village should have considered this at the time of approval. Further, the homeowner made the purchase with the knowledge the infrastructure was in the driveway.

Staff does not currently have a count of the number of driveways similarly impacted throughout the Village. Any solution implemented at 3910 Wisteria Ct. may need to be similarly offered to others if the concern were raised.

FINANCIAL IMPACT

Varies as outlined above.

ATTACHMENTS

Engineer's estimates

SUGGESTED DIRECTION

Staff is seeking direction from the Board on how to proceed.

Christopher B. Burke Engineering, Ltd.
 9575 West Higgins Road, Suite 600
 Rosemont, IL 60018

**LAKE IN THE HILLS
 WISTERIA COURT**

ENGINEER'S OPINION OF PROBABLE COST
 DATE: June 27, 2022

ITEM NO.	ITEM	UNIT	UNIT PRICE	SANITARY IMPROVEMENTS (PROPOSED STRUCTURES)		STORM IMPROVEMENTS (PROPOSED STRUCTURES)		TOTAL PROJECT	
				QUANTITY	TOTAL COST	QUANTITY	TOTAL COST	QUANTITY	TOTAL
1	TRENCH BACKFILL, SPECIAL	CU YD	\$ 50.00	5	\$ 250.00	5	\$ 250.00	10	\$ 500.00
2	GENERAL LANDSCAPE RESTORATION	L. SUM	\$ 1,000.00	1	\$ 1,000.00	0	\$ -	1	\$ 1,000.00
3	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	\$ 90.00	0	\$ -	20	\$ 1,800.00	20	\$ 1,800.00
4	SANITARY SEWER, 12"	FOOT	\$ 90.00	10	\$ 900.00	0	\$ -	10	\$ 900.00
5	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME, OPEN	EACH	\$ 3,500.00	0	\$ -	1	\$ 3,500.00	1	\$ 3,500.00
6	CLASS D PATCHING	SQ YD	\$ 70.00	5	\$ 350.00	0	\$ -	5	\$ 350.00
7	CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	\$ 25.00	15	\$ 375.00	15	\$ 375.00	30	\$ 750.00
8	MANHOLE, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	\$ 4,000.00	1	\$ 4,000.00	0	\$ -	1	\$ 4,000.00
9	HMA DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	\$ 75.00	20	\$ 1,500.00	0	\$ -	20	\$ 1,500.00
10	SANITARY SEWER SERVICE CONNECTION	EACH	\$ 750.00	2	\$ 1,500.00	0	\$ -	2	\$ 1,500.00
11	STRUCTURE TO BE REMOVED	EACH	\$ 1,250.00	1	\$ 1,250.00	1	\$ 1,250.00	2	\$ 2,500.00
				SUBTOTAL=	\$ 11,125.00	SUBTOTAL=	\$ 7,175.00	SUBTOTAL=	\$18,300.00

*INDICATES SPECIAL PROVISION

CONTINGENCY (20%)=	\$ 2,225.00	CONTINGENCY (20%)=	\$ 1,435.00	CONTINGENCY (20%)=	\$ 3,660.00
CONSTRUCTION TOTAL =	\$ 13,350.00	CONSTRUCTION TOTAL =	\$ 8,610.00	CONSTRUCTION TOTAL =	\$21,960.00

NOTES:

1. THIS ESTIMATE ONLY INCLUDES DRIVEWAY PAVING UP TO THE RIGHT OF WAY.
2. THIS ESTIMATE ASSUMES THAT IF THE STORM MH IS REMOVED, THE SANITARY WILL BE AS WELL SO THAT THE DRIVEWAY PATCHING IS NOT DOUBLE COUNTED.

ENGINEERING = \$ 2,500.00
 PERMITTING = \$ 1,500.00
PROJECT TOTAL = \$25,960.00

Christopher B. Burke Engineering, Ltd.
 9575 West Higgins Road, Suite 600
 Rosemont, IL 60018

Calc'd By: WBL
 Checked By: JMD

**LAKE IN THE HILLS
 WISTERIA COURT**

ENGINEER'S OPINION OF PROBABLE COST

DATE: June 27, 2022

ITEM NO.	ITEM	UNIT	UNIT PRICE	SANITARY IMPROVEMENTS (BURIED MANHOLE)		STORM IMPROVEMENTS (BURIED MANHOLE)		TOTAL PROJECT	
				QUANTITY	TOTAL COST	QUANTITY	TOTAL COST	QUANTITY	TOTAL COST
1	HMA DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	\$ 75.00	20	\$ 1,500.00	0	\$ -	20	\$ 1,500.00
2	GENERAL LANDSCAPE RESTORATION	L. SUM	\$ 1,000.00	1	\$ 1,000.00	0	\$ -	1	\$ 1,000.00
3	AGGREGATE (BACKFILL)	CY	\$ 50.00	5	\$ 250.00	5	\$ 250.00	10	\$ 500.00
4	STRUCTURE TO BE REMOVED	EACH	\$ 1,250.00	1	\$ 1,250.00	1	\$ 1,250.00	2	\$ 2,500.00
				SUBTOTAL=	\$ 4,000.00	SUBTOTAL=	\$ 1,500.00	SUBTOTAL=	\$ 5,500.00

*INDICATES SPECIAL PROVISION

CONTINGENCY (20%)=	\$ 800.00	CONTINGENCY (20%)=	\$ 300.00	CONTINGENCY (20%)=	\$ 1,100.00
CONSTRUCTION TOTAL =	\$ 4,800.00	CONSTRUCTION TOTAL =	\$ 1,800.00	CONSTRUCTION TOTAL =	\$ 6,600.00

NOTES:

1. THIS ESTIMATE ONLY INCLUDES DRIVEWAY PAVING UP TO THE RIGHT OF WAY.
2. THIS ESTIMATE ASSUMES THAT IF THE STORM MH IS REMOVED, THE SANITARY WILL BE AS WELL SO THAT THE DRIVEWAY PATCHING IS NOT DOUBLE COUNTED.

ENGINEERING =	\$ 2,500.00
PERMITTING =	\$ 1,500.00
PROJECT TOTAL =	\$ 10,600.00



REQUEST FOR BOARD ACTION

MEETING DATE: August 9, 2022

DEPARTMENT: Administration

SUBJECT: Waiver of Section 43.09, Noise, of the Lake in the Hills Municipal Code

EXECUTIVE SUMMARY

The annual Summer Sunset Festival will be held Friday, September 2, 2022 to Sunday, September 4, 2022 at Sunset Park, 5200 Miller Road. This Village event offers musical entertainment throughout the weekend, a carnival, fireworks display and utilizes a sound system to make various announcements. The planning Committee for the event is requesting the Village Board waive the provisions of Section 43.09 of the Municipal Code to allow for festival activities, including music and announcements through 11:00 p.m. each day of the event at Sunset Park.

FINANCIAL IMPACT

None.

ATTACHMENTS

None.

RECOMMENDED MOTION

Motion to grant a waiver to Section 43.09, Noise, of the Municipal Code to allow for festival activities, including music and announcements through 11:00 p.m. on Friday, September 2, Saturday, September 3, and Sunday, September 4, 2022 at Sunset Park.



REQUEST FOR BOARD ACTION

MEETING DATE: August 9, 2022

DEPARTMENT: Administration

SUBJECT: Issuance of a Pyrotechnic Fireworks License to Mad Bomber Fireworks for the Summer Sunset Festival

EXECUTIVE SUMMARY

The Village issued a Request for Proposal for the Summer Sunset Festival Fireworks Display to be held on September 5, 2021 and September 4, 2022. The proposal from Mad Bomber Fireworks provided thirty (30) minutes of displays with a shell count of nearly 2900 that includes 123 shells that are either 5" or 6". Mad Bombers has submitted the required "Application for License for Public Displays of Fireworks, Pyrotechnics or Other Explosives." Their application has been reviewed by staff, who has confirmed that the Village is in receipt of the required documents. In addition, the applicant has provided proof of approval of the proposed display by the Fire Marshall of the Huntley Fire Protection District.

The applicant has requested a waiver of the \$250 application fee, which is consistent with the Village's practice in prior years. Having met all of the Village's requirements, staff is recommending the Board approve the application and waive the \$250 application fee as requested.

FINANCIAL IMPACT

FY2022 includes \$15,000 for the fireworks for the Summer Sunset Festival. The agreement with Mad Bomber Fireworks is \$15,000.

ATTACHMENTS

1. Mad Bomber Proposal Response
2. Application for License for Public Displays of Fireworks, Pyrotechnics or Other Explosives
3. Requesting waiver of \$250.00 Application Fee

RECOMMENDED MOTION

Motion to accept the proposal, issue a pyrotechnic fireworks license and waive the application fee for Mad Bomber Fireworks for Summer Sunset Festival.

EXHIBIT B

FIREWORKS DISPLAY PROPOSAL

OPENING BARRAGE

Shell Information:	Quantity		Size (in inches)	Description/Type of Shell
	36	x	3"	Please see attached paperwork
	3	x	4"	
	2	x	5"	
	1	x	6"	
		x		
Total Shells:	42			
Length (in minutes):	45 seconds			

SPECIAL FLIGHTS & BARRAGES

Shell Information:	Quantity		Size (in inches)	Description/Type of Shell
	2060	x	2"	Please see attached paperwork
	45	x	3"	
	18	x	4"	
	3	x	5"	
		x		
Total Shells:	2126			
Length (in minutes):	8 minutes			

MAIN DISPLAY

Shell Information:	Quantity		Size (in inches)	Description/Type of Shell
	132	x	3"	Please see attached paperwork
	116	x	4"	
	66	x	5"	
	18	x	6"	
		x		
Total Shells:	332			
Length (in minutes):	18 Minutes			

MIDWAY BARRAGE

Shell Information:

Quantity		Size (in inches)	Description/Type of Shell
<u>72</u>	x	<u>3"</u>	<u>Please see attached paperwork</u>
<u>8</u>	x	<u>4'</u>	<u></u>
<u>3</u>	x	<u>5"</u>	<u></u>
<u></u>	x	<u></u>	<u></u>
<u></u>	x	<u></u>	<u></u>

Total Shells:83**Length (in minutes):**1 minute 15 seconds**GRAND FINALE**

Shell Information:

Quantity		Size (in inches)	Description/Type of Shell
<u>288</u>	x	<u>3"</u>	<u>Please see attached Paperwork</u>
<u>18</u>	x	<u>4"</u>	<u></u>
<u>10</u>	x	<u>5"</u>	<u></u>
<u>2</u>	x	<u>6"</u>	<u></u>
<u></u>	x	<u></u>	<u></u>

Total Shells:318**Length (in minutes):**2 minutes 20 seconds**GRAND TOTAL LENGTH (in minutes):**30 Minutes**GRAND TOTAL SHELLS:**2895**TOTAL SUM FOR DISPLAYS:**\$ 15,000.00

Display may also be modified to a shorter duration by shooting multiple events at a time to make a more exciting and dynamic show. This recommendation would be a 25 minute display.



VILLAGE OF LAKE IN THE HILLS
 APPLICATION FOR LICENSE FOR PUBLIC DISPLAYS OF FIREWORKS,
 PYROTECHNICS OR OTHER EXPLOSIVES

Attached to this Application is a full copy of Chapter 43, Section 43.06 of the Lake in the Hills Municipal Code. Please review this to ensure that your application meets all criteria.

Applicant: Submit this application and the following additional items to the Village Clerk's Office, Village of Lake in the Hills, 600 Harvest Gate, Lake in the Hills, Illinois 60156; Phone (847) 960-7410. Application must be submitted to the Village Clerk with supporting documentation at least fifteen (15) business days in advance of the proposed date of the display. Once the application has been approved, the Village will forward you a copy which will serve as evidence of your permit. This copy must be made available upon request during the Public Display.

1. A current BATFE license for distribution to display fireworks.
2. A copy of the Pyrotechnic license issued by the State of Illinois and a list of Pyrotechnic licenses issued to the Applicant by other states.
3. Proof of insurance coverage for General Liability of \$1,000,000 per occurrence with a \$2,000,000 aggregate and an additional \$1,000,000 excess umbrella policy, Worker's Compensation with statutory levels and employer's liability of \$500,000 per occurrence. All Certificates of Insurance must have the Village of Lake in the Hills listed as an additional insured.
4. Proof of a current United States Department of Transportation (USDOT) Identification Number and Hazardous Materials Registration Number.
5. Proof that the applicant is eighteen years of age.
6. Application fee in the amount of \$250.00.
7. Proof of approval of such proposed display by the Chief of the Fire Protection District that has jurisdiction where the display will be conducted.
8. Depiction of the site where the proposed pyrotechnic display will be conducted drawn to scale.

Applicant Name: MARK LOEWE
 Company Name: MAD BOMBER FIREWORKS, INC FEIN: 35-2648232
 Address: 3999 HUPP RD R-3-1 URBTE, IN 46350
 Phone Number: 877-623-2662 Date of Birth: 8-14-1960

Individual in charge of firing the display: (licensed lead pyrotechnic operator)
 Name: MARK LOEWE
 Address: 411 WINDERMERE WAY
 Phone Number: 847-354-5105 Date of Birth: 08-14-1960

Experience of Individual in charge of firing the display: LEAD PYROTECHNICIAN SINCE 1995, STATE LICENSED LEAD OPERATOR, WITH OVER 300 DISPLAYS UNDER MY SUPERVISION.

Date and Time of day at which display is to be held: 4TH SEPTEMBER 2022
AT APPROXIMATELY 2100 HRS

Numbers and Kinds of Fireworks to be Discharged:

FROM 2021,

SEE SUBMITTED PROPOSAL

Manner and Place of Storage of Fireworks Prior to the Display:

STATE AND FEDERAL LICENSED STORAGE MAGAZINE, IN UNINCORPORATED HUNSTLEY, ILLINOIS

In the past 24 months, has anyone listed above received a citation for, been convicted of, or entered a guilty plea to violation(s) of the State of Illinois Fireworks Act, Federal Fireworks Laws and Regulations, other States' Firework Laws, or any court order relating to the sale or offer to sell of wholesale or retail fireworks?

Yes No

IF YES, PROVIDE DETAILS: _____

I swear that the statements made on this application are correct according to the best of my knowledge and belief. I further affirm that I am not currently in default of any financial obligation to the Village of Lake in the Hills. The Service Provider will hold the Village of Lake in the Hills harmless for any and all claims.

(Applicant's Signature)

(Date)

7-12-2022

Subscribed and sworn to before me this

12 day of July, 2022

Notary Public

Jessica Jessogne



By: _____

Village President

Attest: _____

Village Clerk

MAD BOMBER

FIREWORKS PRODUCTIONS

411 Windermere Way * Lake in the Hills, IL 60156 * (847) 354-5105
mark@madbomberfireworks.com

Nancy Sujet
Village of Lake in the Hills
600 Harvest Gate
Lake in the Hills, IL 60156

July 11, 2022

Nancy,

Enclosed please find the contract between the Village of Lake in the Hills and Miand Inc, DBA: Mad Bomber Fireworks for this display. Please have it signed, and returned to me as soon as possible making a copy your records. This will ensure that our insurance carrier covers all insured parties for this year's Sunset Fest fireworks display.

Also enclosed is a completed, signed and notarized application for license for public display of Fireworks. As with our application last year, I would like to request a waiver of the \$250.00 fee.

If you have any questions of concerns, please contact me at any of the above methods.

Sincerely,

Mark L. Loewe





INFORMATIONAL MEMORANDUM

MEETING DATE: August 9, 2022

DEPARTMENT: Community Development

SUBJECT: Reconsideration of a Variation to Section 16.7 Table 5 - Signs Permitted, Height, at 220 North Randall Road

EXECUTIVE SUMMARY

At the July 26, Committee of the Whole meeting, staff presented a request from Mark Hoffman for a variation to Section 16.7 Table 5 - Signs Permitted, Height, for an additional 7 feet beyond the maximum 8 feet height allowed for a ground sign in the B-2 Business district. The motion to approve the request was denied at the July 28 Board of Trustees meeting, with Trustees expressing concerns with the overall height of the sign.

Staff met with Mr. Hoffman to determine whether he would be willing to reduce the height of the proposed sign and move it as close as possible to the property line to increase its visibility. Mr. Hoffman was very willing and open to making adjustments that would better align with the requests of the Board. As such, the original ordinance could be reconsidered on Thursday, August 11 following the procedures below:

- 1) Motion to suspend the prohibition of reconsidering the July 28 Board action on the sign variation for 220 North Randall Road. This action would require a 2/3 vote of the Board.
- 2) Motion to reconsider the July 28 Board action on the sign variation for 220 North Randall Road. A motion to reconsider would require that the motion and second be made by Trustees Bojarski, Anderson, Murphy, or Dustin.
- 3) Motion to approve Ordinance No. 2022-___, An Ordinance Granting a Variation to Section 16.7 Table 5 - Signs Permitted, at 220 No. Randall Rd, PIN 19-30-276-006, to allow for a sign. Prior to vote, a new Motion would need to be made to Amend this Ordinance as follows:
 - a. The proposed sign would be reduced from 20 to 15 feet in height, as measured from the base of the sign. Therefore, the variation being requested would change from 16 to 7 feet in height, measured from the base of the sign.

FINANCIAL IMPACT

None

ATTACHMENTS

1. Ordinance, amended to include changes outlined above.

SUGGESTED DIRECTION

Staff is seeking the Board's direction on how they would prefer to proceed with this item.

VILLAGE OF LAKE IN THE HILLS

ORDINANCE NO. 2022 - ____

**An Ordinance Granting a Variation to Section 16.7
Table 5 - Signs Permitted, at 220 N. Randall Road,
PIN 19-30-276-006, to allow for a Sign**

WHEREAS, the Village of Lake in the Hills, McHenry County, Illinois (the "Village"), is a home rule municipality as contemplated under Article VII, Section 6, of the Constitution of the State of Illinois, and the passage of this Ordinance constitutes an exercise of the Village's home rule powers and functions to regulate for the protection of the public health, safety, morals, and welfare, as granted in the Constitution of the State of Illinois; and

WHEREAS, Mark Hoffman, applicant at the subject property at 220 North Randall Road, petitioned the Village of Lake in the Hills requesting a variation to 16.7 Table 5 - Signs Permitted to allow for a sign; and

WHEREAS, a public hearing was held by the Village of Lake in the Hills Planning and Zoning Commission, after due notice in the manner provided by law; and

WHEREAS, the Planning and Zoning Commission, after deliberation, has made a report and its recommendation relative to the rezoning for the subject property; and

WHEREAS, the President and Board of Trustees of the Village of Lake in the Hills have considered the report of the Planning and Zoning Commission and all of the evidence presented by the petitioner at the public hearing before the Commission; and

NOW, THEREFORE, Be it ordained by the President and Board of Trustees of the Village of Lake in the Hills, McHenry County, Illinois that:

SECTION 1: The Corporate Authorities find that the statements in the foregoing preamble are true.

SECTION 2: The findings and recommendations of the Planning and Zoning Commission on the question of granting a variation to Section 16.7 Table 5 - Signs Permitted to allow for a sign at 220 North Randall Road, PIN 19-30-276-006, is hereby incorporated.

SECTION 3: Approval of the Variation from Section 16.7 Table 5 - Signs Permitted, for an additional ~~16-7~~ feet above the maximum allowable height of 8 feet to allow for a ~~20-15~~ foot high sign structure, measured from the base of the sign, at 220 N. Randall Road, PIN 19-30-276-006, with the following conditions, is hereby granted on the subject property, with the understanding the variation for the sign does not relieve the owner from complying with all other setbacks of the Village, the required distance from the front lot line and that the sign shall be constructed approximately at the location indicated on the submitted land title survey. Based on the heights of surrounding single-tenant commercial signs, the applicant's request for a variation of an additional ~~16-7~~ feet in height from the maximum allowable standards, as measured from the base of the sign, is hereby approved.

SECTION 4: Conditions. The approval granted in this Ordinance is granted expressly and specifically subject to the following conditions:

1. 1.—The changeable copy portion of the sign shall not be used to direct attention to a business, commodity, service, or entertainment conducted, sold or offered at a location other than the premises on which the sign is located.
2. The sign base shall be located within 17 feet of the driveway accessing North Randall Road and within 13 feet of the eastern property line along North Randall Road.

SECTION 5: All other requirements set forth in the Zoning Ordinance of the Village of Lake in the Hills, as would be required by the Village as to any owner of property zoned in the same manner as the Subject Property shall be complied with.

SECTION 6: If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgement shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall continue in full force and effect.

SECTION 7: All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 8: This ordinance shall be in full force and effect upon its passage, approval and publication in pamphlet form (which publication is hereby authorized) as provided by law.

Passed this ~~28th~~11th day of ~~July~~August, 2022 by roll call vote as follows:

	Ayes	Nays	Absent	
	Abstain			
Trustee Stephen Harlfinger	_____	_____	_____	_____
Trustee Bob Huckins	_____	_____	_____	_____
Trustee Bill Dustin	_____	_____	_____	_____
Trustee Suzette Bojarski	_____	_____	_____	_____
Trustee Diane Murphy	_____	_____	_____	_____
Trustee Wendy Anderson	_____	_____	_____	_____
President Ray Bogdanowski	_____	_____	_____	_____

APPROVED THIS ~~28th~~11th DAY OF ~~JULY~~AUGUST, 2022

Village President, Ray Bogdanowski

(SEAL)

ATTEST: _____
Village Clerk, Shannon DuBeau

Published: _____



REQUEST FOR BOARD ACTION

MEETING DATE: August 9, 2022
DEPARTMENT: Public Works
SUBJECT: Well 14 High Service Pump Rebuild

EXECUTIVE SUMMARY

Staff seeks Board approval to award a contract to Water Well Solutions Illinois of Elburn, IL for the Well 14 high service pump repair project in the not-to-exceed amount of \$29,998.00.

It is an industry best practice to replace or rebuild high service pumps every 10 years and staff has found that rebuilding is more cost-effective than replacement. Village staff released a Request for Proposal (RFP) for this project on July 11, 2022 and received and opened three sealed proposals on July 27, 2022. Water Well Solutions Illinois of Elburn, IL was the lowest responsible bidder at \$29,998.00. The Village has used Water Well Solutions Illinois in the past and has been satisfied with the services provided. The RFP results, a recommendation letter, and the bid certification form are attached for your review.

FINANCIAL IMPACT

The 2022 Village Budget includes \$32,000.00 for this project. The total cost for this project is \$29,998.00, which is \$2,002.00 under budget.

ATTACHMENTS

1. RFP Results
2. Recommendation Letter
3. Bid Certification Form

RECOMMENDED MOTION

Motion to award a contract to Water Well Solutions Illinois of Elburn, IL for the Well 14 high service pump repair project in the not-to-exceed amount of \$29,998.00.

Lake in the Hills Public Works Department

MEMORANDUM

To: Ryan McDillon, Public Works Director
From: Kevin Rivera, Water Division Superintendent
Date: July 27, 2022
Subject: RFP Bid Results – Well 14 High Service Pump Rebuild

The bid opening for the Well 14 High Service Pump Rebuild RFP was held at the Village of Lake in the Hills Public Works Facility today at 9:00 a.m. A vendor was in attendance, William Pendzinski – Water Well Solutions. Village staff in attendance were Kevin Rivera – Water Division Superintendent, Peter D’Agostino – Administrative Services Manager, and Stephanie Raupp – Administrative Specialist I, acting as recorder. Peter read the RFP bid amounts as follows:

Company	Bid	Addendum
Omni-Pump Repairs, Inc. 9224 Chestnut Avenue Franklin Park, IL 60131	\$58,500.00	Yes
Midwest Well Services, Inc. dba: Municipal Well & Pump 1212 Storbeck Drive Waupun, WI 53963	\$30,890.00	Yes
Water Well Solutions Illinois LLC 825 North Street Elburn, IL 60119	\$29,998.00	Yes

The RFP opening concluded at 9:05 a.m. The RFP submittal will be reviewed by Village staff and staff plan to make a recommendation to the Village Board of Trustees at an upcoming Committee of the Whole Meeting.

Lake in the Hills Public Works Department

MEMORANDUM

To: Ryan McDillon, Director of Public Works
From: Kevin Rivera, Water Superintendent
Date: July 27th, 2022
Subject: Recommendation for Water Well Solutions Illinois LLC

I recommend Water Well Solutions Illinois LLC out of Elburn, IL to rebuild the High Service Pump at Well 14.

Village staff released a Request for Proposal (RFP) for the Rebuild of Well 14 High Service Pump on July 11th 2022. It is recommended to replace the High Service Pump every 10 years but due to the condition of the pump, it is more cost effective to rebuild then to replace. Public Works received and opened three sealed proposals on July 27, 2022.

The 2022 Village Budget includes \$32,000.00 for the Rebuild of the High Service Pump for Well 14 in the Water Fund, Water Well Solutions Illinois of Elburn, IL was the lowest responsible bidder at \$29,998.00. The Village has used Water Well Solutions Illinois LLC before and has been satisfied with the product and the company.

APPENDIX 4

VILLAGE OF LAKE IN THE HILLS
BID CERTIFICATION FORM
Well 14 High Service Pump Rebuild

CONTRACTOR'S NAME: Water Well Solutions Illinios LLC

ADDRESS: 825 E North St Elburn IL 60119

1. COST OF WORK:

The undersigned, having familiarized [himself/herself] with conditions affecting the cost of the work and its performance and having carefully examined and fully understood the INSTRUCTION TO BIDDERS, hereby affirms and agrees to enter into a contract with the Village of Lake In The Hills, Illinois;

The undersigned hereby also certifies that in accordance with 710 ILCS 7/33E-11 that the Bidder is not barred from submitting a bid for this contract as a result of a violation of either Section 33E-3 or Section 33E-4 concerning bid rigging, bid rotating, kickbacks, bribery and other interference with public contracts;

To PROVIDE all supervision, labor, material, equipment, and all other expense items to perform completely the entire work covered by all specifications for the entire work;

FOR THE LUMP SUM OF Twenty-nine thousand nine hundred ninety-eight and ⁰⁰/_{100ths} Dollars (\$ 29,998.00)

2. COSTS:

The undersigned hereby affirms and states that the prices quoted herein constitute the total cost to the Village for all work involved in the respective items and that this cost also includes all insurance, royalties, transportation charges, use of all tools and equipment, superintendence, overhead expense, all profits, and all other work, services, and conditions necessarily involved in the work to be done and materials to be furnished in accordance with the requirements of the contract documents considered severally and collectively. All bids shall be held valid for a period of 60 days after the bid due date.

The undersigned hereby also certifies that this bid is genuine and not collusive or sham; that said Bidder has not colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder or person, to put in a sham bid or to refrain from submitting a bid; and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference with any person, to fix the proposed price elements of said bid, or that of any other Bidder, or to secure any advantage against any other Bidder or any person interested in the proposed contract.

The undersigned hereby also certifies in accordance with 65 ILCS 5/11-42.1-1 that the Bidder is not delinquent in the payment of any tax administered by the Illinois Department of Revenue, unless the amount and/or liability is being properly contested in accordance with the procedures established by the appropriate revenue act

The undersigned hereby also certifies in accordance with 720 ILCS 5/33 E that the Bidder will not participate in bid rigging and/or rotating, kickbacks, bribery, and other related interference with public contracts. The statute requires that a certification by submitted by a bidder specifically attesting to the provisions of 5/33E-3 and 5/33E-4.

The undersigned hereby also certifies in accordance with 775 ILCS 5/2-105 that the Bidder must furnish evidence of adoption of a written policy on sexual harassment pursuant to the statute. The Village's interpretation of this statute is that such a policy does not have to be submitted with the bid, but the Bidder must have one in order to receive a contract.

The undersigned hereby also certifies that the bid is in compliance with all other applicable federal, state, and local laws.

3. DELIVERY REQUIREMENTS:

The undersigned hereby affirms and states that the prices listed as "Delivered and Installed" are the unit and total costs for the delivery of item(s) to their designated locations ready for use.

4. SPECIFICATIONS:

The undersigned will furnish all labor, material, equipment, and services necessary for said Well 14 High Service Pump Rebuild, in accordance with the following specifications and drawings (if required) as attached.

5. CONDITIONS:

- A. The Village is exempt from federal excise tax and the Illinois Retailers' Occupation Tax. The undersigned hereby certifies that this proposal does not include any amounts of money for these taxes.
- B. To be valid, bids shall be itemized so that selection for purchase may be made, there being included in the price of each item the cost of delivery, insurance, bonds, overhead, and profit.
- C. The Village shall reserve the right to add to or deduct from the base bid and/or alternate bid any item at the prices indicated in the itemization of bid.

Dated at 5:00 pm this 20th day of July, 2022

By: [Signature]
(signature)

Its: Vice President
Title

Todd Kerry, being duly sworn, deposes and states that he/she is the Vice
President of Water Well Solutions and that the statement above is

true and correct. Subscribed and sworn before me this 20th day of July, 2022

(NOTARY STAMP) Nanette S Eckley
Notary Public



VILLAGE OF LAKE IN THE HILLS

Accepted this _____ day of _____, 20__

By: _____
(signature)



REQUEST FOR BOARD ACTION

MEETING DATE: August 09, 2022

DEPARTMENT: Public Works

SUBJECT: Approval of IDOT forms for the Industrial Drive Reconstruction Project

EXECUTIVE SUMMARY

Staff seeks Board approval of the following Illinois Department of Transportation (IDOT) forms for the Industrial Drive reconstruction project: the Resolution for Improvement form, and the Request for Expenditure/ Authorization form.

In 2019, Gov. JB Pritzker signed the REBUILD Illinois (RBI) capital program into law which created funding for infrastructure improvements across the State of Illinois. Part of the RBI program includes dispersing RBI bond funds, from 2020 through 2022, to municipalities to fund capital projects, based on population size. The Village received \$642,080.06 in RBI bond funds in 2020 and again in 2021, and expects to receive a total of \$1,926,240.18 in RBI bond funds by the end of 2022. While municipalities cannot use RBI bond funds to pay for roadway resurfacing projects, the funds can be used to pay for road reconstruction projects and related engineering work.

To use RBI bond funds, IDOT requires that the Village Board of Trustees appropriate the funds by approving two IDOT forms. As shown on the forms, the total amount of RBI bond funds the Village plans to use this year is \$1,358,531.85, consisting of construction and engineering services. The construction portion of the work accounts for \$1,258,346.85 and the engineering portion of the work accounts for the remaining \$100,185.00 for construction supervision and material testing services.

FINANCIAL IMPACT

The financial impact of the services required for the Industrial Drive reconstruction project are discussed in the Request For Board Action memorandum requesting approval to enter into a contract award for the construction portion of the project and also the engineering portion of the project.

ATTACHMENTS

1. IDOT Resolution for Improvement form
2. IDOT Request for Expenditure/ Authorization form

RECOMMENDED MOTION

Motion to approve the following Illinois Department of Transportation (IDOT) forms for the Industrial Drive reconstruction project: the Resolution for Improvement form, and the Request for Expenditure/Authorization form.



Resolution for Improvement Under the Illinois Highway Code

Is this project a bondable capital improvement?
[X] Yes [] No

Resolution Type: Original, Resolution Number, Section Number: 22-00040-00-RS

BE IT RESOLVED, by the President and Board of Trustees of the Village of Lake in the Hills, Illinois that the following described street(s)/road(s)/structure be improved under the Illinois Highway Code. Work shall be done by Contract.

For Roadway/Street Improvements:

Table with 5 columns: Name of Street(s)/Road(s), Length (miles), Route, From, To. Rows include Industrial Drive, Walter Court, and Prosper Court.

For Structures:

Table with 5 columns: Name of Street(s)/Road(s), Existing Structure No., Route, Location, Feature Crossed.

BE IT FURTHER RESOLVED,

1. That the proposed improvement shall consist of

Pavement structural overlay, addition of storm sewers, ditch grading to restore proper drainage, pavement patching, curb and gutter repair, driveway apron patching and ancillary improvements required to complete the project.

2. That there is hereby appropriated the sum of One Million, Three Hundred Fifty-Eight Thousand, Five Hundred Thirty-One Dollars and 85/100 Dollars (\$1,358,531.85) for the improvement of said section from the Local Public Agency's allotment of Motor Fuel Tax funds.

BE IT FURTHER RESOLVED, that the Clerk is hereby directed to transmit four (4) certified originals of this resolution to the district office of the Department of Transportation.

I, Shannon DuBeau, Village Clerk in and for said Village of Lake in the Hills.

of Lake in the Hills in the State aforesaid, and keeper of the records and files thereof, as provided by statute, do hereby certify the foregoing to be a true, perfect and complete original of a resolution adopted by

President and Board of Trustees of Lake in the Hills at a meeting held on [Date].

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this [Day] day of [Month, Year].



**Illinois Department
of Transportation**

(SEAL)

**Resolution for Improvement
Under the Illinois Highway Code**

Clerk Signature & Date

Approved

Regional Engineer Signature & Date
Department of Transportation



Local Public Agency Lake in the Hills	Type Village	County McHenry	Section Number 22-00040-00-RS
--	-----------------	-------------------	----------------------------------

I hereby request authorization to expend Motor Fuel Tax Funds as indicated below:

Purpose	Motor Fuel Tax Amount	Rebuild Illinois Amount
County Engineer/Superintendent Salary & Expenses		n/a
Contract Construction		\$1,258,346.85
Day Labor Construction		
Engineering		\$100,185.00
Engineering Investigations		
IMRF/Social Security		n/a
Maintenance		
Maintenance Engineering		
Obligation Retirement		n/a
Other		
Right-of-Way (Itemized on 2nd page)		
TOTAL		\$1,358,531.85

Comments

Approval for RBI expenditure to cover construction and construction engineering costs for Industrial Drive improvements under Section 22-00040-00-RS.

Local Public Agency Official Signature & Date

Title

Approved

Regional Engineer Signature & Date
Department of Transportation

Department of Transportation Use

Entered By	Date



REQUEST FOR BOARD ACTION

MEETING DATE: August 09, 2022

DEPARTMENT: Public Works

SUBJECT: Engineering Services Task Order for Industrial Drive Project

EXECUTIVE SUMMARY

Staff seeks Board approval of a task order with Chastain and Associates (“Chastain”) to perform construction supervision and material testing services for the Industrial Drive reconstruction project at a cost not-to-exceed \$100,185.00.

The Industrial Drive reconstruction project will reconstruct the existing Industrial Drive, Walter Court and Prosper Court roadways and improve storm water drainage to the area by adding storm sewer infrastructure. For the construction supervision and material testing portion of this project, staff would like to hire the Village’s Transportation Engineer, Chastain, at a cost not to exceed \$100,185.00. Staff already hired Chastain to perform the preliminary engineering design work at a cost of \$15,353.42 which was carried over from FY21. Attached is the Chastain task order for your review and approval.

FINANCIAL IMPACT

Although this project will be funded through REBUILD Illinois (RBI) bond funds, the Village’s 2022 budget includes \$132,780.00 for engineering services for this project in the Motor Fuel Tax (MFT) fund, as the State of Illinois requires municipalities to deposit RBI bond funds into the same fund used for MFT allocations. The \$15,353.42 in preliminary engineering work combined with the \$100,185.00 in construction supervision and material testing services totals \$115,538.52, which is \$17,241.48 under budget.

ATTACHMENTS

1. Task Order

RECOMMENDED MOTIONS

Motion to approve a task order with Chastain and Associates (“Chastain”) to perform construction supervision and material testing services for the Industrial Drive reconstruction project at a cost not-to-exceed \$100,185.00.



TASK ORDER #5 AGREEMENT

BETWEEN

THE VILLAGE OF LAKE IN THE HILLS

AND

CHASTAIN & ASSOCIATES LLC

FOR

PROFESSIONAL ENGINEERING SERVICES

FOR

CONSTRUCTION ENGINEERING

OF THE

INDUSTRIAL DRIVE RESURFACING AND DRAINAGE IMPROVEMENTS

**TASK ORDER #5 – CONSTRUCTION
ENGINEERING SERVICES –
INDUSTRIAL DRIVE RESURFACING
AND DRAINAGE IMPROVEMENTS**

In accordance with Section 1.1 of the Master Contract between the Village of Lake in the Hills (“Owner”) and Chastain & Associates, LLC (“Consultant”) for Calendar Year 2022 Professional Engineering Services, dated December 9, 2021 (the “Contract”), Owner and Consultant agree as follows:

1. **Project:**

Industrial Drive Construction Phase Services – Construction engineering and material QA services for Industrial Drive, Walter Court and Prosper Court in the Village.

Street List:

Street Name	Crossroad - Begin		Crossroad - End	Length (ft)
Industrial Drive	Pyott Road	to	Prosper Court	2,050
Walter Court	Industrial Drive	to	East End	660
Prosper Court	Industrial Drive	to	East End	660
Total Project Length =				3,370

2. **Services of Consultant:**

A. Basic Services:

The man-hours shown were based upon the assumption that full-time monitoring, construction layout, quantity measurements and documentation of the project will be provided and that the contractor will complete the project within an estimated 14 week construction duration. Any additional work due to an extended schedule dictated by the contractor’s performance or unanticipated work due to unanticipated site conditions shall warrant a contract addendum.

The following is a breakdown of the various tasks associated with the construction engineering which will be performed by Chastain:

1) Project Startup

Chastain will complete a preconstruction video or photo documentation of the existing construction areas to document the existing conditions prior to the start of construction. Chastain will also utilize this time to prepare its documentation and records system to meet IDOT contract documentation standards acceptable for MFT funded projects as specified in the Bureau of Local Roads Manual.

The project startup also allows the Chastain inspection team time to review the plans and specifications prior to the start of the project. Chastain will coordinate with the Village of Lake in the Hills to ensure that all governmental entities are aware of the project details and any impacts that the project may create.

Chastain will coordinate with the contractor to ensure that a progress schedule is approved prior to the start of construction, that subcontractors are approved, review QC plans for HMA and PCC material, ensure that proper notice is provided to the Village, Police and Fire and the motoring public prior to the start of the project.

2) Construction Engineering

Chastain will provide Construction Engineering Services on a time and material, not-to-exceed contract amount basis. Chastain will be on-site full time to observe and verify that items being constructed and materials being utilized are in conformance with the approved plans and specifications and the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction.

Chastain will complete a site visit diary, measure and document contract quantities, complete payment estimates, change orders, and weekly reports. Weekly reports will be submitted to the contractor and the Village of Lake in the Hills. Chastain will verify that all materials incorporated into this project are IDOT approved and evidence of material inspection is in compliance with the Project Procedures Guide and Special Provisions of this contract. Chastain shall keep the Village of Lake in the Hills informed as to the progress of construction.

Chastain will provide the Village of Lake in The Hills with a regular e-mail update indicating the approximate amount of work completed and the locations where it was completed. It will also include an anticipated

schedule from the contractor regarding the work planned for the following days. The purpose of this communication is informational only, and does not indicate any control of the contractors means or methods of work by Chastain.

Chastain will establish and coordinate with the Village a communication plan to address issues that may arise with the impacted businesses that are project related. The Village of Lake in The Hills will be responsible for approving any changes to the contract that result, prior to the changes be completed by the Contractor.

Chastain anticipates that a Construction Engineer will be onsite full time. The Chastain Construction Project Manager will also be available to address construction related issues and coordinate between businesses, IDOT, the Village and the contractor.

3) Meetings

Chastain will attend the preconstruction meeting with the Village of Lake in the Hills, the contractor and subcontractors. Chastain anticipates that there will be weekly construction progress meetings on site for the duration of the project. Chastain will prepare the agenda and meeting minutes.

4) Administration/Coordination

This task will involve the oversight of the project by management, which will include the on-going review of the project execution, documentation, schedule and budget, contract file management, and general correspondence between Chastain, Village of Lake in the Hills, the contractor, and subcontractors.

5) Project Close Out

This task includes the preparation of final job records in accordance with IDOT policy. All quantity measurements and calculations will be checked and cross referenced, evidence of material inspection will be finalized, documents will be printed and bound, and field books and records will be indexed and boxed for final submittal. Project records will include BLR Forms 13210 and 13230 documenting final change in plans and final pay estimate.

6) Material Testing

Rubino Engineering will be providing material QA services for this project. Quality Assurance testing for asphalt and concrete shall be completed in accordance with IDOT QC/QA requirements. Geotechnical services for subgrade base conditions shall be provided on an as needed basis.

7) Disclaimer

- a. Chastain shall not supervise, direct or have any control over the contractor's work. Chastain shall not have any responsibility for the construction means, methods, techniques, sequences or procedures selected by the contractor. Chastain is not responsible for the contractor's safety precautions or programs in connection with this project. These rights and responsibilities are solely those of the contractor. Chastain will notify the Village of any concerns we may have or observe.

B. Additional Services:

NONE

3. **Approvals and Authorizations:** Consultant shall obtain the following approvals and authorizations:

IDOT approval of final payment and change in plan documents.

4. **Commencement Date:**

The date of execution of this Task Order by Owner.

5. **Completion Date:**

Construction completion is specified for November 18, 2022. Chastain's construction inspection and documentation services will be completed no later than December 16, 2022, plus extensions, if any, authorized by a Change Order issued pursuant to Section 2.1 of the Contract.

6. **Submittal Schedule:**

Submittal: Pre-construction meeting agenda and project close-out documents.

Due Date: TBD with Village.

7. **Key Project Personnel:**

Names:	Telephone:
Steve Frerichs	(847) 287-6732
Mike Hartwig	(773) 858-2569
Dale Wozniarski	(847) 209-0534

8. **Contract Price:**

PREFERRED METHOD--BILLING RATE TASK ORDER

For providing, performing, and completing all Services, an amount equal to Consultant's Direct Labor Costs for all Services rendered by principals and employees engaged directly on the Project, plus an amount equal to the actual costs of all Reimbursable Expenses.

Labor Detail:

Role	Man-Hours	Budget
Project Manager	18	\$3,420.00
Resident Engineer	494	\$66,690.00
Inspector	120	\$13,200.00
Material QA (Rubino)		\$12,000.00
Direct Cost (Vehicle)		\$4,875.00
Contract Fee =		\$100,185.00

Notwithstanding the foregoing, the total Contract Price shall not exceed \$100,185.00, except as adjusted by a Change Order issued pursuant to Section 2.1 of the Contract.

9. **Payments:**

PREFERRED METHOD--BILLING RATE TASK ORDER

For purposes of payments to the Consultant, the value of the Services shall be determined as follows:

Direct Labor Costs shall mean the billing rates assigned to all Consultant personnel as set forth on the list supplied by the Consultant attached hereto as Attachment A-1, including all professionals whether owners or employees, engaged directly on the Project.

Reimbursable Expenses shall mean the actual expenses incurred by the Consultant directly or indirectly in connection with the Project, including expenses for transportation, telephone, postage, computer time and other highly specialized equipment, reproduction and similar Project related items.

10. **Modifications to Contract:**
NONE

11. **Attachments:**
Task and Labor Breakdown (Attachment B-1) summarizing phases and services anticipated in providing full time Construction Engineering.

Approval and Acceptance: Acceptance and approval of this Task Order shall incorporate this Task Order as part of the Contract.

The Effective Date of this Task Order is _____, 2022

VILLAGE OF LAKE IN THE HILLS

By: Ray Bogdanowski
Village President

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

CHASTAIN & ASSOCIATES LLC



Steve Frerichs
Sr. Project Manager

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: Steve Frerichs

Title: Senior Project Manager

Address: 120 West Center Court, Schaumburg, IL 60195

E-mail Address: Phone: sfrerichs@chastainengineers.com

Phone: (847) 287-6732

ATTACHMENT A-1

**Standard Charges for Professional Services
(For Billing Rate Task Orders Only)**

PRINCIPAL	\$200 /HR
SENIOR PROFESSIONAL	\$195 /HR
SENIOR PROJECT MANAGER	\$190 /HR
PROJECT MANAGER	\$155 /HR
SENIOR PROJECT ENGINEER	\$150 /HR
PROJECT ENGINEER II	\$150 /HR
PROJECT ENGINEER I	\$130 /HR
ENGINEER	\$85 /HR
SENIOR TECHNICIAN	\$135 /HR
TECHNICIAN	\$80 /HR
JUNIOR FIELD PERSONNEL	\$75 /HR
ADMINISTRATIVE	\$65 /HR
<i>DIRECT COSTS – PROJECT CHARGEABLE</i>	
MILEAGE *	\$0.58 / MILE
DAILY VEHICLE CHARGE * (Survey or Construction vehicle)	\$65 / DAY

*Indicates Reimbursable Items

ATTACHMENT B-1

Task and Labor Breakdown

CHASTAIN & ASSOCIATES LLC

Person Hour & Cost Submittal - ATTACHMENT B-1

Project: LITH - INDUSTRIAL DRIVE IMPROVEMENT PROJECT - PHASE III

C&A Proj No:

Date: 26-Jul-22

Direct Cost Estimate

G:\Proposal Work\LITH\Industrial Drive Construction Observation\Project Budget - Industrial Drive Phase III.xls\Industrial Drive Ph. III Budget

Code No.	Task No.	Item Description	Sheet Count	Labor Code Budget		Project Manager	Resident Engineer	Inspector	Task Direct Cost	\$65.00 Vehicles (Days)	\$1.00 Mat. QA Serv (Units)
				Billing	Hours						
1		Management, QC/QA (16 Week Total Construction Duration)									
	1.1	Proj. Management		\$1,520.00	8	8					
	1.2	QC/QA		\$760.00	4	4					
Labor Subtotals				\$2,280.00	4	12	0	0		0	0
Direct Cost				\$0.00					\$0.00	\$0.00	\$0.00
Total				\$2,280.00							
2		Pre-Construction Services - (2 Weeks)									
	2.1	Preconstruction Meeting Prep		\$540.00	4		4				
	2.2	Preconstruction Meeting		\$920.00	6	2	4			1	
	2.3	Project Document Record Set-Up		\$540.00	4		4				
	2.4	Contractor Walk Through/Existing Condition Documentation		\$540.00	4		4			1	
	2.5	Construction Layout Verification		\$2,160.00	16		16			2	
Labor Subtotals				\$4,700.00	34	2	32	0		4	0
Direct Cost				\$260.00					\$260.00	\$260.00	\$0.00
Total				\$4,960.00							
3		Construction Observation Services - (14 Weeks)									
	3.1	Daily Documentation - Diary & Quantity Book		\$9,450.00	70		70				
	3.2	Weekly Documentation - Erosion Cont., Traf Insp., Weekly Reports		\$3,780.00	28		28				
	3.3	Daily Construction Observation		\$42,900.00	340		220	120		70	
	3.4	Business Coordination and Outreach		\$3,780.00	28		28				
	3.5	Local Stakeholder Meetings - Local & Other Agency Coordination		\$3,780.00	28		28				
	3.6	Extra work / Prior Authorizations / Change Order - Documentation		\$3,780.00	28		28				
	3.7	Material's Coordinator, Mat'l's inspection Documentation		\$3,780.00	28		28				12000
Labor Subtotals				\$71,250.00	550	0	430	120		70	12000
Direct Cost				\$16,550.00					\$16,550.00	\$4,550.00	\$12,000.00
Total				\$87,800.00							
4		Post Construction - (2 weeks for close-out)									
	4.1	Final Quantity Measurements		\$1,080.00	8		8			1	
	4.2	Punch List		\$1,080.00	8		8				
	4.3	Final Material Inspection & Documentation Close-Out		\$2,920.00	20	4	16				
Labor Subtotals				\$5,080.00	36	4	32	0		1	0
Direct Cost				\$65.00					\$65.00	\$65.00	\$0.00
Total				\$5,145.00							
Total Site Improvement & QC/QA Personnel Costs				\$83,310.00							
Total Site Improvement & QC/QA Direct Costs				\$16,875.00					\$16,875.00	\$4,875.00	\$12,000.00
Total Site Improvement & QC/QA Costs				\$100,185.00							
Participation by Hours				632		18	494	120			
Percent of Participation by Hours				100.00%		2.85%	78.16%	18.99%			
Personnel Cost/Hour				\$133.51							



REQUEST FOR BOARD ACTION

MEETING DATE: August 9, 2022

DEPARTMENT: Public Works

SUBJECT: Award a Contract for the Industrial Drive Reconstruction Project

EXECUTIVE SUMMARY

Staff seeks Board approval to award a contract in the amount of \$1,258,346.85 to Schroeder Asphalt Services of Huntley, IL, for the Industrial Drive Reconstruction Project.

The Industrial Drive reconstruction project will reconstruct the existing Industrial Drive, Walter Court and Prosper Court roadways and improve storm water drainage to the area by adding storm sewer infrastructure. On July 26, 2022, Public Works opened five sealed bids for the Industrial Drive reconstruction project. The five bids ranged from a high bid of \$1,749,958.00 to Schroeder Asphalt's low bid of \$1,258,346.85, which is a total \$213,872.65 under the engineer's estimate of \$1,472,219.50 and \$9,433.15 less than the budgeted amount. The Village has previously contracted with Schroeder Asphalt Services for projects and has been satisfied with the product and the company.

FINANCIAL IMPACT

Although this project will be funded through REBUILD Illinois (RBI) bond funds, the Village's 2022 budget includes \$1,267,780.00 for the construction portion of this project in the Motor Fuel Tax (MFT) fund, as the State of Illinois requires municipalities to deposit RBI bond funds into the same fund used for MFT allocations. If awarded to Schroeder Asphalt, this \$1,258,346.85 project would \$9,433.15 under budget.

ATTACHMENTS

1. Chastain Recommendation Letter
2. Bid Results
3. Capital Asset Request Form

RECOMMENDED MOTION

Motion to award a contract to Schroeder Asphalt Services of Huntley, IL, for the Industrial Drive Reconstruction Project, in an amount not to exceed \$1,258,346.85.



August 1, 2022

Mr. Guy Fehrman
Superintendent of Streets
Village of Lake in the Hills
9010 Haligus Road
Lake in the Hills, IL 60156

RE: *Recommendation of Contract Award*
Industrial Drive Roadway Resurfacing and Drainage Improvements
Section: 22-00040-00-RS

Mr. Fehrman,

The Village of Lake in the Hills received a total of five (5) bid proposals for the construction of the referenced project at the bid opening held July 26, 2022 at the Public Works facility. Bids ranged from a low bid of \$1,258,346.85 to a high of \$1,749,958.00 which would indicate a competitive bid environment among the contractors who submitted bids for this project.

It is noted the low bid as well as three of the other four bids are below the Engineer's estimate of \$1,472,219.50. A detailed review of the bid tabs was completed and all of the bids as read at the bid opening were correct and no errors were found in review of the proposed unit price submittals. It is noted that the low bidder Schroeder Asphalt Services, Inc. had included the Affidavit of Availability, Affidavit of Illinois Business Office and the Apprenticeship Training Program Certification properly signed and notarized. Additionally, Schroeder returned specification documents for bituminous and fuel cost adjustments marked "no" indicating they will not be seeking cost adjustments related to items covered by these two specifications.

Based on our review of the submitted bid proposals, their accuracy and completeness as detailed in the attached Tabulation of Bids, we find Schroeder Asphalt Services, Inc. of Huntley, Illinois to be the lowest responsible bidder for the above contract. **Chastain & Associates hereby recommends award of the Village of Lake in the Hills – Industrial Drive Roadway Resurfacing and Drainage Improvements to Schroeder Asphalt Services, Inc. in the amount of \$1,258,346.85.** The final project amount will be determined based on actual field measurements of completed work as the project is completed.

If you have any questions concerning our review or recommendations, please let me know.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Frerichs", with a long horizontal flourish extending to the right.

Steve Frerichs
Senior Project Manager
Chastain & Associates LLC

Attachments



Tabulation of Bids - 5 Bidders

Local Public Agency	County	Section Number	Letting Date
Village of Lake in the Hills	McHenry	22-00040-00-RS	07/26/22

Approved Engineer's Estimate	Attended By (IDOT Representative(s))
\$1,472,219.50	

Bidder's Name	SCHROEDER ASPHALT SERVICES, INC.	GESKE AND SONS, INC	MAURO SEWER CONSTRUCTION	CHADWICK CONTRACTING CO	A LAMP CONCRETE CONTRACTORS, INC
Bidder's Address	P.O. BOX 831	400 E TERRA COTTA A	1251 REDEKER RD	12 PROSPER CT	1900 WRIGHT BLVD
City, State, Zip	HUNTLEY, IL 60142	CRYSTAL LAKE 60014	DES PLAINES 60016	LITH 60156	SCHAUMBURG 60193
Proposal Guarantee	12230	12230	12230	12230	12230
Terms					

Approved Engineer's Estimate

Item No.	Item	Delivery	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
20101100	Tree Trunk Protection		Each	4	\$350.0000	\$1,400.00	\$225.0000	\$900.00	\$12.6000	\$50.40	\$300.0000	\$1,200.00	\$250.0000	\$1,000.00	\$150.0000	\$600.00
20200100	Earth Excavation		CU YD	865	\$37.0000	\$32,005.00	\$34.0000	\$29,410.00	\$39.0000	\$33,735.00	\$45.0000	\$38,925.00	\$58.0000	\$50,170.00	\$1.0000	\$865.00
20201200	REMOVAL AND DISPOSA		CU YD	521	\$37.0000	\$19,277.00	\$40.0000	\$20,840.00	\$28.0000	\$14,588.00	\$35.0000	\$18,235.00	\$32.0000	\$16,672.00	\$1.0000	\$521.00
21001000	GEOTECHNICAL FABRIC		SQ YD	935	\$3.0000	\$2,805.00	\$1.5000	\$1,402.50	\$3.0000	\$2,805.00	\$12.0000	\$11,220.00	\$3.0000	\$2,805.00	\$2.0000	\$1,870.00
21101615	TOPSOIL FURNISH and P		SQ YD	3320	\$5.5000	\$18,260.00	\$7.5000	\$24,900.00	\$0.1200	\$398.40	\$9.5000	\$31,540.00	\$7.7500	\$25,730.00	\$4.0000	\$13,280.00
25000210	SEEDING CLASS 2A		ACRE	1	\$2,500.0000	\$2,500.00	\$3,900.0000	\$3,900.00	\$23,100.0000	\$23,100.00	\$10,000.0000	\$10,000.00	\$3,185.0000	\$3,185.00	\$2,000.0000	\$2,000.00
25000400	NITROGEN FER NUT		POUND	62	\$3.5000	\$217.00	\$5.5000	\$341.00	\$1.1500	\$71.30	\$7.0000	\$434.00	\$3.0000	\$186.00	\$1.0000	\$62.00
25000500	PHOSPHORUS FERT NU		POUND	62	\$3.5000	\$217.00	\$5.5000	\$341.00	\$1.1500	\$71.30	\$7.0000	\$434.00	\$3.0000	\$186.00	\$1.0000	\$62.00
25000600	POTASSIUM FER NUT		POUND	62	\$3.5000	\$217.00	\$5.5000	\$341.00	\$1.1500	\$71.30	\$7.0000	\$434.00	\$3.0000	\$186.00	\$1.0000	\$62.00
25100630	EROSION CNTRL BLA		SQ YD	3320	\$1.5000	\$4,980.00	\$1.4000	\$4,648.00	\$2.2000	\$7,304.00	\$4.0000	\$13,280.00	\$1.4000	\$4,648.00	\$3.7500	\$12,450.00
28000250	TEMP ERO CNTRL SEED		POUND	69	\$7.0000	\$483.00	\$5.0000	\$345.00	\$0.1300	\$8.97	\$5.0000	\$345.00	\$8.0000	\$552.00	\$1.0000	\$69.00
28000400	PERIMETER EROS BARR		FOOT	2473	\$3.5000	\$8,655.50	\$5.7500	\$14,219.75	\$3.0300	\$7,493.19	\$2.5000	\$6,182.50	\$3.6000	\$8,902.80	\$1.0000	\$2,473.00
28000500	INLET & PIPE PROTECT		EACH	18	\$185.0000	\$3,330.00	\$160.0000	\$2,880.00	\$220.0000	\$3,960.00	\$159.0000	\$2,862.00	\$270.0000	\$4,860.00	\$15.0000	\$270.00
28001100	TEMP ERO CNTRL BLAN		SQ YD	3320	\$1.5000	\$4,980.00	\$1.1500	\$3,818.00	\$0.5700	\$1,892.40	\$3.0000	\$9,960.00	\$1.2000	\$3,984.00	\$1.0000	\$3,320.00
28100101	STONE RIPRAP CLS A1		SQ YD	50	\$65.0000	\$3,250.00	\$120.0000	\$6,000.00	\$97.5000	\$4,875.00	\$150.0000	\$7,500.00	\$53.0000	\$2,650.00	\$54.0000	\$2,700.00
31101400	SUBBASE GRAN MAT		SQ YD	935	\$23.0000	\$21,505.00	\$14.0000	\$13,090.00	\$19.1600	\$17,914.60	\$30.0000	\$28,050.00	\$5.9000	\$5,516.50	\$9.7500	\$9,116.25
35101800	AGGREGATE BASE		SQ YD	2595	\$11.0000	\$28,545.00	\$12.0000	\$31,140.00	\$15.7400	\$40,845.30	\$16.0000	\$41,520.00	\$7.2600	\$18,839.70	\$9.7500	\$25,301.25
35501316	HOTMIX ASPLT BASE		SQ YD	2050	\$55.0000	\$112,750.00	\$42.0000	\$86,100.00	\$46.0000	\$94,300.00	\$70.0000	\$143,500.00	\$57.7000	\$118,285.00	\$51.0000	\$104,550.00
40600275	BITUMINOUS MAT PRIME		POUND	32665	\$0.1000	\$3,266.50	\$0.0100	\$326.65	\$0.0100	\$326.65	\$0.0500	\$1,633.25	\$0.0100	\$326.65	\$0.0100	\$326.65
40600290	BITUMINOIS MAT TACK		POUND	7455	\$0.1000	\$745.50	\$0.0100	\$74.55	\$0.0100	\$74.55	\$0.0500	\$372.75	\$0.0100	\$74.55	\$0.0100	\$74.55
40600982	HOTMIX ASHPLT SUR RE		SQ YD	81	\$25.0000	\$2,025.00	\$7.0000	\$567.00	\$22.0000	\$1,782.00	\$10.0000	\$810.00	\$10.0000	\$810.00	\$20.0000	\$1,620.00
40603080	HOTMIX ASPHLT BINDER		TON	1638	\$75.0000	\$122,850.00	\$91.0000	\$149,058.00	\$84.5500	\$138,492.90	\$90.0000	\$147,420.00	\$87.2100	\$142,849.98	\$93.0000	\$152,334.00
40603200	POLY HOTMIX ASPHLT B		TON	213	\$110.0000	\$23,430.00	\$120.0000	\$25,560.00	\$152.0000	\$32,376.00	\$210.0000	\$44,730.00	\$195.0000	\$41,535.00	\$168.0000	\$35,784.00
40604060	HOTMIX ASPHLT SURF C		TON	1699	\$85.0000	\$144,415.00	\$94.5000	\$160,555.50	\$91.2000	\$154,948.80	\$109.0000	\$185,191.00	\$104.8900	\$178,208.11	\$101.0000	\$171,599.00

Item No.	Item	Delivery	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
42300400	PORTLAND CEMENT CO		SQ YD	509	\$75.0000	\$38,175.00	\$91.0000	\$46,319.00	\$91.0300	\$46,334.27	\$130.0000	\$66,170.00	\$78.6000	\$40,007.40	\$100.0000	\$50,900.00
44000200	DRIVEWAY PAVMNT RE		SQ YD	2559	\$11.0000	\$28,149.00	\$17.0000	\$43,503.00	\$29.5000	\$75,490.50	\$30.0000	\$76,770.00	\$37.3500	\$95,578.65	\$19.0000	\$48,621.00
44000300	CURB REMOVAL		FOOT	58	\$15.0000	\$870.00	\$15.0000	\$870.00	\$10.9400	\$634.52	\$10.0000	\$580.00	\$8.0000	\$464.00	\$6.5000	\$377.00
44000500	COMBINE CURB GUTTE		FOOT	190	\$15.0000	\$2,850.00	\$15.0000	\$2,850.00	\$10.9400	\$2,078.60	\$12.0000	\$2,280.00	\$8.0000	\$1,520.00	\$9.0000	\$1,710.00
44201690	CLASS D PATCH T i 4"		SQ YD	249	\$55.0000	\$13,695.00	\$30.0000	\$7,470.00	\$45.0000	\$11,205.00	\$30.0000	\$7,470.00	\$30.0000	\$7,470.00	\$15.0000	\$3,735.00
44201692	CLASS D PATCH T ii 4"		SQ YD	374	\$50.0000	\$18,700.00	\$30.0000	\$11,220.00	\$43.2000	\$16,156.80	\$25.0000	\$9,350.00	\$30.0000	\$11,220.00	\$15.0000	\$5,610.00
44201694	CLASS D PATCH T iii 4"		SQ YD	622	\$45.0000	\$27,990.00	\$25.0000	\$15,550.00	\$40.2500	\$25,035.50	\$25.0000	\$15,550.00	\$30.0000	\$18,660.00	\$15.0000	\$9,330.00
44201696	CLASS D PATCH T IV 4"		SQ YD	622	\$45.0000	\$27,990.00	\$25.0000	\$15,550.00	\$40.2500	\$25,035.50	\$25.0000	\$15,550.00	\$30.0000	\$18,660.00	\$15.0000	\$9,330.00
44201747	CLASS D PATCH T IV 8"		SQ YD	667	\$60.0000	\$40,020.00	\$56.0000	\$37,352.00	\$74.7000	\$49,824.90	\$35.0000	\$23,345.00	\$56.2200	\$37,498.74	\$62.0000	\$41,354.00
48101498	AGGREGATE SHOULD		SQ YD	1581	\$15.0000	\$23,715.00	\$10.0000	\$15,810.00	\$10.9700	\$17,343.57	\$16.0000	\$25,296.00	\$8.7500	\$13,833.75	\$8.0000	\$12,648.00
48301000	PROTECTIVE COAT		SQ YD	509	\$1.0000	\$509.00	\$1.5000	\$763.50	\$1.6300	\$829.67	\$3.0000	\$1,527.00	\$1.0000	\$509.00	\$1.0000	\$509.00
542A5485	PIPE CULVERTS CL A T 1		FOOT	1000	\$225.0000	\$225,000.00	\$187.0000	\$187,000.00	\$188.8700	\$188,870.00	\$225.0000	\$225,000.00	\$248.0000	\$248,000.00	\$196.0000	\$196,000.00
550A0050	STRM SWRS CL A T1 12		FOOT	20	\$60.0000	\$1,200.00	\$99.0000	\$1,980.00	\$79.3800	\$1,587.60	\$85.0000	\$1,700.00	\$73.0000	\$1,460.00	\$82.0000	\$1,640.00
550A0070	STRM SWRS CL A T1 15"		FOOT	130	\$75.0000	\$9,750.00	\$113.0000	\$14,690.00	\$75.9000	\$9,867.00	\$95.0000	\$12,350.00	\$76.0000	\$9,880.00	\$98.0000	\$12,740.00
550A0090	STRM SWRS CL A T1 18"		FOOT	100	\$80.0000	\$8,000.00	\$117.0000	\$11,700.00	\$85.2100	\$8,521.00	\$100.0000	\$10,000.00	\$81.0000	\$8,100.00	\$105.0000	\$10,500.00
56400100	FIRE HYDRANTS MOVED		EACH	1	\$2,000.0000	\$2,000.00	\$8,250.0000	\$8,250.00	\$5,945.5000	\$5,945.50	\$11,000.0000	\$11,000.00	\$6,844.0000	\$6,844.00	\$6,500.0000	\$6,500.00
60223700	MANHOLS T A 6' CLS LID		EACH	2	\$6,000.0000	\$12,000.00	\$5,250.0000	\$10,500.00	\$9,303.6500	\$18,607.30	\$10,000.0000	\$20,000.00	\$7,500.0000	\$15,000.00	\$8,600.0000	\$17,200.00
60224445	MANHOLS T A 7' CLS LID		EACH	3	\$7,500.0000	\$22,500.00	\$8,250.0000	\$24,750.00	\$13,118.2000	\$39,354.60	\$11,000.0000	\$33,000.00	\$9,500.0000	\$28,500.00	\$13,800.0000	\$41,400.00
60265700	VALVE VAULTS ADJUST		EACH	1	\$500.0000	\$500.00	\$1,100.0000	\$1,100.00	\$588.5000	\$588.50	\$800.0000	\$800.00	\$1,350.0000	\$1,350.00	\$635.0000	\$635.00
67100100	MOBILIZATION		L SUM	1	\$83,333.0000	\$83,333.00	\$46,000.0000	\$46,000.00	\$34,000.0000	\$34,000.00	\$100,000.0000	\$100,000.00	\$121,518.7300	\$121,518.73	\$80,000.0000	\$80,000.00
70102620	TRAFFIC CONT&PROT		L SUM	1	\$53,419.0000	\$53,419.00	\$5,000.0000	\$5,000.00	\$5,750.0000	\$5,750.00	\$120,000.0000	\$120,000.00	\$5,175.0000	\$5,175.00	\$115,000.0000	\$115,000.00
72000100	SIGN PANEL TYPE 1		SQ FT	20	\$35.0000	\$700.00	\$27.0000	\$540.00	\$30.0000	\$600.00	\$60.0000	\$1,200.00	\$27.6000	\$552.00	\$25.0000	\$500.00
72800100	TELE STEEL SIGN SUPP		FOOT	47	\$20.0000	\$940.00	\$16.5000	\$775.50	\$17.5000	\$822.50	\$60.0000	\$2,820.00	\$16.1000	\$756.70	\$25.0000	\$1,175.00
X2080250	TRENCH BACKFILL, SPE		CU YD	775	\$50.0000	\$38,750.00	\$50.0000	\$38,750.00	\$55.8500	\$43,283.75	\$30.0000	\$23,250.00	\$1.0000	\$775.00	\$10.0000	\$7,750.00
X2140100	GRADING&SHAP DITCH		FOOT	1200	\$20.0000	\$24,000.00	\$18.0000	\$21,600.00	\$23.0000	\$27,600.00	\$20.0000	\$24,000.00	\$23.0000	\$27,600.00	\$16.0000	\$19,200.00
X4022000	TEMP ACCESS		EACH	32	\$750.0000	\$24,000.00	\$200.0000	\$6,400.00	\$35.0000	\$1,120.00	\$450.0000	\$14,400.00	\$400.0000	\$12,800.00	\$200.0000	\$6,400.00
X4401198	HOTMIX ASP SURF REM		SQ YD	12469	\$5.0000	\$62,345.00	\$2.1000	\$26,184.90	\$2.2500	\$28,055.25	\$3.5000	\$43,641.50	\$1.9600	\$24,439.24	\$2.3500	\$29,302.15
X4404400	PVMT REMOVE SPECIAL		SQ YD	78	\$30.0000	\$2,340.00	\$20.0000	\$1,560.00	\$28.7500	\$2,242.50	\$50.0000	\$3,900.00	\$10.0000	\$780.00	\$21.0000	\$1,638.00
X4830035	PTLN CEM CON SHLD 9"		SQ YD	40	\$110.0000	\$4,400.00	\$160.0000	\$6,400.00	\$159.5000	\$6,380.00	\$85.0000	\$3,400.00	\$137.7500	\$5,510.00	\$130.0000	\$5,200.00
X6030310	FRMS&LIDS ADJUSTED		EACH	3	\$1,200.0000	\$3,600.00	\$1,100.0000	\$3,300.00	\$1,111.0000	\$3,333.00	\$1,000.0000	\$3,000.00	\$1,350.0000	\$4,050.00	\$735.0000	\$2,205.00
X6061005	CONCRETE CURB T B		FOOT	58	\$20.0000	\$1,160.00	\$52.0000	\$3,016.00	\$51.7500	\$3,001.50	\$70.0000	\$4,060.00	\$42.7500	\$2,479.50	\$42.0000	\$2,436.00
X6064200	COMB CONC CURB&GUT		FOOT	190	\$25.0000	\$4,750.00	\$37.0000	\$7,030.00	\$36.5200	\$6,938.80	\$79.0000	\$15,010.00	\$31.5000	\$5,985.00	\$40.0000	\$7,600.00
Z0013798	CONSTRUCTION LAYOU		LSUM	1	\$26,186.0000	\$26,186.00	\$6,000.0000	\$6,000.00	\$10,000.0000	\$10,000.00	\$22,000.0000	\$22,000.00	\$6,200.0000	\$6,200.00	\$6,900.0000	\$6,900.00
	PIPE CULV REMOVAL 12"		FOOT	75	\$25.0000	\$1,875.00	\$11.0000	\$825.00	\$12.5000	\$937.50	\$10.0000	\$750.00	\$15.0000	\$1,125.00	\$1.0000	\$75.00
	PIPE CULV REMOVAL 15"		FOOT	60	\$30.0000	\$1,800.00	\$11.0000	\$660.00	\$12.5000	\$750.00	\$15.0000	\$900.00	\$15.0000	\$900.00	\$1.0000	\$60.00

Item No.	Item	Delivery	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
	PIPE CULV REMOVAL 18"		FOOT	120	\$35.0000	\$4,200.00	\$11.0000	\$1,320.00	\$20.0000	\$2,400.00	\$18.0000	\$2,160.00	\$15.0000	\$1,800.00	\$1.0000	\$120.00
	PRECAST REIN CON 18"		EACH	3	\$3,500.0000	\$10,500.00	\$2,200.0000	\$6,600.00	\$1,932.0000	\$5,796.00	\$2,150.0000	\$6,450.00	\$2,300.0000	\$6,900.00	\$2,450.0000	\$7,350.00
	PRECAST REIN CON 30"		EACH	3	\$7,500.0000	\$22,500.00	\$3,850.0000	\$11,550.00	\$3,288.0000	\$9,864.00	\$3,100.0000	\$9,300.00	\$4,000.0000	\$12,000.00	\$4,000.0000	\$12,000.00
	ADJUST WATERMAIN		FOOT	50	\$140.0000	\$7,000.00	\$275.0000	\$13,750.00	\$149.8900	\$7,494.50	\$150.0000	\$7,500.00	\$286.0000	\$14,300.00	\$150.0000	\$7,500.00
	CLN MAINTN EXIS DITCH		FOOT	925	\$12.0000	\$11,100.00	\$6.0000	\$5,550.00	\$17.5000	\$16,187.50	\$14.0000	\$12,950.00	\$7.2000	\$6,660.00	\$16.0000	\$14,800.00
	FENCE REMOVE REPLA		FOOT	50	\$300.0000	\$15,000.00	\$100.0000	\$5,000.00	\$250.0000	\$12,500.00	\$65.0000	\$3,250.00	\$20.0000	\$1,000.00	\$100.0000	\$5,000.00
	STRUCTURE REMOVE		EACH	1	\$600.0000	\$600.00	\$550.0000	\$550.00	\$480.0000	\$480.00	\$600.0000	\$600.00	\$1,476.0000	\$1,476.00	\$500.0000	\$500.00
	TREE REMOVAL SPECIA		L SUM	1	\$2,000.0000	\$2,000.00	\$2,000.0000	\$2,000.00	\$10,000.0000	\$10,000.00	\$21,900.0000	\$21,900.00	\$2,200.0000	\$2,200.00	\$3,000.0000	\$3,000.00
Total Bid:						As Read:	\$1,258,346.85	\$1,364,332.19	\$1,749,958.00	\$1,463,760.00	\$1,347,759.85					
						As Calculated:	\$1,258,346.85	\$1,364,332.19	\$1,749,958.00	\$1,463,700.00	\$1,347,759.85					
						% Over/Under:	(14.53)%	(7.33)%	18.87 %	(0.58)%	(8.45)%					

CAPITAL ASSET REQUEST FORM

FUND:	Motor Fuel Tax Fund
DEPARTMENT:	Public Works
DIVISION:	Streets

NAME OF ASSET OR PROJECT TITLE:

REBUILD IL Bond Proceeds - Industrial Drive Reconstruction

TOTAL EXPECTED COST:

Reconstruction: \$ 1,267,780
 Design and CRS: \$ 132,780
Total: \$1,400,560

CATEGORY:

- Mandate
- Rehabilitation or Asset Management
- Operational Improvement
- New Initiative

ASSET CONDITION:

- Excellent
- Good
- Fair
- Poor

DESCRIBE CURRENT USE, NEED, COST, AND IMPACT:

Each year, staff evaluates the condition of a portion of the total pavement in the Village. Based on this assessment, each pavement segment is given a condition rating. Streets are prioritized in the replacement schedule based on the condition assessment. Although the Village maintains a proactive street maintenance program which includes crack sealing and patching, asphalt roads have about a 21 year life cycle.

Industrial Drive has experienced drainage issues that are causing road damage and flooding. Before the road can be reconstructed, the area's drainage needs to be improved to prevent continuing flooding concerns.

Without improved drainage, the road will continue to deteriorate and flood businesses. The Village has applied for a grant for the project and is waiting for notification on whether the funding will be received.





REQUEST FOR BOARD ACTION

MEETING DATE: August 9, 2022

DEPARTMENT: Public Works

SUBJECT: Approval of a Budget Amendment and a Change Order for Fleet Fuel

EXECUTIVE SUMMARY

Staff seeks Board approval of an Ordinance approving a budget amendment to the General Fund, Water Fund and Airport Fund for the fiscal year ending December 31, 2022 and approval of a Resolution and change order with Avalon Petroleum to increase the purchase order for the procurement of fleet fuel from \$201,730.00 to \$301,730.00.

The Village entered into contract with Avalon Petroleum (Avalon) in February of 2018 for the purchase and delivery of fleet fuel for the Lake in the Hills fleet. The contract requires Avalon to provide the Village with gasoline and diesel at prices that fluctuate daily based on a regional fuel price index, plus \$0.079/gallon, which is the markup that Avalon submitted in their 2018 bid. Earlier this year, a purchase order was approved in the amount of \$201,730.00 to buy fuel from Avalon Petroleum in 2022 for village vehicles and equipment. The 2022 purchase order amount was based on historical fuel usage estimates and fuel cost estimates generated by adding Avalon’s per gallon markup to price estimates provided by the U.S. Energy Information Administration (EIA).

Table 1 - 2022 Fuel Budget Estimates

Product	Price Per Gallon (EIA + markup)	Estimated Gallons	Extended price
89-octane gasoline	\$2.67	44,895	\$119,869.65
B2 bio-diesel	\$3.02	27,084	\$81,793.68

Total \$201,663.33*

**\$201,730.00 is the total budgeted amount, after rounding all individual budget accounts.*

So far this year, pricing for the purchase and delivery of fleet fuel has been higher than anticipated. As shown in the table below, per gallon pricing is 33% to 39% higher than anticipated.

Table 2 - 2022 Fuel Budget to Actual

Product	Budgeted Price Per Gallon	YTD Actual Avg. Price Per Gallon	Difference
89-octane gasoline	\$2.67	\$3.70	39%
B2 bio-diesel	\$3.02	\$4.02	33%

Because fuel costs have been higher than anticipated so far this year, the Village has already spent \$153,790.06, which approximately 76% of the total budgeted amount. Moving forward, as shown in the table below, staff expects to spend an additional \$147,901.00 on fuel through the end of this year, which is \$99,961.06 (rounded to \$100,000.00) over the budgeted amount of \$201,730.00.

Table 3 – Revised 2022 Fuel Cost Projections

Product	YTD Actual Fuel Cost	Projections (Aug to Dec 31 st)			2022 Revised Fuel Cost
		Price Per Gallon*	Gallons	Fuel Cost	
89-octane gasoline	\$100,541.50	\$4.05	19,555	\$79,197.75	\$179,739.25
B2 bio-diesel	\$53,248.56	\$4.73	14,525	\$68,703.25	\$121,951.81
Totals	<u>\$153,790.06</u>		+	<u>\$147,901.00</u>	= <u>\$301,691.06</u>

**Based on the July 12, 2022 EIA Short-Term Energy Outlook for 2022.*

FINANCIAL IMPACT

The Village’s 2022 budget includes \$201,730.00 for the purchase of fleet fuel across the General Fund, Water Fund and Airport Fund. Increasing the purchase order with Avalon Petroleum from \$201,730.00 to \$301,730.00 will exceed the budget by \$100,000.00; therefore, a budget amendment Ordinance is attached.

ATTACHMENTS

1. Budget Amendment Ordinance
2. Resolution
3. Change Order

RECOMMENDED MOTIONS

Motion to approve an Ordinance approving a budget amendment to the General Fund, Water Fund and Airport Fund for the fiscal year ending December 31, 2022.

Motion to approve a Resolution and change order with Avalon Petroleum to increase the purchase order for the procurement of fleet fuel from \$201,730.00 to \$301,730.00.

VILLAGE OF LAKE IN THE HILLS

Ordinance 2022-_____

**An Ordinance Approving a Budget Amendment
to the Operating Budget for the
Fiscal Year Ending December 31, 2022**

WHEREAS, the Village of Lake in the Hills, an Illinois municipal corporation (the "Village"), situated in McHenry County, Illinois, is a home rule municipality as contemplated under Article VII, Section 6, of the Constitution of the State of Illinois, and the passage of this Ordinance constitutes an exercise of the Village's home rule powers and functions to regulate for the protection of the public health, safety, morals and welfare, as granted in the Constitution of the State of Illinois; and

WHEREAS, the Village of Lake in the Hills acting by and through its President and Board of Trustees has previously approved an Operating Budget for the Fiscal Year ending December 31, 2022 as part of Ordinance No. 2021-45; and

WHEREAS, it is necessary and appropriate to delete, add to, or otherwise change certain sub-classes within object classes and certain object classes themselves in said Operating Budget as provided in Exhibit A to this Ordinance;

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the VILLAGE OF LAKE IN THE HILLS, McHenry County, Illinois, as follows:

SECTION 1: That amendments to the Operating Budget for the Fiscal Year Ending December 31, 2022 are hereby approved in the form and content as provided in Exhibit A which is attached hereto and made a part thereof.

SECTION 2: If any section, paragraph, subdivision, clause, sentence or provision of this Ordinance shall be adjudged by any Court of competent jurisdiction to be invalid, such judgment shall not affect, impair, invalidate or nullify the remainder thereof, which remainder shall remain and continue in full force and effect.

SECTION 3: All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such

conflict.

SECTION 4: This Ordinance shall be in full force and effect immediately from and after its passage by a vote of two-thirds of the corporate authorities and approval and publication in pamphlet form (which publication is hereby authorized) as provided by law.

Passed this 11th day of August, 2022 by roll call vote as follows:

	Ayes	Nays	Absent	Abstain
Trustee Stephen Harlfinger	_____	_____	_____	_____
Trustee Bob Huckins	_____	_____	_____	_____
Trustee Bill Dustin	_____	_____	_____	_____
Trustee Suzette Bojarski	_____	_____	_____	_____
Trustee Diane Murphy	_____	_____	_____	_____
Trustee Wendy Anderson	_____	_____	_____	_____
President Ray Bogdanowski	_____	_____	_____	_____

APPROVED THIS 11TH DAY OF AUGUST 2022

Village President, Ray Bogdanowski

(SEAL)

ATTEST: _____
Village Clerk, Shannon DuBeau

Published:

Exhibit A

08/11/2022

Village of Lake in the Hills
Budget Transfer/Amendment
For the Fiscal Year Ending December 31, 2022

Account Number	Account Description	Current Budget Amount	Revised Budget Amount	Increase (Decrease)	Amendment Description
General Fund					
100.65.00.72.12	Operating Supplies Fuel & Petroleum Supplies	\$911.00	1,085.00	174.00	Fleet Fuel Expenses higher than anticipated
100.14.00.72.12	Operating Supplies Fuel & Petroleum Supplies	\$3,750.00	6,245.00	2,495.00	Fleet Fuel Expenses higher than anticipated
100.20.10.72.12	Operating Supplies Fuel & Petroleum Supplies	\$2,071.00	3,062.00	991.00	Fleet Fuel Expenses higher than anticipated
100.20.20.72.12	Operating Supplies Fuel & Petroleum Supplies	\$83,776.00	123,532.00	39,756.00	Fleet Fuel Expenses higher than anticipated
100.20.22.72.12	Operating Supplies Fuel & Petroleum Supplies	\$2,488.00	5,369.00	2,881.00	Fleet Fuel Expenses higher than anticipated
100.30.10.72.12	Operating Supplies Fuel & Petroleum Supplies	\$341.00	433.00	92.00	Fleet Fuel Expenses higher than anticipated
100.30.30.72.12	Operating Supplies Fuel & Petroleum Supplies	\$56,398.00	82,165.00	25,767.00	Fleet Fuel Expenses higher than anticipated
100.30.32.72.12	Operating Supplies Fuel & Petroleum Supplies	\$24,551.00	36,261.00	11,710.00	Fleet Fuel Expenses higher than anticipated
	TOTAL GENERAL FUND			83,866.00	
Airport Fund					
620.00.00.72.12	Operating Supplies Fuel & Petroleum Supplies	\$5,300.00	7,134.00	1,834.00	Fleet Fuel Expenses higher than anticipated
	TOTAL AIRPORT FUND			1,834.00	
Water Fund					
520.00.00.72.12	Operating Supplies Fuel & Petroleum Supplies	\$30,599.00	44,899.00	14,300.00	Fleet Fuel Expenses higher than anticipated
	TOTAL WATER FUND			14,300.00	

VILLAGE OF LAKE IN THE HILLS

RESOLUTION NO. 2022-_____

**A Resolution approving Change Order 1 to increase
the purchase order for fleet fuel with
Avalon Petroleum from \$201,730.00 to \$301,730.00**

WHEREAS, the Village of Lake in the Hills approved a five-year contract for the purchase of fleet fuel from Avalon Petroleum on February 8, 2018; and

WHEREAS, Village staff purchases fleet fuel throughout the year for village fleet purposes; and

WHEREAS, the Board of Trustees of the Village of Lake in the Hills has determined that the circumstances said to necessitate the foregoing purchase order increase were not reasonably foreseeable at the time the purchase order with Avalon Petroleum was approved, the change is germane to the original contract as signed and the change order is in the best interest of the Village of Lake in the Hills as authorized by law;

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Lake in the Hills, McHenry County, State of Illinois.

SECTION 1: The foregoing recitals are hereby incorporated herein as if fully set forth as findings of the President and Board of Trustees.

SECTION 2: The change listed above set forth in this resolution is incorporated herein and made a part hereof, shall be hereby approved.

SECTION 3: This Resolution shall constitute the written determination required by Section 33E-9 of Article 33E of the Criminal Code of 1961 and shall be in full force and effect from and after its adoption.

Passed this 11th day of August, 2022 by roll call vote as follows:

	Ayes	Nays	Absent	Abstain
Trustee Stephen Harlfinger	_____	_____	_____	_____
Trustee Bob Huckins	_____	_____	_____	_____
Trustee Bill Dustin	_____	_____	_____	_____
Trustee Suzette Bojarski	_____	_____	_____	_____
Trustee Diane Murphy	_____	_____	_____	_____
Trustee Wendy Anderson	_____	_____	_____	_____
President Ray Bogdanowski	_____	_____	_____	_____

APPROVED THIS 11th DAY OF AUGUST, 2022

Village President, Ray Bogdanowski

(SEAL)

ATTEST: _____
Village Clerk, Shannon DuBeau

Published: _____

CHANGE ORDER

No. One

Project: Fleet Fuel Date Prepared: July 14, 2022

Owner: Village of Lake in the Hills
9010 Haligus Road
Lake in the Hills, Illinois 60156

Contractor: Avalon Petroleum
7326 Eagle Way
Chicago IL 60678

Project Manager Guy Fehrman

Contract: 2022 Fleet Fuel

Project No: _____

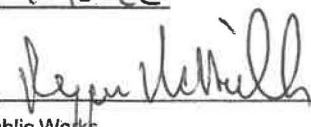
You are directed to make the following changes in the Contract Documents.

The significant rise in fuel prices requires an increase in the current purchase order for fleet fuel from Avalon Petroleum.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price \$201,730.00	Original Contract Time No change days or date
Previous Change Orders NO. 1 None	Net change from previous Change Orders No change days
Contract Price prior to this Change Order \$201,730.00	Contract Time Prior to this Change Order No change days or date
Net Increase / decrease of this Change Order \$ 100,000.00	Net Increase or decrease of this Change Order No change days
Contract Price with all approved Change Orders \$ 301,730.00	Contract Time with all approved Change Orders No change days or date

RECOMMENDED


Date: 7-15-22



By: Public Works
 Director of Public Works

AGREED

Date: 7-15-22



By: Avalon Petroleum
 Contractor

APPROVED

Date: _____

By: Village of Lake in the Hills
 Owner