



VILLAGE OF SCHAUMBURG

AGENDA

Engineering and Public Works Committee
Thursday, January 4, 2024
7:00 PM - Conference Room B

CALL TO ORDER

APPROVAL OF MINUTES

1. December 21, 2023

CONSENT AGENDA

NEW BUSINESS

1. Recommendation to Approve a Three-Year Agreement for On-Site Safety Consulting Services with Alliance Risk Control Services, LLC
2. Recommendation to Approve Completion of the Plans and Specifications for Bidding of the FY 24/25 Street Improvement Program
3. Recommendation to Approve the Design of the Ron Pande Memorial Fountain

UNFINISHED BUSINESS

DEFERRALS

COMMENTS FROM THE PUBLIC

ADJOURNMENT

NEXT VILLAGE BOARD MEETING

January 23, 2024

In compliance with the Americans with Disabilities Act and other applicable Federal and State laws, the meeting will be accessible to individuals with disabilities. Persons requiring auxiliary aids and/or services should contact the Village Manager's Office at 847.923.4705, preferably no later than five days before the meeting.



**December 21, 2023
1/4/2024
Engineering and Public Works Committee**

Presenter:

Lead Department: Engineering and Public Works

Executive Summary:

Recommended Action:

ATTACHMENTS:

Description	Type
▣ December 21, 2023	Minutes



VILLAGE OF SCHAUMBURG
PROGRESS THROUGH THOUGHTFUL PLANNING

I have reviewed the following minutes and to the best of my knowledge, they correctly represent the actions taken at the meeting.

Daniel Randolph
Assistant Director of Engineering & Public Works

Village of Schaumburg
Engineering & Public Works Committee
December 21, 2023

MEMBERS PRESENT: Mark Madej, Chairperson
Brian Bieschke, Trustee
Esha Patel, Trustee

OTHERS PRESENT: Paula Hewson, Assistant Village Manager
Michael Hall, Director of Engineering & Public Works
Daniel Randolph, Assistant Director of Engineering & Public Works
Adrian Marquez, Superintendent of Field Services
Mark Rysavy, Facilities Division Manager
Andrew S. Buckwinkler, Management Analyst

Chairperson Madej called the Engineering and Public Works (EPW) Committee Meeting to order at 7:00 p.m.

APPROVAL OF MINUTES:

Trustee Patel made a motion, seconded by Trustee Bieschke, to approve the minutes from the meeting of November 14, 2022. All Ayes. Motion carried.

CONSENT AGENDA:

None.

NEW BUSINESS:

1. Recommendation to Authorize Participation in the Choice Partners National Purchasing Cooperative and Award the Water Station 20 Masonry Replacement Project to BEAR Construction Company

Mr. Mark Rysavy, Facilities Division Manager, presented the first item of the evening. He provided details about the location, situated behind the Schaumburg Post Office, which houses an underground water reservoir. Mr. Rysavy highlighted the concerns regarding the deteriorated state of two wing walls that extend from the Station 20 building, holding back the earthen mound, with masonry failing and bricks falling off.

Earlier this year, staff began planning for the repairs. However, the pricing for repairs was quoted in the mid \$70,000s, and a warranty was not included. Consequently, staff decided to assess the cost of a full replacement as a more viable long-term solution and value for the Village.

The proposed replacement scope involves the complete removal of masonry from the front and back of both wing walls. Concrete form liners would then be installed, followed by pouring concrete along the front and rear faces of each wing wall. The final step would be concrete staining to match the existing brick pattern.

The estimated cost for the replacement is \$266,000. In collaboration with two different contractors, staff worked to narrow down the scope, and BEAR Construction Company (BEAR) emerged as the firm offering the best value for this project. Staff believes that investing in a permanent fix now would be the best value to the Village, as it helps avoid continuous costly repairs. While the masonry repair budget did not initially accommodate this full amount, staff managed to save on some investigations for sanitary and storm sewer. The funds saved from these efforts will be utilized to finance this project. Therefore, it is the staff's recommendation to proceed with BEAR for the masonry wall repair.

Trustee Patel made a motion, seconded by Trustee Bieschke, to recommend the Village Board authorize participation in the Choice Partners National Purchasing Cooperative Contract #23/016MR-05 and award the Water Station 20 Masonry Replacement Project to BEAR Construction Company of Rolling Meadows, IL, in the amount of \$266,157.60. All Ayes. Motion Carried.

2. Recommendation to Approve Ratification of Expenditures and an Increase in the Purchase of Hot Mix Asphalt with Arrow Road Construction Company

Mr. Adrian Marquez, Superintendent of Field Services, presented the second item of the evening. He began by sharing that the discussion pertained to the program's performance for the year. The good news is that we successfully achieved our goal of 30,000 square yards. However, it's worth noting that we exceeded the budget slightly. The reason for this was the inclusion of a few additional projects that became a priority towards the end of the season. Despite going over budget, the trade-off was the successful incorporation of these priority projects into the paving program by our dedicated staff.

Now, staff is seeking an additional \$54,000 to cover the expenses incurred during this fiscal year.

Trustee Bieschke raised a question about whether the same amount would be budgeted for the next fiscal year. In response, Mr. Marquez clarified that while there will be an increase in the funding request, the goal of achieving 30,000 square yards will remain the same.

Trustee Bieschke made a motion, seconded by Trustee Patel, to recommend the Village Board approve ratification of expenditures and an increase in the purchase of Hot Mix Asphalt with Arrow Road Construction Company of Elk Grove Village, IL in the amount of \$54,054.03. All Ayes. Motion Carried.

3. Recommendation to Approve an Agreement for HVAC Maintenance and Repairs with Hayes Mechanical

Mr. Rysavy presented the next item of the evening. Historically the Village has outsourced for all the HVAC maintenance and repairs. In FY 23/24, staff received approval for a new position, a Building Engineering Technician. This position proved effective, allowing staff to efficiently delegate filter and belt changes. Subsequently, the Village experienced improved daily service and reduced reliance on external contractors.

While the initial plan was successful, the Building Engineering Technician position is currently vacant. In response, staff released a request for proposals and received six responses. Notably, there were significant modifications to the contract, with the exclusion of daily/monthly maintenance tasks, including filter changes. However, staff retained responsibility for monthly maintenance and start-ups for all coolers and chillers. These tasks go beyond the typical scope of a HVAC technician's daily duties.

After reviewing the six responses received, Hayes Mechanical was deemed the most qualified, offering both the lowest annual maintenance cost and the best value in terms of hourly rates. Staff confidently recommends proceeding with a contract with Hayes Mechanical, up to the approved budget amount.

However, given the inclusion of the emergency repairs component in the budget, clearance from the board is required as part of the process before finalizing this contract. The proposed contract is intended to be in effect from May 1st, 2024, through April 30th, 2025.

Trustee Bieschke asked a question regarding the final line in the summary, which states, "It is anticipated this contract will be utilized to meet the required maintenance needs until this position is filled." Specifically, Trustee Bieschke inquired about the rates applicable during this interim period, asking if they would be the emergency rates. In response, Mr. Rysavy clarified that there is a standard hourly rate, whether the service is categorized as an emergency or not. Additionally, he mentioned that there is a higher hourly rate for evenings and weekends.

Trustee Bieschke made a motion, seconded by Trustee Patel, to recommend the Village Board authorize the Village Manager to Execute an Agreement for HVAC Maintenance and Repairs with Hayes Mechanical of Chicago, IL up to the approved budgeted amount, and approve the required Resolution. All Ayes. Motion Carried.

4. **Electrical Aggregation Program Update - Informational**

Mr. Andrew Buckwinkler, Management Analyst, presented the final item of the evening. In 2022, the Village Board decided to discontinue the Electrical Aggregation Program. The primary objective of this decision was to save residents money, a strategy that proved beneficial under ComEd's previous restrictions. At that time, ComEd was limited in its ability to increase monthly rates by more than half a percent. However, there has been a recent change, allowing ComEd to fluctuate their rates without such restrictions.

Currently, staff is not recommending the reinstatement of the program under its initial purpose. After consulting with other experts and individuals in the field of Electrical Aggregation, it has been determined that realizing savings for residents in the foreseeable future is unlikely. Feasibility studies suggest that the best outcome any municipality can hope for is a small civic grant, an option that proved beneficial in a previous program. However, these grant amounts have decreased since our last engagement. It is estimated that a new program may yield a civic grant in the range of \$50,000 to \$100,000. Unfortunately, the previous program's grant amount of \$164,191 is no longer deemed feasible.

Trustee Bieschke sought confirmation that the current recommendation is for staff to take no action and leave the decision to the residents. Mr. Buckwinkler confirmed that was correct and stated that this item was informational. Staff will, however, continue to monitor the market and if in the future, there is a potential for savings to residents, staff can revisit the matter and bring it back to the committee for further consideration.

UNFINISHED BUSINESS

None.

DEFERRALS

None.

COMMENTS FROM THE AUDIENCE/STAFF

None.

ADJOURNMENT

Trustee Bieschke made a motion, seconded by Trustee Patel, to adjourn the meeting at 7:11 p.m. All Ayes. Motion carried.

Respectfully submitted,



Jessi Dussard
Recording Secretary
Engineering & Public Works



**Recommendation to Approve a Three-Year Agreement for On-Site Safety Consulting Services with Alliance Risk Control Services, LLC
1/4/2024
Engineering and Public Works Committee**

Presenter: Michael Hall, Director of Engineering & Public Works
Lead Department: Engineering and Public Works

Accounts(s):	Budget:	Expense Request:
SEE ATTACHED BUDGET TABLE	\$	\$

Executive Summary:

The Village entered into a contract for onsite safety consulting services with Alliance Risk Control Services in 2012, prior to this contract, it was managed by a Village employee. The major advantage of outsourcing this work is that a consultant generally provides industry standard training that maintains current safety requirements and changes based on new regulations, with access to a variety of expertise, which may not necessarily be present with in-house resources.

Staff has been satisfied with the level of service and relationship we have built with our safety program administrator from Alliance Risk Control Services (Alliance). In 2021, we resolicited for proposals for this service. Of the top two firms, Alliance Risk Control Services (Alliance) was ultimately awarded the contract. In consultation with the Village's risk manager, staff believes that a key component to the success of our safety program, has been the relationship staff at all levels have developed with our current on-site consultant. Understanding this relationship and familiarity with staff has helped reduce claims and provided considerable improvements throughout the department.

The attached memo details the evaluation as well as highlights improvements Alliance has implemented to drive compliance and increased safety. As can be seen in the tables, the workers compensation cost per labor hour, number of claims and Days Away Restricted or Transferred (DART) rate have all declined since bringing Alliance on board.

The annual cost continues to represent a reduction in hours serviced to the department from pre-pandemic levels as the program has been managed effectively and numbers remain positive. The department's OSHA recordable rate remains significantly lower than industry standard and average claim costs are low. If these benchmarks start trending in a different direction, staff will meet with Alliance and revisit the modified service.

Recommended Action:

The Village Manager recommends that the Engineering & Public Works Committee recommend the Village Board execute a Three-Year Agreement for On-Site Safety Consulting Services with Alliance Risk Control Services, LLC, in an amount not to exceed the approved budget, and approve the required Resolution.

ATTACHMENTS:

Description	Type
▣ Three-Year Safety Budget	Backup Material
▣ Proposal	Backup Material
▣ Resolution	Resolution Letter
▣ Agreement	Backup Material

Department - FY 24/25	Personnel	Fire Extinguisher	Annual Respirator Flow Testing of Tanks, Masks and Regulators	NFPA 70E and NEC Training	Basics of Electricity, Troubleshooting, Grounding and Bonding	Chain Saw Safety, PPE and Skills Training	Rigging	Asbestos Transite Pipe	Confined Space Authorized Entry	Excavation Competent Person	Electrical Subpart K & S	Total	Account
Building	6	\$ 660.00	\$ -	\$ 4,615.80	\$ 5,093.64	\$ 1,200.00	\$ 900.00	\$ 1,260.00	\$ 376.94	\$ 1,065.25	\$ 480.00	\$ 15,651.63	4010-7213
Landscape	8	\$ 880.00	\$ -	\$ 769.30	\$ -	\$ 1,600.00	\$ 1,040.00	\$ 1,680.00	\$ 565.41	\$ 1,065.25	\$ 640.00	\$ 8,239.96	4020-7213
Sanitary Sewer	6	\$ 660.00	\$ 1,440.00	\$ 769.30	\$ -	\$ 1,200.00	\$ 780.00	\$ 1,260.00	\$ 376.94	\$ 213.05	\$ 480.00	\$ 7,179.29	4070-7213
Customer Service	5	\$ 550.00	\$ -	\$ 3,846.50	\$ 5,093.64	\$ 1,000.00	\$ 650.00	\$ 1,050.00	\$ 753.88	\$ 426.10	\$ 400.00	\$ 13,770.12	4080-7213
Fleet Services & Central Stores	9	\$ 990.00	\$ -	\$ 769.30	\$ -	\$ 1,800.00	\$ 1,170.00	\$ 1,890.00	\$ 565.41	\$ 213.05	\$ 720.00	\$ 8,117.76	4090-7213
Streets, Signs & Electrical	14	\$ 1,540.00	\$ -	\$ 4,615.80	\$ 5,093.64	\$ 2,800.00	\$ 1,820.00	\$ 2,940.00	\$ 376.94	\$ 1,278.30	\$ 1,120.00	\$ 21,584.68	4030-7213
Storm Sewer	9	\$ 990.00	\$ 240.00	\$ 6,923.70	\$ 8,489.40	\$ 1,800.00	\$ 1,170.00	\$ 1,890.00	\$ 565.41	\$ 426.10	\$ 720.00	\$ 23,214.61	4050-7213
Water	12	\$ 1,320.00	\$ 2,880.00	\$ 6,154.40	\$ 6,791.52	\$ 2,400.00	\$ 1,560.00	\$ 2,520.00	\$ 1,319.29	\$ 213.05	\$ 960.00	\$ 26,118.26	4060-7213
Total	69	\$ 7,590.00	\$ 4,560.00	\$ 28,464.10	\$ 30,561.84	\$ 13,800.00	\$ 9,090.00	\$ 14,490.00	\$ 4,900.22	\$ 4,900.15	\$ 5,520.00	\$ 123,876.31	

3rd Party Training Budget \$ 123,876.31
Onsite Safety Consultant Fee* \$ 108,702.00 1014005-7223/5724005-7223
Total Cost \$ 232,578.31

***Onsite Safety Consultant Fee increased from \$105,536 to \$108,702 3 percent increase was based on the 12 month average CPI.**

Note: Confined Space training is required for 43 employees in 2024 / 2025.
Note: Excavation Competent Person is required for 46 employees in 2024 / 2025
Note: Arc Flash and NEC training is required for 37 employees.
Note: Basics of Electricity, Troubleshooting, Grounding and Bonding training is required for 18 employees.

Department - FY 25/26	Personnel	Fire Extinguisher	Annual Respirator Flow Testing of Tanks, Masks and Regulators					Asbestos Transite Pipe	Confined Space Authorized Entry	Excavation Competent Person	Electrical Subpart K & S	Total	Account
Building	6	\$ 660.00	\$ -					\$ 1,260.00	\$ 376.94	\$ 1,065.25	\$ 480.00	\$ 3,842.19	4010-7213
Landscape	8	\$ 880.00	\$ -					\$ 1,680.00	\$ 565.41	\$ 1,065.25	\$ 640.00	\$ 4,830.66	4020-7213
Sanitary Sewer	6	\$ 660.00	\$ 1,440.00					\$ 1,260.00	\$ 376.94	\$ 213.05	\$ 480.00	\$ 4,429.99	4070-7213
Customer Service	5	\$ 550.00	\$ -					\$ 1,050.00	\$ 753.88	\$ 426.10	\$ 400.00	\$ 3,179.98	4080-7213
Fleet Services & Central Stores	9	\$ 990.00	\$ -					\$ 1,890.00	\$ 565.41	\$ 213.05	\$ 720.00	\$ 4,378.46	4090-7213
Streets, Signs & Electrical	14	\$ 1,540.00	\$ -					\$ 2,940.00	\$ 376.94	\$ 1,278.30	\$ 1,120.00	\$ 7,255.24	4030-7213
Storm Sewer	9	\$ 990.00	\$ 240.00					\$ 1,890.00	\$ 565.41	\$ 426.10	\$ 720.00	\$ 4,831.51	4050-7213
Water	12	\$ 1,320.00	\$ 2,880.00					\$ 2,520.00	\$ 1,319.29	\$ 213.05	\$ 960.00	\$ 9,212.34	4060-7213
Total	69	\$ 7,590.00	\$ 4,560.00					\$ 14,490.00	\$ 4,900.22	\$ 4,900.15	\$ 5,520.00	\$ 41,960.37	

3rd Party Training Budget \$ 41,960.37
Onsite Safety Consultant Fee* \$ 108,702.00 1014005-7223/5724005-7223
Total Cost \$ 150,662.37

***Onsite Safety Consultant Fee increase will be based on the 12 month average CPI.**

Department - FY 26/27	Personnel	Fire Extinguisher	Annual Respirator Flow Testing of Tanks, Masks and Regulators					Asbestos Transite Pipe	Confined Space Authorized Entry	Excavation Competent Person	Electrical Subpart K & S	Total	Account
Building	6	\$ 660.00	\$ -					\$ 1,260.00	\$ 376.94	\$ 1,065.25	\$ 480.00	\$ 3,842.19	4010-7213
Landscape	8	\$ 880.00	\$ -					\$ 1,680.00	\$ 565.41	\$ 1,065.25	\$ 640.00	\$ 4,830.66	4020-7213
Sanitary Sewer	6	\$ 660.00	\$ 1,440.00					\$ 1,260.00	\$ 376.94	\$ 213.05	\$ 480.00	\$ 4,429.99	4070-7213
Customer Service	5	\$ 550.00	\$ -					\$ 1,050.00	\$ 753.88	\$ 426.10	\$ 400.00	\$ 3,179.98	4080-7213
Fleet Services & Central Stores	9	\$ 990.00	\$ -					\$ 1,890.00	\$ 565.41	\$ 213.05	\$ 720.00	\$ 4,378.46	4090-7213
Streets, Signs & Electrical	14	\$ 1,540.00	\$ -					\$ 2,940.00	\$ 376.94	\$ 1,278.30	\$ 1,120.00	\$ 7,255.24	4030-7213
Storm Sewer	9	\$ 990.00	\$ 240.00					\$ 1,890.00	\$ 565.41	\$ 426.10	\$ 720.00	\$ 4,831.51	4050-7213
Water	12	\$ 1,320.00	\$ 2,880.00					\$ 2,520.00	\$ 1,319.29	\$ 213.05	\$ 960.00	\$ 9,212.34	4060-7213
Total	69	\$ 7,590.00	\$ 4,560.00					\$ 14,490.00	\$ 4,900.22	\$ 4,900.15	\$ 5,520.00	\$ 41,960.37	

3rd Party Training Budget \$ 41,960.37
Onsite Safety Consultant Fee* \$ 108,702.00 1014005-7223/5724005-7223
Total Cost \$ 150,662.37

***Onsite Safety Consultant Fee increase will be based on the 12 month average CPI.**

December 14, 2023

**Proposal Submitted in Response to RFP for
Onsite Safety Consulting Services to the
Village of Schaumburg Engineering and
Public Works Division**

Alliance Risk Control Services, LLC

**Amos Kaffenbarger
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Lombard, IL 60148
akaffenbarger@alliancercs.com
Phone: 847.757.4807**



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7. References
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Appendix A – Safety Training Matrix

Appendix B – Amos Kaffenbarger Bio

Appendix C – EPW Monthly Safety Managers Report

Appendix D – Certificate of Insurance – Proof of Coverage

1. Executive Summary

Alliance Risk Control Services, LLC is a professional consulting firm that provides Safety, Health and Loss Control Services. Alliance is located in Lombard, Illinois and has experience servicing the following industries:

- Municipal
- Emergency Services
- Construction
- Transportation
- Waste Services
- Temporary Staffing
- Scholastic
- Aviation
- Food Manufacturing
- Light-Medium-Heavy Manufacturing
- Distribution
- Hospitality
- Oil and Gas

Alliance is responding to the Village of Schaumburg's RFP to provide an onsite Safety Consultant to conduct the Safety Program for the Engineering and Public Works. Alliance will perform and carry out, in a professional and satisfactory manner, the necessary services required to complete the requirements included in the Village of Schaumburg's RFP. Our Safety Consultant will report directly to the Director of Engineering and Public Works and will provide at a minimum the services outlined in the Minimum Scope of Services section of the RFP.

2. Scope of Services

Alliance will provide an onsite Safety Consultant for a three (3) year contract. The annual onsite safety consulting fee each year will not increase more than the designated Consumer Price Index and will be based on the proposal submitted by the consultant. The value of the proposals for year two and year three shall not exceed the value percentage of the professional services and the year one (FY2024/25) approved budget. Any increase in this percentage for year two and three will be based on the Consumer Price Index and or be based on additional services not included in the three year agreement.

We are providing a proposal to provide an onsite Safety Consultant to manage the Health and Safety of the Engineering and Public Works Department. The Engineering and Public Works Department consists of ten (10) divisions as follows:



1. Administration and clerical, 14 personnel
2. Engineering, 8 personnel
3. Fleet services, 9 personnel over 2 shifts
4. Building maintenance, 6 personnel
5. Storm sewers, 9 personnel
6. Sanitary sewers, 6 personnel
7. Public water supply, 12 personnel, includes weekends
8. Streets, signs and electrical, 14 personnel
9. Landscape (includes forestry), 8 personnel
10. Customer service, 5 personnel over 2 shifts

Approximately 8 additional seasonal workers in the summer.

Alliance will provide a Safety Consultant onsite 64 hours per month for a period of 12 months. The consultant will average approximately 15 hours per week of service. Alliance's Safety Consultant will be responsible to provide the following services while onsite:

Summary of Services

- Safety committee
- Review of all accidents
- Staff training
- Safety inspections
- Record keeping and reporting
- Drive Cam program
- STARS safety incentive program (SOP 5.2)

Detailed Summary of Services

- Create, modify and distribute a monthly training program schedule to all supervisors. *(See Appendix A for included training)*
- Lead and participate in all EPW safety committee meetings (minutes of the meetings will be taken by village staff).
- Review all accidents, and provide recommendations for changes to mitigate or prevent recurrences, as appropriate. Recommend corrective action for safety violations, in accordance with village policy.
- Develop training program recommendations and budget.
- Conduct on-site training for as many OSHA and IDOL required topics as is reasonably performed by the Safety Consultant for all applicable EPW staff.



- Recommend additional OSHA and IDOL required training, not performed by the Safety Consultant on-site, to be performed in a cost-effective manner. (Example: NFPA Arc Flash training would be provided by an organization that has a partnership with Alliance Risk Control Services, LLC)
- Recommend other training programs for those programs that the Safety Consultant cannot perform on-site. (Example: Certified Welder Program)
- Provide onsite management training for any aspect of the Safety Program that of necessity needs to be performed by existing village staff to those required to administer it. For example, if Foremen would be expected to conduct periodic safety audits, training shall be provided to them by the Safety Consultant to enable them to perform this work.
- Provide inspection of at least two (2) village facilities on a monthly basis and 2 to 4 EPW work sites, also on a monthly basis, and provide recommendations to help mitigate or prevent accidents at each facility and work site. The recommendations shall be submitted to the Director of Engineering and Public Works and also be discussed at the EPW safety committee meetings.
- Maintain accident frequency and severity records to provide a basis for evaluating the effectiveness of the safety program. Provide leading/lagging indicator report, as well as a monthly Safety Manager's Report, which shall include recommendations from that month's safety inspections. (*See Appendix C*)
- Receive, review, evaluate and recommend actions for down-loaded Drive Cam events (approximately 45 units).
- Become familiar with and administer the EPW Department's STARS safety incentive program. Only rank and file union members will be included in the program.
- Review EPW Departmental SOPs and recommend updates on safety concerns.
- Continue required documentation of the safety program as specified in the American Public Works Association's accreditation program.
- Provide an evaluation of the Safety Program by December 1st of each year with budget recommendations for the following year's program.
- All Alliance RCS' staff will be required to pass the Village's designated background check if they will have access to Village office space.

- Interface with police and fire department safety coordinators on matters of mutual concern.

3. Statement of Qualifications

Alliance will provide staff that has working knowledge of current OSHA and IDOL requirements and of best management practices for workplace safety in municipal public works and engineering departmental functions, as well as basic knowledge of construction practices in the areas of highway construction and utilities maintenance.

Onsite Safety Consultant's will have a minimum five years of experience in providing onsite safety consultant services for each part of the work outlined in the RFP.

OSHA / IDOL Compliance and Training

The Occupational Safety and Health Administration (OSHA) and Illinois Department of Labor (IDOL) are the governing bodies responsible for determining workplace safety regulations and the enforcement of those regulations. OSHA and the IDOL maintain standards that each employer must meet and adhere to in order to keep employees and working conditions safe.

The regulations put forth by OSHA and the IDOL are numerous and consistently change. Companies have the difficult task of not only knowing and understanding the regulations, but must constantly remain informed on any and all changes in order to keep employees trained. A great example is the *Global Harmonization* Standard.

Alliance will serve as the knowledge resource and training expert for the EPW. By partnering with Alliance, EPW will have a dedicated consultant to help guide EPW staff in developing and sustaining a Safety Program.

Note: Reference Appendix A – Safety Training Matrix for OSHA CFR 1910 and CFR 1926 proposed training.

Insurance

Errors and Omissions, Auto and General Liability insurance are carried by Alliance Risk Control Services, LLC. Limits are as follows:

Auto - \$1,000,000 per occurrence / \$1,000,000 aggregate

General Liability - \$1,000,000 million per occurrence / \$2,000,000 aggregate

Umbrella - \$2,000,000 million per occurrence / \$2,000,000 aggregate

Workers Compensation and Employers Liability – Statutory Limit is provided for WC.



4. Schedule of Services

Alliance has provided a Safety Training Matrix for review. The document contains approximately 37 regulatory topics that require training to comply with OSHA and IDOL. A total of 768 hours of service are being proposed. Below is a sample of the Safety activities that will be completed:

May 2024 Safety Activity Schedule

Week of May 2nd

- (1) Facility and (1) Worksite Inspection
- Supervisor Training
 - Accident Investigation Training
 - Behavior Based Safety Observation Training
- Review any Incidents / Drive Cam Reports – Email supervisors “Root Cause” and “Recommendation” to be included in their next Toolbox Safety Talk
- Completion of Monthly Safety Report, Recordkeeping / Reporting Activities
- Safety Committee Meeting

Week of May 9th

- (1) Facility and (1) Worksite Inspection
- (1) Ride Along
- Employee Training
 - Hazard Communication – Global Harmonization Standard
 - Hearing Protection
 - Respiratory Protection
- Review any Incidents / Drive Cam Reports – Email supervisors “Root Cause” and “Recommendation” to be included in their next Toolbox Safety Talk
- Review Monthly Safety Report with Director of Public Works

Week of May 16th

- (1) Facility and (1) Worksite Inspection
- Employee Training
 - Lockout Tagout / Control of Hazardous Energy
 - Operations of Powered Platforms
 - Fall Protection
- Review any Incidents / Drive Cam Reports – Email supervisors “Root Cause” and “Recommendation” to be included in their next Toolbox Safety Talk



Week of May 23rd

- (1) Facility and (1) Worksite Inspection
- Employee Training
 - 1st Aid / CPR
 - Bloodborne Pathogens
 - Accident Prevention
- Review any Incidents / Drive Cam Reports – Email supervisors “Root Cause” and “Recommendation” to be included in their next Toolbox Safety Talk
- Review SOP’s

5. Fee Schedule

The following Fee Schedule has been proposed for the following 3 Fiscal Years.

- *Fiscal Year 24/25 (May 1, 2024 through April 30, 2025)*
- *Fiscal Year 25/26 (May 1, 2025 through April 30, 2026)*
- *Fiscal Year 26/27 (May 1, 2026 through April 30, 2027)*

Alliance’s onsite Safety Consultant fee during the fiscal year 24/25 is \$108,702 dollars. The fee includes approximately 64 hours of onsite service per month for duration of 12 months. The hourly rate is \$141.53 dollars. The onsite Safety Consultant fee covers all training activity except for the items highlighted in yellow in Appendix A. Those items have been listed in the “Breakdown of Services” provided below. The total cost of the program is not to exceed \$123,876.31 dollars. The total hours worked by the onsite Safety Consultant is not to exceed 64 hours per month / 768 hours per year.

Breakdown of Services	Service Cost
Onsite Safety Consultant	\$108,702
Confined Space Entry	\$4,900.22
Live Portable Fire Extinguisher	\$7,590
Respirator and Full Face Mask Flow Test of Tanks and Regulators	\$4,560
Electrical Subpart K & S	\$5,520
2023 NFPA 70E and 2022 NEC (National Electrical Code)	\$28,464
Basics of Electricity, Grounding, Bonding and Troubleshooting	\$30,561



Asbestos Transite Pipe	\$14,490
Chain Saw Safety, PPE and Skills Training	\$13,800
Rigging	\$9,090
Excavation Competent Person	\$4,900.15
Total Not to Exceed Service Cost	\$123,876.31

This proposal will be a three-year agreement for the services indicated in “Scope of Services” at the not to exceed cost of \$108,702 dollars for the onsite Safety Consultant and \$123,876.31 dollars if the Village of Schaumburg approves the additional \$123,876.31 dollars for Specialty Training Services.

The year two and three pricing will be based on this proposal submitted by Alliance Risk Control Services, LLC. The value of the proposals for year two and year three shall not exceed the value percentage of the professional services and the year one (FY2024/25) approved budget. The Safety Consultant fee will increase each additional year based on the Consumer Price Index. Any Specialty Training Services increase in this percentage for year two and three will be based on the Consumer Price Index and or be based on additional services not included in the three year agreement.

If Alliance seeks an increase in the percentage as described above, the new proposal will need to be approved by the Village board and Alliance understands that other firms may be requested to provide a proposal for services.

Invoices

Service will be billed in twelve (12) monthly installments. The Invoice Schedule is listed below:

- **Fiscal Year 24/25 (May 1, 2024 through April 30, 2025)**
 - Twelve (12) installments of \$9,059.50 dollars starting May 01, 2024 to April 01, 2025.
 - Each installment is due the first of day of the month.
 - Specialty Services will be billed as they are incurred, and payment will be due 30 days from the service date. Specialty services include:



Breakdown of Services	Service Cost
Confined Space Entry	\$4,900.22
Live Portable Fire Extinguisher	\$7,590
Respirator and Full Face Mask Flow Test of Tanks and Regulators	\$4,560
Electrical Subpart K & S	\$5,520
2023 NFPA 70E and 2022 NEC (National Electrical Code)	\$28,464
Basics of Electricity, Grounding, Bonding and Troubleshooting	\$30,561
Asbestos Transite Pipe	\$14,490
Chain Saw Safety, PPE and Skills Training	\$13,800
Rigging	\$9,090
Excavation Competent Person	\$4,900.15
Total Not to Exceed Service Cost	\$123,876.31

- **Fiscal Year 25/26 (May 1, 2025 through April 30, 2026)**
 - Twelve (12) installments of \$9,058.50 dollars starting May 01, 2024 to April 01, 2025 (Pending Increase in Consumer Price Index).
 - Each installment is due the first of day of every month.
 - Specialty Services will be billed as they are incurred, and payment will be due 30 days from the service date. Projected Specialty Services include:

Specialty Services	Service Cost
Excavation Safety Training	\$4,900.15
Confined Space Entry	\$4,900.22
Asbestos Transite Pipe	\$14,490
Portable Fire Extinguisher	\$7,590
Respirator and Full Face Mask Flow Test of Tanks and Regulators	\$4,560
Electrical Subpart K & S	\$5,520
Total Specialty Service Cost	\$41,960



- **Fiscal Year 26/27 (May 1, 2026 through April 30, 2027)**
 - Twelve (12) installments of \$9,058.50 dollars starting May 01, 2026 to April 01, 2027 (Pending Increase in Consumer Price Index).
 - Each installment is due the first of day of every month.
 - Specialty Services will be billed as they are incurred, and payment will be due 30 days from the service date. Projected Specialty Services include:

Specialty Services	Service Cost
Excavation Safety Training	\$4,900.15
Confined Space Entry	\$4,900.22
Asbestos Transite Pipe	\$14,490
Portable Fire Extinguisher	\$7,590
Respirator and Full Face Mask Flow Test of Tanks and Regulators	\$4,560
Electrical Subpart K & S	\$5,520
Total Specialty Service Cost	\$41,960

6. Service Team & Contact Information

An onsite Safety Consultant will be provided with a minimum of 5 years of experience in Highway Construction and Utilities Maintenance. The onsite Safety Consultant can be replaced at the request of the Director of Engineering and Public Works.

Core Service Team

Amos Kaffenbarger, President, Risk Control Consultant
 Alliance Risk Control Services, LLC
 412 South Stewart Ave.
 Lombard, IL 60148
 Cell : (847) 757-4807
 Email: akaffenbarger@alliancercs.com
 Website: www.alliancercs.com

Responsibilities: The primary contact for the Village of Schaumburg; establishes Action Plans and coordinates schedules to perform desired service. Conducts loss analysis to identify trends and problem areas. Oversee and conduct training, program development, and hazard identification activities per the direction of the client.



Appendix A

Safety Training Matrix

Village of Schaumburg OSHA Safety Training Schedule (Revised as of June 06, 2023)

Type of Activity/Training	Date of Training	Make Up Date	Make Up Time
No Training - Flex Day	5/3/23		
Asbestos Transite Pipe Training - 7:30 am to 11:30 am	5/10/23	5/17/23	7:30 AM
Asbestos Transite Pipe Training - 7:30 am to 11:30 am	5/17/23		
No Training - Flex Day	5/24/23		
Confined Space Authroized Entry 7:30 AM to 11:30 AM	5/31/23		
Live Fire Extinguisher Training - Outside between VMF and Garage	6/7/23	7/12/23	7:30 AM
Confined Space Authroized Entry 7:30 AM to 11:30 AM	6/14/23		
Excavation Competent Person Training - 7:30 am to 11:30 AM	6/21/23	6/28/23	7:30 AM
Excavation Competent Person Training - 7:30 am to 11:30 AM	6/28/23		
No Training 4th of July	7/5/23		
No Training - Flex Day	7/12/23		
Hazard Communication, Lockout Tagout (Control of Hazardous Energy) and Confined Space Awareness, Bloodborne Pathogens, Infection Control / Hepatitis B Vaccine, Ergonomics and Back Safety, Walking Working Surfaces (Housekeeping, Slip, Trip and Fall), Compressed Gas Safety, Storage and Handling of LP Gas and Flammable / Combustible Liquids, Fall Protection, Ladder Safety, Ariel Lifts / Elevated Platform / Boom Lifts, Machine Guarding and Small Tool Safety, Personal Protective Equipment, Hearing Protection	7/19/23	8/2/23	10:00 AM
Live Fire Extinguisher Training - Make Up - Outside between VMF and Garage	7/26/23	No Make Up	7:30 AM
Hazard Communication, Lockout Tagout (Control of Hazardous Energy) and Confined Space Awareness, Bloodborne Pathogens, Infection Control / Hepatitis B Vaccine, Ergonomics and Back Safety, Walking Working Surfaces (Housekeeping, Slip, Trip and Fall), Compressed Gas Safety, Storage and Handling of LP Gas and Flammable / Combustible Liquids, Fall Protection, Ladder Safety, Ariel Lifts / Elevated Platform / Boom Lifts, Machine Guarding and Small Tool Safety, Personal Protective Equipment, Hearing Protection	8/2/23	No Make Up	
No Training - Flex Day	8/9/23		
No Training - Flex Day	8/17/22		
No Training - Flex Day	8/23/23		
No Training - Prep for September Fest	8/30/23		
No Training - September Fest	9/6/23		
No Training - Clean Up for September Fest	9/13/23		
No Training - Flex Day	9/20/203		
No Training - Flex Day	9/27/23		
No Training - Flex Day	10/4/23		
First Aid, CPR, AED Training 8:00 am to 11:30 am Employees will have an assigned time.	10/11/23	10/18/23	8:00 AM
First Aid, CPR, AED Training 8:00 am to 11:30 am Employees will have an assigned time.	10/18/23	10/25/23	8:00 AM
First Aid, CPR, AED Training 8:00 am to 11:30 am Employees will have an assigned time.	10/25/23	No Make Up	
Respiratory Protection (Fit Test) Employees will have an assigned time.	11/1/23	11/8/23	7:30 AM
Respiratory Protection (Fit Test) Employees will have an assigned time.	11/8/23	11/15/23	7:30 AM
Respiratory Protection (Fit Test) Employees will have an assigned time.	11/15/23	No Make Up	7:30 AM
No Training - Week of Thanksgiving	11/22/23		
No Training - Flex Day	11/29/23		
No Training - Flex Day	12/6/23		
No Training - Flex Day	12/13/23		
No Training - Flex Day	12/20/23		
No Training - Flex Day	12/27/23		
No Training For Rest of Fiscal Year - Snow and Ice	1/3/24		
Electrical K & S Online Training	3/6/24		
Yellow Highlighted Training Communicates Employees Are Assigned To A Specific Session. Assignments will be emailed to Foremen.			
Non Highlighted Training session are scheduled for 7:30 am and 2:30 pm, Make Up Sessions at 10 am.			
First Aid, CPR and AED training is scheduled for 8 am per the request of the Fire Department.			

Appendix C

EPW Monthly Safety Report



Monthly Onsite Safety Consulting Report

Village of Schaumburg Engineering and Public Works Division

Amos Kaffenbarger, President

November 08, 2023

Alliance Risk Control Services, LLC

444 East Roosevelt Rd, Suite 256

Lombard, IL 60148

P: 847.757.4807

F: 630.596.0822



Prepared By Amos Kaffenbarger, President

SERVICE SUMMARY

Week 23 – October 1st to October 07th of 2023

Days Onsite: 2

Hours Completed: 19.25 hrs

Week 24 – October 08th to October 14th of 2023

Days Onsite: 2

Hours Completed: 18.50 hrs

Week 25 – October 15th to October 21st of 2023

Days Onsite: 2

Hours Completed: 26.50 hrs

Week 26 – October 22nd to October 31st of 2023

Days Onsite: 0

Hours Completed: 4.00 hrs

Contract Allocation

Beginning Month's Amount: 398.50 hours

Amount Used This Month: 84.50 hours

Amount Remaining: 314 hours

TRAINING

October Training Scheduled

- October 11, 2023 – First Aid, CPR and AED
- October 18, 2023 – First Aid, CPR and AED
- October 25, 2023 – First Aid, CPR and AED

November Training Scheduled

- November 08, 2023 – Fit Testing
- November 15, 2023 – Fit Testing

OUTSTANDING ITEMS AND RECOMMENDATIONS

Item 1: Village Wide Electrical Systems Maintenance

Electrical systems such as panels and switch gears require maintenance per NFPA 70E. A meeting was held on June 23, 2015 with John Williams, Dennis Gatza, Brian Wagner and Amos Kaffenbarger to develop an action plan for compliance. Below is the current action plan:

1. Move forward with scheduling cleaning of Electrical Systems for Village owned electrical systems. Brian Wagner will complete by December 2015.
2. Collect information on manufacturers to identify if manuals are available to identify preventative maintenance requirements per the manufacturer. Include manufacturer requirement in RFP per page 6 of IEEE 3007.2. Brian Wagner will complete by December 2015.
3. Include single line diagrams from Arc Flash Analysis in RFP per page 6 of IEEE 3007.2. Brian Wagner will include in RFP after the Arc Flash Analysis project is completed.
4. Work with 3rd party consultant to develop a Preventative Maintenance program and Critical Matrix for identifying Catastrophic, Critical, Marginal or Minor failure. Plan for next budget year – 2016 / 2017. Brian Wagner, John Williams and Dave Hellmer will work together to complete this item.

Status: First draft was emailed to Brian Wagner, Bob Mamrot and John Williams for comments.

Item 2: Equipment Operator Safety Training

Operator training for each piece of equipment is under review to eliminate OSHA compliance gaps as well as improve operational efficiency of documenting the training. Items under review are:

1. Instruction Form
2. Training Skills Form
3. Competency Quiz
4. Operator Evaluation
5. Seamless Workflow
6. City Works Entry

Status: Completed

Item 3: RF Exposure – Small Cell Sites

5G Small Cell Sites are being installed on Village Light Poles and Buildings. We have reached out to Verizon to discuss an RF Safety Plan. The following should be addressed:

1. Identify and Purchase Personal Protective Equipment / RF PPE Bag
2. Develop Disconnect Procedures / Job Safety Analysis
3. Written SOP / Safety Program
4. Purchase Personal RF Monitors for Employees.
5. Medical Questionnaire / Evaluations
6. Update GIS to verify Small Cell Site's are included as well as exposure level and PPE requirements.
7. Train all foremen, Buildings, Electrical and Customer Service employees that will interact with the 5G Small Cell Sites.
8. Share our plan with Police and Fire.

Status: InProgress, Streets and Customer Service have been tasked with ordering 5G RF monitors. EPW has received Verizon's 5G and ATT's safety plan. Written program and training will be finalized after Bob Mamrot returns from FLMA.

Item 4: Employees have expressed their desire for the allowance of wearing shorts on days with heat advisories, provided that shorts do not pose a safety risk for specific tasks.

The Safety Committee addressed this request during their meeting on September 13, 2023, prompted by the exceptionally high temperatures experienced in July and August of 2023. To determine the feasibility of implementing this change, the following steps need to be undertaken:

1. Identify tasks where wearing shorts is both appropriate and does not compromise safety.
2. Develop a Standard Operating Procedure (SOP) that incorporates the heat index as a criterion for permitting the use of shorts.
3. Define the acceptable types, designs, colors, and lengths of shorts that will be authorized.
4. Seek input from foremen and relevant stakeholders to ensure that all variables and considerations are thoroughly evaluated.

Status: Under Review.

INCIDENTS / INJURIES

The Village of Schaumburg Engineering and Public Works experienced (0) injuries in September.

LAGGING INDICATORS

Loss Analysis

The Village of Schaumburg experienced zero (0) worker's compensation claims in October.

The following bullet points communicate the claim count and total incurred costs for the current fiscal year (May 1, 2023 to April 30, 2024).

- May 2023 - Zero (0) Claims, Total Incurred: \$0
- June 2023 - Zero (0) Claims, Total Incurred: \$0
- July 2023 - Zero (0) Claims, Total Incurred: \$0
- August 2023 - One (1) Claim, Total Incurred: \$1,100



Prepared By Amos Kaffenbarger, President

- September 2023 – Zero (0) Claims, Total Incurred: \$0
- October 2023 – Zero (0) Claims, Total Incurred: \$0

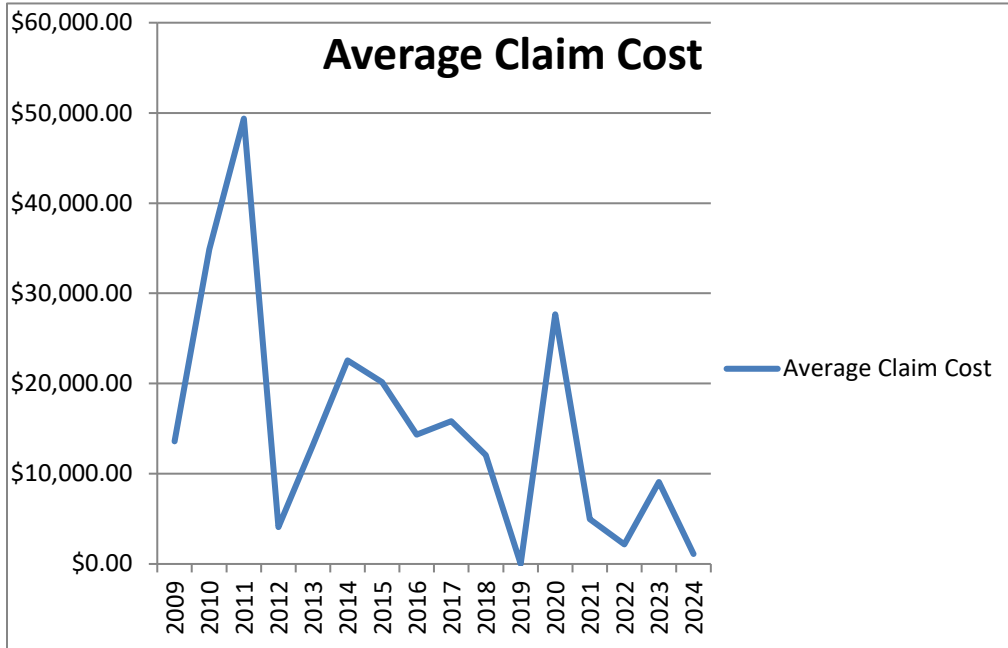
As of October 01, 2023, the 2022 / 2023 fiscal year Workers Compensation Cost per Labor Hour is .01 cents.

The final 2022 /2023 fiscal year Workers Compensation Cost per Labor Hour is thirty-three (\$.33) cents. The 2021 / 2022 fiscal year ended with Workers Compensation Cost Per Labor Hour at five cents (\$.05).

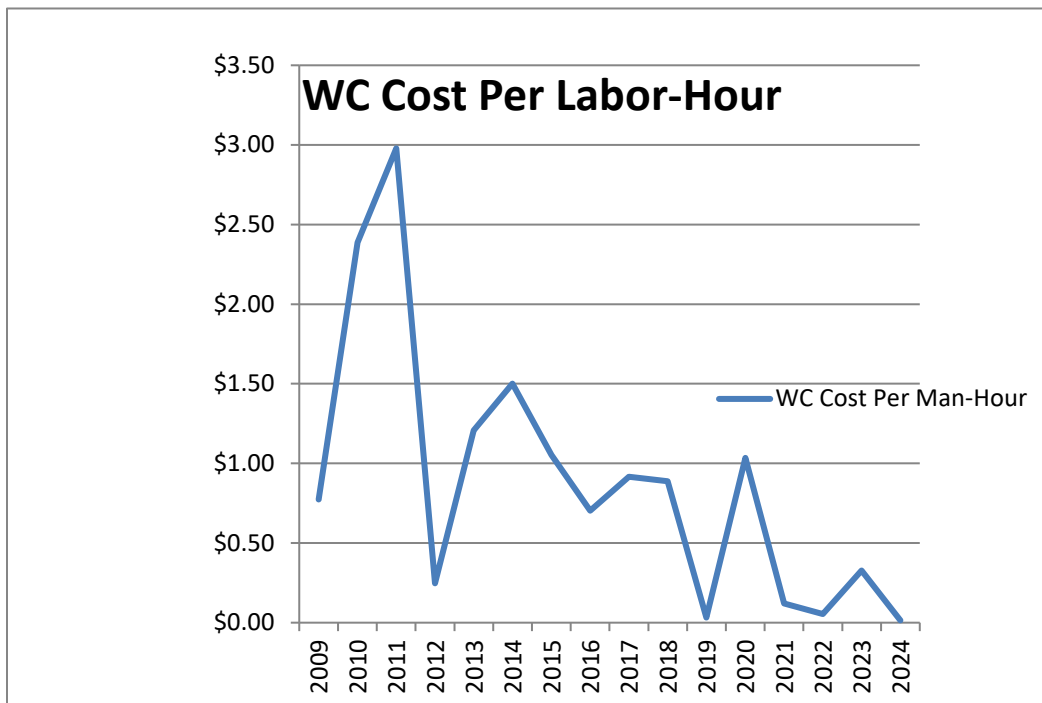
The following chart and graphs document the Village of Schaumburg’s Workers Compensation Costs by Fiscal Year (May 1st to April 30th) from 2009 to 2023. Data is valued as of November 1st 2023.

Fiscal Year	Hours Worked	Total Workers Compensation Losses	Workers Compensation Cost per Labor-Hour	Number of Claims	Average Claim Cost
2009	193,218	\$149,305.16	0.77	11.00	\$13,573.20
2010	204,541	\$488,195.17	2.39	14.00	\$34,871.08
2011	198,912	\$592,429.89	2.98	12.00	\$49,369.16
2012	198,733	\$49,168.13	0.25	12.00	\$4,097.34
2013	207,866	\$251,147.21	1.21	19.00	\$13,218.27
2014	210,218	\$315,744.46	1.50	14.00	\$22,553.18
2015	210,629	\$221,633.67	1.05	11.00	\$20,148.52
2016	204,144	\$143,371.66	0.70	10.00	\$14,337.17
2017	207,252	\$189,899.50	0.92	12.00	\$15,824.96
2018	217,622	\$193,152.24	0.89	16.00	\$12,072.02
2019	210,631	\$6,882.92	0.03	5.00	\$1,376.58
2020	240,762	\$248,926.64	1.03	9.00	\$27,658.52
2021	245,881	\$29,728.24	0.12	6.00	\$4,954.71
2022	204,103	\$10,916.13	0.05	5.00	\$2,183.23
2023	221,927	\$72,586.09	0.33	8.00	\$9,073.26
2024	111,490	\$1,100.00	0.01	1.00	\$1,100.00

The following graph documents the Village's Average Claim Cost by Fiscal Year



Village's Workers Compensation Cost per Labor-Hour by Fiscal Year





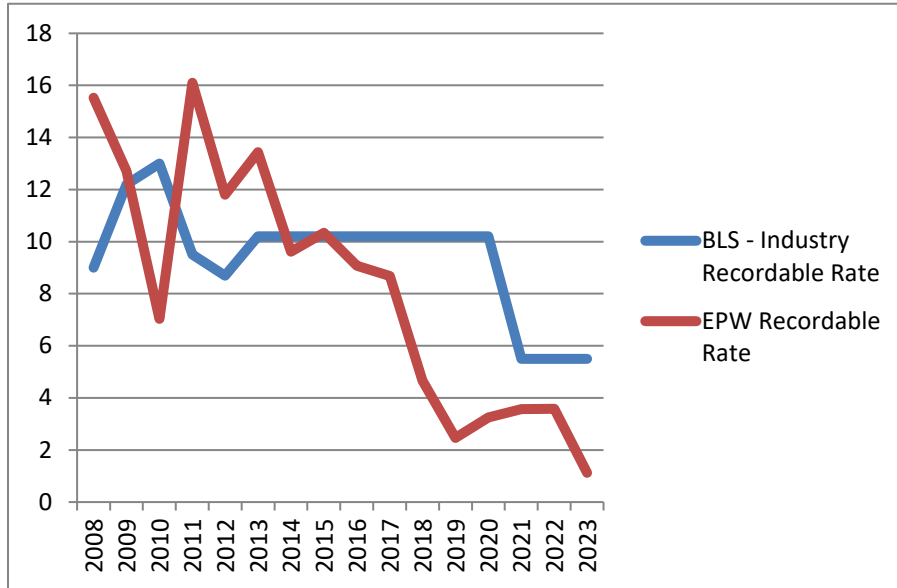
Prepared By Amos Kaffenbarger, President

The following chart and graph document the Village of Schaumburg’s OSHA Recordable Rate and DART Rate for the calendar year from 2008 to 2023. Data is valued as of November 1st 2023.

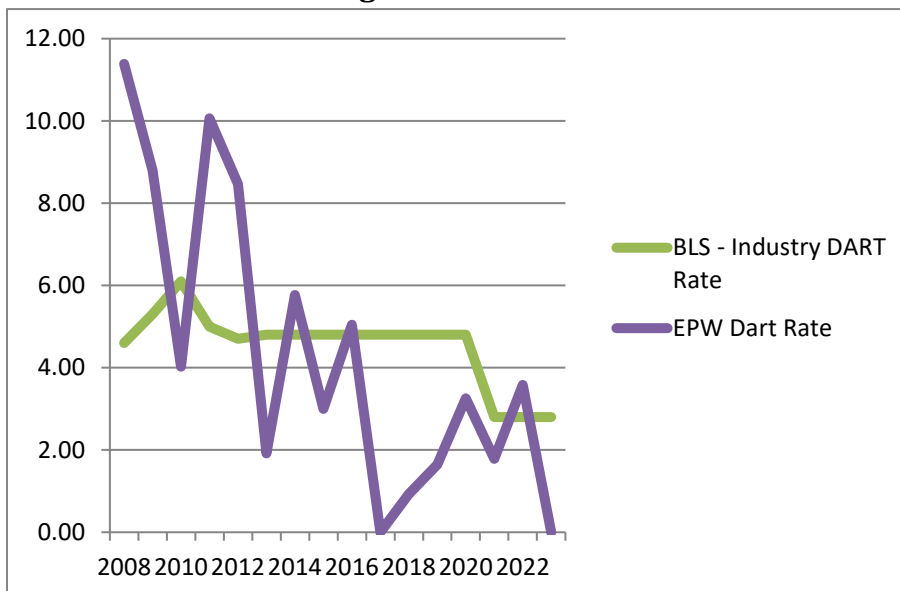
Calendar Year	Hours Worked	EPW Total Recordable Cases	BLS NAICS (23) Industry OSHA Recordable Rate	EPW OSHA Recordable Rate	EPW DART Cases (Days Away, Restriction or Transfer)	BLS NAICS (23) Industry OSHA DART Rate	EPW DART Rate
2008	193,218	15	9	15.53	11	4.60	11.39
2009	204,541	13	12.2	12.71	9	5.30	8.80
2010	198,912	7	13	7.04	4	6.10	4.02
2011	198,733	16	9.5	16.10	10	5.00	10.06
2012	203,333	12	8.7	11.80	9	4.70	8.85
2013	208,298	14	10.2	13.44	2	4.80	1.92
2014	207,916	10	7.9	9.62	6	3.90	5.77
2015	212,817	11	8.6	10.34	3	4.20	2.82
2016	198,316	9	8.0	9.08	5	4.10	5.04
2017	207,333	9	9.1	8.68	0	5.70	0.00
2018	212,108	6	5.4	5.66	2	3.00	1.89
2019	243,411	3	5.8	2.46	2	3.50	1.64
2020	245,953	4	5.5	3.25	4	2.80	3.25
2021	224,136	4	5.5	3.57	2	2.80	1.78
2022	223,281	4	5.0	3.58	4	2.60	3.58
2023	177936	1	5.0	1.12	0	2.60	0.00

EPW has experienced 1 recordable injury during the 2023 calendar year that resulted in medical treatment beyond first aid.

The following graph documents the Village's OSHA Recordable Rate compared to the Bureau of Labor Statistics NAICS (23) Local Government Construction Industry Average OSHA Recordable Rate



The following graph documents the Village's OSHA DART Rate compared to the Bureau of Labor Statistics NAICS (23) Local Government Construction Industry Average OSHA DART Rate



RESOLUTION NO. R-24-

A RESOLUTION AUTHORIZING THE VILLAGE MANAGER TO EXECUTE A THREE-YEAR AGREEMENT FOR ONSITE SAFETY CONSULTING SERVICES WITH ALLIANCE RISK CONTROL SERVICES, LLC

WHEREAS, the President and Board of Trustees wish to enter into a Three-Year Agreement with Alliance Risk Control Services, LLC, of Lombard, IL (the “Consultant”) for Onsite Safety Consulting Services; and

WHEREAS, the Consultant has submitted a proposal to perform Onsite Safety Consulting Services as required by the Village; and

WHEREAS, as part of the Onsite Safety Consulting Services, the consultant will provide necessary services to the Engineering and Public Works Department, including running the Safety Committee, reviewing accidents, training staff and other third-party consultants, performing safety inspections, providing monthly reporting, reviewing Drive Cam incidents, and tracking the safety incentive program; and

WHEREAS, it would be in the best interests of the citizens of Schaumburg to execute the attached Agreement, Exhibit “A” to provide for the same.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF SCHAUMBURG:

SECTION ONE: That the Village Manager be and hereby is authorized and directed to execute the attached Agreement, Exhibit “A”, between the Village of Schaumburg and Alliance Risk Control Services, LLC of Lombard, IL.

SECTION TWO: That the Village Manager be and hereby is authorized to sign any documents in furtherance of this Resolution.

SECTION THREE: That this Resolution shall be in full force and effect after passage and approval as required by law.

AYES:

NAYS:

ABSENT:

PASSED AND APPROVED this _____ day of _____, 2024.

Village President

ATTEST:

Village Clerk

AGREEMENT

THIS AGREEMENT, made this ____ day of ____, 2024 by and between the VILLAGE OF SCHAUMBURG, (hereinafter referred to as the “Village”), and Alliance Risk Control Services, LLC (hereinafter referred to as the “Company”), with regard to certain services in connection with the Safety Consulting Services (hereinafter referred to as the “Project”).

NOW THEREFORE, the Village and the Company, in consideration of the mutual covenants hereinafter set forth, agree to as follows:

1. The Company agrees to perform services in connection with the Project as hereinafter stated. The Company shall at all times observe and comply with all laws, ordinances, and regulations of the federal, state, and local governments, which may in any manner affect the preparation of proposals or the performance of the Agreement.
2. The Company has made a proposal to the Village, dated December 14, 2023 attached hereto and expressly made a part hereof.
3. This contract shall constitute the entire agreement and understanding by and between the parties hereto, and it shall not be considered modified, altered, changed, or amended in any respect unless done so in writing with signatures by both the Village and the Company.
4. The Company shall obtain, at its own expense, all permits and licenses which may be required to complete the Agreement, and/or required by federal, state, and local regulations and laws.
5. The Village does not discriminate on the basis of handicapped status in the admission of, access to, or treatment of employment in its programs and activities.
6. Not less than the prevailing wages as found by the Illinois Department of Labor shall be paid to laborers, workmen, and mechanics performing work under this Agreement.
7. Any payment made to the Company shall be strictly on the basis of quantum merit. The Company shall submit to the Village a detailed breakdown of hourly rates billed to date with each pay request. The detailed breakdown shall be based on the hourly rate breakdown contained in the approved proposal. The Village will pay the Company for the performance of the Agreement as follows:
 - A. Monthly payments based on actual work satisfactorily completed.
 - B. The total Agreement payment shall not exceed the budgeted amount.

C. Additions or deductions to the approved total amount for services shall be authorized in writing by the Village. Any out of scope work must be authorized in writing by the Village. Any work performed without written approval from the Village shall be solely at the expense of the Company.

8. The Company will perform those phases of the Project to which this Agreement applies, and will give consultation and advice to the Village during the performance of the services.
9. The Company will provide certificates of insurance evidencing the types and limits of insurance. Each insurance company shall be acceptable to the Village. The General Liability coverage shall name the Village as an additional named insured. All insurance is primary, and in no event will be considered contributory to any insurance purchased by the Village. All insurance will not be canceled, reduced, or materially changed without providing the Village thirty (30) days advance notice, via certified mail.

The Company shall not commence work under this contract until they have obtained all insurance required and such insurance has been approved by the Village, nor shall the Company allow any subcontractors (hererafter Subs) to commence work on their subcontract until the same insurance has been obtained by the Sub. The Company and their Subs shall maintain all insurance for not less than one (1) year after completion of this contract

Special Requirement: If the Company is an architectural or engineering firm, said Company shall file a certificate of insurance for professional liability, errors and omissions coverage subject to final acceptance by the Village of said coverage.

10. The Company will provide the services as required herein in accordance with the Project Schedule.
11. The Company will attend conferences and visit the site of the work as may be outlined in the Request for Proposal at any reasonable time when requested to do so by the Village.
12. The Company warrants that they are technically qualified and entirely conversant with the requirements of this Project; and that they have sufficient properly trained, organized, and experienced personnel and/or subcontractors to perform the services enumerated herein.
13. The Village and the Company each binds themselves and their partners, successors, executors, administrators, and assigns to the other party of this Agreement and to the partners, successors, executors, administrators, and assigns of such other party, in respect to all covenants of this Agreement; except as above, and as noted in the attachments, neither the Village nor the Company shall assign, subcontract, or transfer their interest in this Agreement without consent of the other. Nothing herein shall be

construed as creating any personal liability on the part of any officer or agent of any public body which may be a party hereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the Village and Company.

The Company may subcontract portions of the work upon written approval from the Village. These Subs shall conform, in all respects, to the applicable provisions specified and shall further be subject to approval by the Village. The Company shall identify all proposed Subs who will furnish services under the terms of this proposal. The work to be done by the Subs shall be outlined in detail in the proposal submitted by the Company. None of the services to be furnished by the Company shall be subcontracted, assigned, or transferred to any other party or parties without the written consent of the Village. The consent to subcontract, assign, or otherwise transfer any portion of the services to be furnished by the Company shall not be construed to relieve the Company of any responsibility for the fulfillment of this Agreement. Any request for payment to the company, for work that was subcontracted, shall be supported with a waiver of lien and contractor's affidavit indicating the subcontractor has been paid and waives any lien on the project or funds for the project.

14. The Company shall be responsible for any and all damages to property or persons arising out of an error, omission, and/or negligent act in the prosecution of the work or failure to prosecute the work and shall indemnify and save harmless the Village, its officers, agents, and employees from all suits, claims, actions, or damages of any nature whatsoever resulting therefrom. The Company shall assume all restitution and repair costs arising out of an error, omission, and/or negligence.
15. The Village agrees to review each and every phase of the Project as in the aforementioned proposal in a timely manner. Upon approval of each phase, the Company shall then proceed to the next phase.
16. All drawings, specifications, reports, and any other project documents prepared by the Company in connection with any or all of the services to be furnished thereunder shall be delivered to the Village for the expressed use of the Village. The Company does have the right to retain original documents, but shall cause to be delivered to the Village such quality of documents so as to assure total reproducibility of the documents delivered. All information, worksheets, reports, design calculations, plans, and specifications shall be the sole property of the Village unless otherwise specified in the negotiated agreement. The Company agrees that the basic survey notes and sketches, charts, computations, and other data prepared or obtained by the Company pursuant to the Agreement will be made available, upon request, to the Village without cost and without restriction or limitations as to their use. All field notes, test records, and reports shall be available to the Village upon request. The Village agrees to defend, indemnify, and hold harmless the Company from all claims, damages, and expenses arising out of such reuse or alteration by the Village or others acting through the Village.

17. The Village reserves the right by written amendment to make changes in requirements, amount of work, or engineering time schedule adjustments. The Company and the Village shall negotiate appropriate adjustments acceptable to both parties to accommodate any changes.
18. The Village may, at any time by written order, require the Company to stop all or part of the services required by this Agreement. Upon receipt of such an order the Company shall immediately comply with its terms and take all steps to minimize the occurrence of costs allocable to the services covered by the order. The Village will pay for costs associated with suspension provided they are deemed reasonable by the Village.
19. The Village reserves the right to terminate the whole or any part of this Agreement, upon ten (10) calendar days written notice to the Company. The Village further reserves the right to cancel the whole or part of the Agreement, if the Company fails to perform any of the provisions in the Agreement or fails to make delivery within the time stated. The Company will not be liable to perform if situations arise by reason of acts of God or public enemy, acts of Village, fires, or floods.

Should the Company fail to perform their Agreement to the satisfaction of the Village, the Village may, at its election, declare such contract terminated and at an end, reserving the right to maintain an action to recover damages arising due to breach of contract. Said election shall be made by a written notice to be sent by mail or served personally on the Company's office within ten (10) days from the date of default.

Upon termination, the Company shall cause to be delivered to the Village all surveys, reports, permits, agreements, calculations, drawings, specifications, partially and completed estimates, and data, as well as products of computer aided drafting, design, and writing that have been paid for by the Village. Cost of termination incurred by the Company before the termination date will be reimbursed by the Village only, if prior to the effective termination date, the Village receives from the Company a list of actions necessary to accomplish termination and the Village agrees in writing that those actions be taken. Upon receipt of the termination notice, the Company shall stop all work until said Agreement is reached.

20. The Village agrees to notify the Company at least twenty-four (24) hours in advance of the need for personnel or services.
21. Nothing contained in this Agreement, nor the performance of the parties hereunder, is intended to benefit, nor shall inure to the benefit of, any third party, including the Village's Contractors, if any.
22. This Agreement shall be binding upon the partners, heirs, successors, executors, administrators, and assigns of all the parties hereto.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed on the date first above written.

Village of Schaumburg, a municipal corporation

By: _____

Title: _____

Company: _____

Address: _____

Company/Consultant/Vendor

By: _____

Title: _____

Company: _____

Address: _____



Recommendation to Approve Completion of the Plans and Specifications for Bidding of the FY 24/25 Street Improvement Program

1/4/2024

Engineering and Public Works Committee

Presenter: Brent McQueen, Engineering Division Manager

Lead Department: Engineering and Public Works

Executive Summary:

Staff annually proposes a list of streets which are recommended for improvements for the upcoming construction year to the Engineering and Public Works Committee. After receiving Village Board approval, the team will proceed with the development of plans and specifications for bidding. The approval allows the Village to secure bids early in the construction season. This year's \$9.5 million annual Street Improvement Program includes the typical \$8 million program (street repair, reconstruction, and preventative maintenance) plus \$1.5 million of reconstruction in the Lamorak Subdivision (carried over from the 2023 program).

The proposed FY 24/25 Street Improvement Program is comprised of the following:

- Reconstruction - \$7.39 million (5.79 miles)
- Corrective Resurfacing - \$1.24 million (1.73 miles)
- Preventative Maintenance - \$240,000 (17.5 miles)

Estimated costs are based upon historical square foot costs tracked by our PAVER software program. Actual amounts will be dependent upon bids.

The FY 24/25 Street Improvement Program includes improvements to the Shoreline Circle Subdivision, Slingerland Subdivision, and others. The selection of street improvements has been coordinated with current projected water main improvements beyond 2024. The 2024 water main improvements were previously designed and include the replacement of the mains in the Lamorak subdivision.

The program also includes the reconstruction of approximately 4.78 miles of bike paths. The planned bike path improvements include improvements to the bike paths near Copley Center and paths along National Parkway, Schaumburg Road, Plum Grove Road, and others. The FY 24/25 bike path reconstruction includes \$500,000 budgeted in FY 24/25 plus an additional \$364,000 carried over from the FY23/24 budget.

The FY 24/25 Street Improvement Program will include additional roadway improvements utilizing remaining Rebuild Illinois funds. Village staff is currently working to finalize project closeout documents associated with the improvements to Walter Payton Drive. Upon project closeout, staff

will analyze the remaining available Rebuild Illinois funds (currently estimated at approximately \$600,000) and select potential street(s) for utilization of the funds. Staff will present the selected street(s) to EPW Committee for approval in the future.

The final scope of the FY 24/25 Street Improvement Program, including professional engineering services for construction and design, will be based on the approved funding. The scope includes:

- FY 24/25 Reconstruction, Modified Reconstruction and Corrective Resurfacing
- FY 24/25 Preventative Maintenance Improvements
- FY 24/25 Parking Lot Rehabilitation
- FY 24/25 Bike Path Improvements
- Program Pedestrian Enhancements
- FY 24/25 Concrete Repair Program, including:
 - FY 24/25 Curb Replacement Program
 - FY 24/25 Sidewalk Replacement Program
 - FY 24/25 Utility Dig Up Program

<i>Recommended Action:</i>

The Village Manager recommends that the Engineering & Public Works Committee recommend the Village Board approve completion of bidding plans and specifications for the FY 24/25 Street Improvement Program.

ATTACHMENTS:

Description	Type
▣ Memo	Cover Memo
▣ Map	Exhibit
▣ FY 24/25 Street Program List	Backup Material
▣ FY 24/25 Bike Path List	Backup Material



VILLAGE OF SCHAUMBURG

--- PROGRESSTHROUGHTHOUGHTFULPLANNING ---

Date: December 14, 2023
To: Village Manager
From: Brent McQueen, Engineering Division Manager
Subject: Recommendation to Approve Completion of Bidding Plans and Specifications for the FY 24/25 Street Improvement Program (SIP)
For: Engineering & Public Works Committee

Introduction:

The Village of Schaumburg owns and maintains approximately 207.67 centerline miles of streets. These streets are categorized into two networks:

- **Local Street Network:** consisting of residential streets, residential collectors, business, industrial and frontage roads.
 - **Vital Street Network:** consisting of FAU eligible routes that allow for funding assistance.
- The streets, in total, comprise the Village Street Network and are summarized in Table 1 below.

Village of Schaumburg Street Network

Local Street Network				
Classification	Centerline Miles	Percentage of Total Miles	Pavement Area (SF)	Percentage of Total Area
Residential	135.28	65%	20,344,671	59%
Residential Collectors	14.78	7%	2,301,176	7%
Business, Industrial, and Frontage Roads	18.07	9%	3,073,049	9%
Sub-Total	168.13	81%	25,718,896	75%
Vital Street Network				
Classification	Centerline Miles	Percentage of Total Miles	Pavement Area (SF)	Percentage of Total Area
FAU / TIF	39.09	19%	8,417,652	25%
Village of Schaumburg Street Network Totals				
Total Centerline Miles		Total Pavement Area (SF)		
207.67		34,208,580		

The network consists of three material types: flexible, rigid, and composite pavements. Flexible pavements are constructed with an asphalt surface on a gravel, asphalt or pozzolanic material base. Rigid pavements are constructed of concrete placed on a gravel or asphalt base. Composite pavements consist of asphalt surface material placed over a concrete base. The Village of Schaumburg Street Network consists of 200.1 centerline miles of streets that are the flexible type, 6.5 centerline miles are rigid pavements with the balance of 1.1 miles being composite pavements.

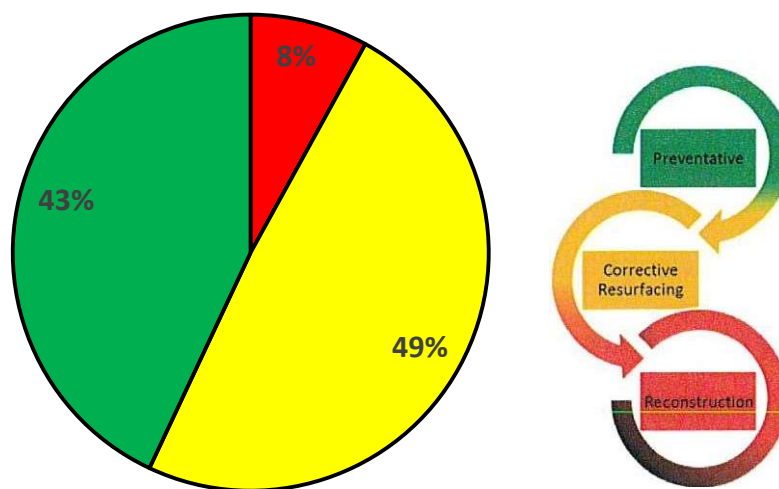
Engineering & Public Works

Discussion:

The operative goal for the Village's pavement management efforts remains to limit the span of time a street is in the reconstructive state, to approximately two years. The funding strategy that best allowed staff to achieve this was the application of a \$10 million funding strategy for 10 years. Given COVID-related funding challenges, programmed budgets were reduced to \$8 million per year for future years' programs.

Upon completion of the FY 24/25 Street Improvements, the following pie chart illustrates the percentage breakdown of the Local Network based upon our Pavement Management Plan (PMP) that categorizes our network into three categories (Preventative Maintenance, Corrective Resurfacing, and Reconstruction). The PCI thresholds for the three categories are 70 and above for preventative maintenance, 69 to 30 for constructive resurfacing, and 29 to 0 for reconstruction.

Pavement Condition following FY 24/25 Street Program



■ Reconstruction ■ Corrective Resurfacing ■ Preventative Maintenance

The scope of the FY 24/25 SIP reflects the Village's PMP utilizing data from the last comprehensive street network evaluation. Collective pavement patching efforts completed both contractually and by the Street Division will continue in FY 24/25. Staff has seen significant increases in the streets Pavement Condition Index (PCI) where these patching efforts have been completed. There is an ongoing effort to update the PMP with current PCI data. Engineering and Public Works expects to award a contract in spring of 2024 to inspect all the pavements in the streets network and build a new five-year Pavement Improvement Plan.

The FY 24/25 SIP of \$8.9 million consists of the following amounts based upon historical square foot costs tracked by our PAVER software program. Actual amounts will be dependent upon bids.

Street Repair Program:

Improvement Category	Amount
Modified Reconstruction/Reconstruction	\$7,391,000
Corrective Resurfacing	\$1,236,000
Preventative Maintenance (Crack Sealing/Reclamite)	\$240,000
Total Construction Dollars	\$8,867,000

The recommended FY 24/25 Street Improvement Program includes 17.5 miles of preventative maintenance, 1.73 miles of corrective resurfacing, 4.49 miles of modified reconstruction, and 1.30 miles of reconstruction. Pavement cores and bores are typically completed while the plans and specifications are being completed for these improvements. Based upon data received from the pavement cores and borings treatment changes may be recommended to the presented repair strategies.

The improvements for FY 24/25 are estimated to be consistent with the allotted budget. Should the bid results be less than the allotted budget, staff would make a recommendation to add streets to these improvements as funding and timing allows. However, if the bids exceed the allotted budget, staff will make a recommendation to omit streets within the improvements when awarded.

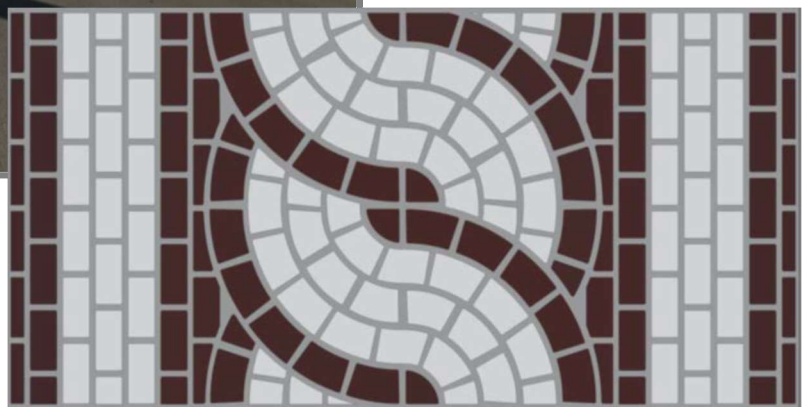
Attached is a map that illustrates the FY 24/25 Reconstruction, Modified Reconstruction, and Corrective Resurfacing streets. Also attached is a more detailed description of the pavement management strategies employed.

Pedestrian Enhancements:

Staff is also recommending pedestrian enhancements and is working with our Transportation Department to define the appropriate locations for these installations. The CIP program currently includes \$25,000 and \$150,000 for FY 24/25.

The pattern being utilized will be consistent with the “S” pattern being utilized in our residential areas. The pattern is illustrated below.

Pedestrian Enhancement illustration and pattern utilized in Residential areas:



Bike Path Reconstruction and Resurfacing Program:

The FY 24/25 Bike Path program will restore about 4.78 miles of bike paths and will construct a short leg at Walnut and Syracuse Lanes to connect two paths. The total cost is estimated at \$864,000. The list of the locations planned for work is attached.

Parking Lot Rehabilitation and Resurfacing:

The FY 24/25 Parking Lot Rehabilitation will include the parking lots listed below with their recommended maintenance activity.

FY 24/25 Parking Lot Rehabilitation

Location	Pavement Maintenance Activity
Well #20	Seal Coating
Schaumburg Airport	Seal Coating
Well #19	Seal Coating
Well #22	Seal Coating
Well # 2	Seal Coating
AMC	Seal Coating
Prairie Center South Lot	Seal Coating
Sch Baseball Parking Lot	Crack Sealing and Seal Coating
Commuter Lot	Crack Sealing and Seal Coating

Concrete Repair Program:

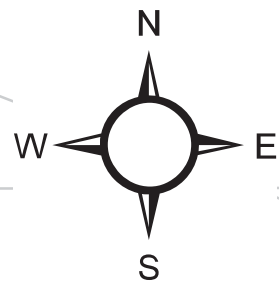
The 24/25 Concrete Repair Program will include the following work.

- **Curb Replacement Program:** This is an annual program consisting of replacing deteriorated curbs and gutter on village streets. Recommended locations are based upon Customer Service Request's (CSR) called in and evaluated by Engineering and Public Works staff to determine if replacement is warranted.
- **Sidewalk Replacement Program:** This is an annual program consisting of replacing deteriorated sidewalks on Village streets. Recommended replacement locations are based upon Customer Service Request's (CSR) called in and evaluated by Engineering and Public Works staff to determine if replacement is warranted.
- **Utility Dig Up Program:** This is an annual program that restores concrete and any adjacent asphalt restoration as a result of dig up repairs.

Funding Summary:

The funding indicated in this report will be proposed in the FY 24/25 budget CIP and subject to Village Board approval. The proposed funding summary chart is illustrated below:

Proposed FY 24/25 Funding for the 2024 Street Improvement Program and 2024 Concrete Repair Program		
Account	Program	Amount
4409010-7454	Street Repair and Reconstruction	\$7,320,000.00
4409010-7454	Street Repair and Reconstruction - Lamorak Subdivision (from 2023)	\$1,500,000.00
4409010-7454	Street Repair and Reconstruction - Phase II Design Services	\$145,000.00
4409010-7454	Street Repair and Reconstruction - Phase III Construction Services	\$800,000.00
Street Improvement Program Sub FY 24/25 Total		\$9,765,000.00
5124055-7453	Parking Lot Rehabilitation - Commuter's Lot	\$60,000.00
5729020-7457	Parking Lot Rehabilitation - Utility Fund	\$5,000.00
5114715-7501	Parking Lot Rehabilitation - Airport	\$31,000.00
5265110-7401	Parking Lot Rehabilitation - Ballpark	\$38,000.00
6804010-7405	Parking Lot Rehabilitation - Schaumburg Baseball Parking Lot	\$23,000.00
Parking Lot Maintenance Funding FY 24/25 Total		\$157,000.00
4409010-7451	Bike Path Rehabilitation - 2024	\$500,000.00
4409010-7451	Bike Path Rehabilitation - 2023 (left-over funds)	\$364,000.00
Bike Path Rehabilitation Funding FY 24/25 Total		\$864,000.00
4409010-7454	Curb Replacement Program	\$525,000.00
4409010-7456	Sidewalk Repair Program	\$500,000.00
5724060-7260	Utility Dig Up Repairs	\$290,000.00
2389010-7453	Town Square Concrete Paver Repairs	\$50,000.00
2024 Concrete Program Funding FY 24/25 Total		\$1,365,000.00
Total Proposed Funding Total for FY 24/25		\$12,226,000.00



Center Court
Arbor Glen Drive

Kristin Circle

Basswood Drive
Wiley Farm Court
Penny Lane

Woodland Drive

Stonewall Court

Shoreline Drive

Lamorak Drive

Slingerland Drive

Legend

2024

- 2024
- 2024 Contract 1
- 2024 Contract 2

Schaumburg Limits

Schaumburg Centerline

FY 24/25 Street
Improvement
Plan
Major M&R



Street Name	From	To	SectionID	Surface Type - Current	Predicted PCI	Length (ft)	Area (sf)	Treatment	Cost / sf	Total Estimated Budget - Contract 1	Total Estimated Budget - Contract 2
CORRECTIVE RESURFACING											
ARBOR GLEN BLVD	PAVEMENT CHANGE	WEST END	3104	AC	31.83	615	30,137	CR2	\$4.43		\$133,504.86
BERKLEY COURT	WEST END	TRAILS DR	2776	AAC	58.17	244	5,865	CR1	\$4.11	\$24,105.94	
CABLE COURT	KINGSTON LN	SOUTH END	2108	AAC	44.77	239	5,744	CR1	\$4.11	\$23,608.62	
CAPITAL COURT	WEST END	SLINGERLAND DR	240	AAC	55.51	200	4,799	CR1	\$4.11	\$19,723.99	
CAPRI LANE	WALNUT LN	SLINGERLAND DR	2472	AAC	42.65	574	16,659	CR2	\$4.43	\$73,798.19	
COLE COURT	NORTH END	KINGSTON LN	778	AAC	45.75	163	3,901	CR1	\$4.11	\$16,034.38	
EASTVIEW COURT	WEST END	TRAILS DR	3068	AAC	43.92	183	4,393	CR2	\$4.43	\$19,462.74	
KINGSTON LANE	COLE CT	CONCORDIA LN	1299	AAC	35.29	398	11,530	CR2	\$4.43	\$51,078.29	
KINGSTON LANE	CABLE CT	COLE CT	2269	AAC	32.92	342	9,925	CR2	\$4.43	\$43,968.01	
KRISTIN CIRCLE	IDLE WILD CT	WILLOW BROOK CT	1002	AAC	44.18	361	10,456	CR2	\$4.43		\$46,319.48
KRISTIN CIRCLE	WHITE OAK LN	CREST WOOD CT	1003	AAC	54.25	369	10,706	CR2	\$4.43		\$47,428.77
KRISTIN CIRCLE	SLEEPY HOLLOW C	EAST WOOD CT	2835	AAC	48.19	263	7,620	CR2	\$4.43		\$33,756.14
KRISTIN CIRCLE	WILLOW BROOK CT	SLEEPY HOLLOW C	2836	AAC	43.93	226	6,562	CR2	\$4.43		\$29,069.18
KRISTIN CIRCLE	CREST WOOD CT	IDLE WILD CT	2837	AAC	40.39	182	5,275	CR2	\$4.43		\$23,368.86
KRISTIN CIRCLE	EAST WOOD CT	ROSELLE RD	2838	AAC	60.41	562	16,289	CR2	\$4.43		\$72,158.27
KRISTIN DRIVE	WHITE OAK LN	ROSELLE RD	1004	AAC	47.41	700	20,301	CR2	\$4.43		\$89,933.19
LAKELAND DRIVE	SHORELINE CIR	MAPLEBROOK CT	2773	AAC	51.43	306	8,880	CR2	\$4.43	\$39,339.64	
LAKEVIEW POINT	SHORELINE CIR	EAST END	923	AAC	54.17	208	6,021	CR2	\$4.43	\$26,674.52	
SHORELINE CIRCLE	WINDWARD DR	PLUM GROVE RD	927	AAC	47.54	297	8,599	CR2	\$4.43	\$38,094.48	
SHORELINE CIRCLE	TRAILS DR	WINDWARD DR	3067	AAC	33.32	439	12,726	CR2	\$4.43	\$56,374.78	
SURFSIDE POINT	SHORELINE CIR	EAST END	1873	AAC	35.71	166	4,816	CR2	\$4.43	\$21,334.25	
TRAILS DRIVE	EASTVIEW CT	SCHAUMBURG RD	3071	AAC	31.85	233	6,754	CR2	\$4.43	\$29,918.10	
TRAILS DRIVE	BERKLEY CT	EASTVIEW CT	3070	AAC	59.66	262	7,588	CR2	\$4.43	\$33,615.26	
TRAILS DRIVE	SHORELINE CIR	BERKLEY CT	1884	AAC	44.59	369	10,693	CR2	\$4.43	\$47,368.97	
WHITE OAK LANE	KRISTIN DR	WHITE OAK CT	2834	AAC	31.53	400	15,086	CR2	\$4.43		\$66,831.13
WILEY FARM CT	WEST END	PLUM GROVE RD	1054	AAC	32.56	672	25,523	CR2	\$4.43		\$113,069.00
						Totals	8,971 ft	1.70 miles		\$564,500.15	\$655,438.88

MODIFIED RECONSTRUCTION - HEAVY PATCH											
ARBOR GLEN BLVD	NORTH BEND	PAVEMENT CHANGE	3105	AC	42.51	758	37,164	MR1	\$7.14		\$265,352.86
ARBOR GLEN BLVD	NORTH BEND	HILLCREST BLVD	3103	AC	32.73	1,264	61,953	MR1	\$7.14		\$442,342.21
BASSWOOD ROAD	COMMERCE DR	STATE PKY	2900	AC	26.66	2,149	64,210	MR1A	\$8.00		\$513,680.00
BRIDGEVIEW POINT	SHORELINE CIR	EAST END	1872	AAC	21.83	164	4,763	MR1	\$7.14	\$34,010.80	
CANNON COURT	WEST END	SLINGERLAND DR	2416	AAC	39.77	442	12,813	MR1	\$7.14	\$91,485.39	
CARR COURT	CONCORDIA LN	SOUTH END	1170	AAC	33.46	376	9,031	MR1	\$7.14	\$64,479.67	
CASE COURT	NORTH END	CONCORDIA LN	718	AAC	32.84	361	8,658	MR1	\$7.14	\$61,815.56	
CENTER COURT	CENTRAL RD	CENTRAL RD	1699	AAC	27.16	1,771	63,770	MR1A	\$8.00		\$510,160.08
CONCORDIA LANE	SLINGERLAND DR	CASE CT	2271	AAC	25.87	326	9,456	MR1	\$7.14	\$67,514.15	
CONCORDIA LANE	CARR CT	KINGSTON LN	1300	AAC	24.57	254	7,372	MR1	\$7.14	\$52,636.16	
CONCORDIA LANE	CASE CT	CARR CT	1301	AAC	33.38	193	5,604	MR1	\$7.14	\$40,009.50	
DOVER COURT	WEST END	SLINGERLAND DR	1304	AAC	30.18	235	5,649	MR1	\$7.14	\$40,332.22	
GREENHILL LANE	KIRK WALL LN	SUMMIT DR	2590	APZ	15.30	781	22,647	MR1	\$7.14		\$161,697.43
KINGSTON LANE	SLINGERLAND DR	CABLE CT	1298	AAC	32.70	422	12,224	MR1	\$7.14	\$87,281.34	
KINGSTON LANE	CONCORDIA LN	WALNUT LN	2270	AAC	35.76	319	9,240	MR1	\$7.14	\$65,972.64	
LAKELAND DRIVE	PLUM GROVE RD	SHORELINE CIR	2779	AAC	32.93	254	7,358	MR1	\$7.14	\$52,533.77	
LAMORAK DRIVE	WINGATE DR	PLUM GROVE RD	2586	APZ	28.04	201	5,832	MR1	\$7.14		\$41,638.60
PENNY LANE	WILEY RD	PLUM GROVE RD	1118	AAC	32.04	1,603	46,497	MR1	\$7.14		\$331,987.03
SHERWOOD LANE	PLUM GROVE RD	WINGATE DR	1694	APZ	19.43	283	8,211	MR1	\$7.14		\$58,627.52
SHORELINE CIRCLE	SCHOONER PT	STONE CIRCLE CT	3069	AAC	22.93	114	3,301	MR1	\$7.14	\$23,572.06	
SHORELINE CIRCLE	LAKELAND DR	SPINNAKER PT	3072	AAC	31.80	161	4,662	MR1	\$7.14	\$33,286.46	
SHORELINE CIRCLE	SURFSIDE PT	LAKELAND DR	3063	AAC	26.04	168	4,858	MR1	\$7.14	\$34,687.62	
SHORELINE CIRCLE	STONE CIRCLE CT	TRAILS DR	2775	AAC	22.03	187	5,427	MR1	\$7.14	\$38,748.78	
SHORELINE CIRCLE	SPINNAKER PT	SCHOONER PT	3064	AAC	29.51	212	6,139	MR1	\$7.14	\$43,830.66	
SHORELINE CIRCLE	BRIDGEVIEW PT	SURFSIDE PT	1874	AAC	22.33	252	7,322	MR1A	\$8.00	\$58,579.59	
SHORELINE CIRCLE	FAIRBANKS CT	BRIDGEVIEW PT	3061	AAC	20.33	139	4,033	MR1A	\$8.00	\$32,262.65	
SLINGERLAND DRIVE	NORWELL LN	DOVER CT	2122	AAC	38.68	108	3,139	MR1A	\$8.00	\$25,115.70	
SLINGERLAND DRIVE	DOVER CT	CARSON CT	2125	AAC	44.18	207	6,000	MR1A	\$8.00	\$48,000.95	
SLINGERLAND DRIVE	CARSON CT	CANNON CT	2127	AAC	21.08	212	6,156	MR1A	\$8.00	\$49,251.04	
SLINGERLAND DRIVE	CRANDON LN	CAPITAL CT	2265	AAC	39.98	161	4,671	MR1A	\$8.00	\$37,370.27	
SLINGERLAND DRIVE	CAPITAL CT	SYRACUSE LN	481	AAC	59.28	300	8,711	MR1A	\$8.00	\$69,691.40	
SLINGERLAND DRIVE	BROCKTON LN	CONCORDIA LN	719	AAC	25.68	453	13,143	MR1A	\$8.00	\$105,140.82	

Street Name	From	To	SectionID	Surface Type - Current	Predicted PCI	Length (ft)	Area (sf)	Treatment	Cost / sf	Total Estimated Budget - Contract 1	Total Estimated Budget - Contract 2	
MODIFIED RECONSTRUCTION - HEAVY PATCH (CONTINUED)												
SLINGERLAND DRIVE	CONCORDIA LN	NORWELL LN	720	AAC	32.58	140	4,058	MR1A	\$8.00	\$32,465.58		
SLINGERLAND DRIVE	CANNON CT	CAPRI LN	734	AAC	36.78	328	9,508	MR1A	\$8.00	\$76,064.30		
SLINGERLAND DRIVE	CAPRI LN	CRANDON LN	735	AAC	48.98	156	4,531	MR1A	\$8.00	\$36,251.44		
SLINGERLAND DRIVE	BROCKTON LN	WESTOVER LN	1162	AAC	35.07	279	8,099	MR1A	\$8.00	\$64,792.60		
SLINGERLAND DRIVE	WESTOVER LN	KINGSTON LN	2109	AAC	43.67	294	8,529	MR1A	\$8.00	\$68,228.68		
SLINGERLAND DRIVE	KINGSTON LN	WEATHERSFIELD WAY	1150	AAC	43.47	352	10,197	MR1A	\$8.00	\$81,577.82		
SPINNAKER POINT	SHORELINE CIR	EAST END	2781	AAC	45.76	170	4,935	MR1	\$7.14	\$35,234.93		
STONEWALL COURT	NORTH END	PLUM GROVE RD	2884	AC	38.48	848	24,585	MR1	\$7.14		\$175,537.71	
SUNFISH POINT	WINDWARD DR	EAST END	1875	AAC	44.30	173	5,017	MR1	\$7.14	\$35,822.51		
SUNFISH POINT	WATERFORD DR	WINDWARD DR	926	AAC	23.03	346	10,023	MR1	\$7.14	\$71,565.21		
SYRACUSE LANE	SLINGERLAND DR	WALNUT LN	3106	AAC	54.41	415	12,026	MR1	\$7.14	\$85,862.91		
WALNUT LANE	CAPRI LN	SYRACUSE LN	3121	APZ	38.27	761	28,173	MR1	\$7.14	\$201,157.59		
WALNUT LANE	SYRACUSE LN	SOUTH END	3122	APZ	26.22	157	5,822	MR1	\$7.14	\$41,571.79		
WATERFORD DRIVE	LAKELAND DR	MARINER PT	2780	AAC	43.43	180	5,212	MR1	\$7.14	\$37,215.72		
WATERFORD DRIVE	MARINER PT	NORTH END	928	AAC	38.61	324	9,401	MR1	\$7.14	\$67,125.99		
WINDWARD DRIVE	STARBOARD PT	SUNFISH PT	1883	AAC	42.48	106	3,081	MR1	\$7.14	\$22,001.38		
WINDWARD DRIVE	SUNFISH PT	SUNFISH PT	1882	AAC	50.77	108	3,143	MR1	\$7.14	\$22,440.97		
WINDWARD DRIVE	SHORELINE CIR	WATERFORD DR	933	AAC	39.42	132	3,828	MR1	\$7.14	\$27,333.13		
WINDWARD DRIVE	SUNFISH PT	WHITESAIL DR	929	AAC	50.55	187	5,418	MR1	\$7.14	\$38,686.32		
WINDWARD DRIVE	WATERFORD DR	STARBOARD PT	931	AAC	44.17	246	7,130	MR1	\$7.14	\$50,905.43		
WINGATE DRIVE	LAMORAK DR	BERKSHIRE LN	1693	APZ	46.18	302	8,766	MR1	\$7.14		\$62,586.98	
WOODLAND DRIVE	MAPLE PL	ARBOR SQ	3098	AC	40.73	265	8,211	MR1	\$7.14		\$58,627.83	
WOODLAND DRIVE	ARBOR SQ	VOS LIMITS	3102	AC	39.17	435	13,482	MR1	\$7.14		\$96,264.63	
						Totals	21,537 ft	4.08 miles		\$2,353,913.51	\$2,718,502.89	
MODIFIED RECONSTRUCTION - SUBBASE PREPARATION												
ELMONT COURT	LAMORAK DR	SOUTH END	2585	AAC	25.12	344	8,248	MR2	\$8.80		\$72,581.98	
HANOVER COURT	WEST END	SHORELINE CIR	2774	AAC	18.13	261	6,268	MR2	\$8.80	\$55,158.73		
LAKELAND DRIVE	WATERFORD DR	SHORELINE CIR	3062	AAC	23.23	282	8,175	MR2	\$8.80	\$71,942.68		
LAKELAND DRIVE	SHORELINE CIR	WATERFORD DR	308	AAC	49.97	456	13,212	MR2	\$8.80	\$116,266.74		
MAPLEBROOK COURT	NORTH END	LAKELAND DR	2783	AC	35.43	333	7,999	MR2	\$8.80	\$70,387.14		
STONE CIRCLE COURT	WEST END	SHORELINE CIR	3066	AC	11.33	277	8,023	MR2	\$8.80	\$70,604.31		
WATERFORD DRIVE	EAST END	WINDWARD DR	932	AAC	21.53	207	6,003	MR2	\$8.80	\$52,825.16		
						Totals	2,159 ft	0.41 miles		\$437,184.77	\$72,581.98	
RECONSTRUCTION												
BERKSHIRE COURT	WEST END	GARETH LN	391	APZ	31.00	473	13,718	RCN	\$9.08		\$124,558.53	
BERKSHIRE LANE	GARETH LN	WINGATE DR	1353	APZ	9.09	762	22,111	RCN	\$9.08		\$200,766.67	
BURKE COURT	NORTH END	LAMORAK DR	2219	APZ	18.44	405	11,747	RCN	\$9.08		\$106,662.00	
GARETH LANE	BERKSHIRE CT	LAMORAK DR	88	APZ	13.07	737	21,375	RCN	\$9.08		\$194,085.16	
LAMORAK COURT	LAMORAK DR	SOUTH END	2584	APZ	18.54	162	4,711	RCN	\$9.08		\$42,771.60	
LAMORAK DRIVE	LAMORAK CT	WINGATE DR	1251	APZ	12.29	270	7,823	RCN	\$9.08		\$71,029.50	
LAMORAK DRIVE	BURKE CT	ELMONT CT	2220	APZ	37.23	140	4,072	RCN	\$9.08		\$36,972.33	
LAMORAK DRIVE	ELMONT CT	TRENTON CT	2222	APZ	26.74	198	5,752	RCN	\$9.08		\$52,231.18	
LAMORAK DRIVE	TRENTON CT	LAMORAK CT	2223	APZ	36.70	150	4,352	RCN	\$9.08		\$39,520.55	
LAMORAK DRIVE	GARETH LN	BURKE CT	437	APZ	49.13	263	7,627	RCN	\$9.08		\$69,256.28	
MARINER POINT	WATERFORD DR	EAST END	2772	APZ	39.35	146	4,220	RCN	\$9.08	\$38,313.10		
SCHOONER POINT	SHORELINE CIR	EAST END	3065	APZ	4.83	169	4,889	RCN	\$9.08	\$44,391.05		
SHERWOOD LANE	WINGATE DR	GARETH LN	2218	APZ	12.67	993	28,783	RCN	\$9.08		\$261,352.68	
STARBOARD POINT	WINDWARD DR	EAST END	1876	APZ	19.49	174	5,047	RCN	\$9.08	\$45,828.31		
TRENTON COURT	NORTH END	LAMORAK DR	2221	APZ	11.79	513	14,883	RCN	\$9.08		\$135,140.94	
WHITESAIL DRIVE	EAST END	WINDWARD DR	924	APZ	6.63	255	7,401	RCN	\$9.08	\$67,199.55		
WHITESAIL DRIVE	WINDWARD DR	WATERFORD DR	925	APZ	18.26	353	10,228	RCN	\$9.08	\$92,866.34		
WINGATE DRIVE	SHERWOOD LN	LAMORAK DR	1695	APZ	11.49	705	20,444	RCN	\$9.08		\$185,631.80	
						Totals	6,868 ft	1.30 miles		\$288,598.35	\$1,519,979.22	
										Contract Total	\$3,660,725.50	\$4,966,502.97
										7.52 miles		

Location	From	To	Length (FT)	Area (SF)
Commerce Dr	Basswood Rd	Midpoint	1,005	8,040
Commerce Dr	Midpoint	Plum Grove Rd	981	7,848
Copley Center	Basswood Rd	Midpoint	892	7,136
Copley Center	Midpoint	Intersection	544	4,352
Copley Center	Intersection	State Pkwy	609	4,872
Grove Ave	Mercury Drive	Heron Ave	746	5,968
Grove Ave	Heron Ave	Springinsguth Road	1,096	8,768
Heron Ave	1950 Grove Ave Driveway	Gary Ct	125	1,000
Heron Ave	Butt Joint	Nature Ct	360	2,880
Heron Ave	Nature Ct	Grove Ave	567	4,536
Holmes Way	Barrington Rd	Odlum Dr	450	3,600
Holmes Way	Odlum Dr	Sierra Pass	806	6,448
Holmes Way	Sierra Pass	Schaumburg Rd	201	1,608
Knollwood Dr	Intersection	County Farm Ln	937	7,496
Knollwood Dr	County Farm Ln	Holmes Way	454	3,632
Meacham Rd	IL 62/Algonquin Rd	Drummer Dr	330	2,640
Meacham Rd	Drummer Dr	Thoreau Dr	508	4,064
Meacham Rd	Thoreau Dr	Driveway	627	5,016
Meacham Rd	IL 58/Golf Rd	Driveway	500	4,500
Meacham Rd	Driveway	American Ln	688	6,192
National Pkwy	IL 72/Higgins Rd	Target Driveway	462	3,696
National Pkwy	Target Driveway	Thacker St	836	6,688
National Pkwy	Thacker St	Beckett Ln	983	7,864
National Pkwy	Beckett Ln	Lorraine Pl	762	6,096
National Pkwy	Lorraine Pl	Schaumburg Rd	879	7,032
Odlum Dr	Holmes Way	Sierra Pass	1,189	9,512
Odlum Dr	Sierra Pass	Linden Park	606	4,848
Odlum Dr	Linden Park	Schaumburg Rd	679	5,432
Plum Grove Rd	IL 72/Higgins Rd	Stonewall Ct	661	5,288
Plum Grove Rd	Stonewall Ct	Conant High School	136	1,088
Plum Grove Rd	Julie Dr	Curve	655	5,240
Plum Grove Rd	Curve	Prince Edward Dr	628	5,024
Plum Grove Rd	Prince Edward Dr	Wise Rd	681	5,448
Schaumburg Rd	Plum Grove Rd	Orrington Ct	758	6,064
Schaumburg Rd	Orrington Ct	Dani Ct	295	2,360
Schaumburg Rd	Dani Ct	Intersection	924	7,392
Schaumburg Rd	Intersection	National Pky	775	6,200
Waterbury Ln	Schaumburg Rd	Wolcott Ct	150	1,200
Waterbury Ln	Wolcott Ct	Illinois Ave	517	4,136
Waterbury Ln	Illinois Ave	Cleveland Ct	250	2,000
			25,252	203,204

=> 203,204 SF x \$4.21/SF => \$855,489

Walnut Lane	Syracuse Lane	Hanover Park Bike Path	80	640
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=> 640 SF x \$10.00/SF => \$6,400

\$861,889			Total Estimated Cost	
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Recommendation to Approve the Design of the Ron Pande Memorial Fountain

1/4/2024

Engineering and Public Works Committee

Presenter: Tyler Quattrocchi, Engineering Project Manager
Lead Department: Engineering and Public Works

Executive Summary:

Located in Town Square, the Ron Pande Memorial Fountain was installed in 2003 and occupies one thousand square feet of common space adjacent to Oberweis Dairy store. The existing fountain has become overburdened with labor, repair and maintenance costs due to broken pipes, water loss and failing equipment.

In June 2023, staff solicited proposals from qualified firms to prepare design documents depicting improvements to the Pande Fountain. After careful consideration, staff selected Hitchcock Design, based on their qualifications and reputation among the splash pad and park district community regarding aquatic projects.

Staff and the consultant team have developed the attached exhibits detailing the proposed design which includes the following features.

- The hybrid design adopts traditional fountain design with water play features to make the space interactive and a traditional fountain.
- Existing masonry pedestals from the original design are proposed to remain and be converted to planters.
- The existing pavement to be demolished and replaced with a pedestal paver system.
- Water and Lighting feature fixtures.

The design team is working toward making a spring 2024 Bid Date for the project, Construction is expected to be completed in FY 24/25, with the fountain re-opening in the spring/summer of 2025. Staff is looking for Village Board approval to complete the final design documents based on the exhibits included in the item.

Recommended Action:

The Village Manager recommends that the Engineering and Public Works Committee recommend the Village Board direct staff to proceed with the proposed design concept for the Ron Pande Memorial Fountain.

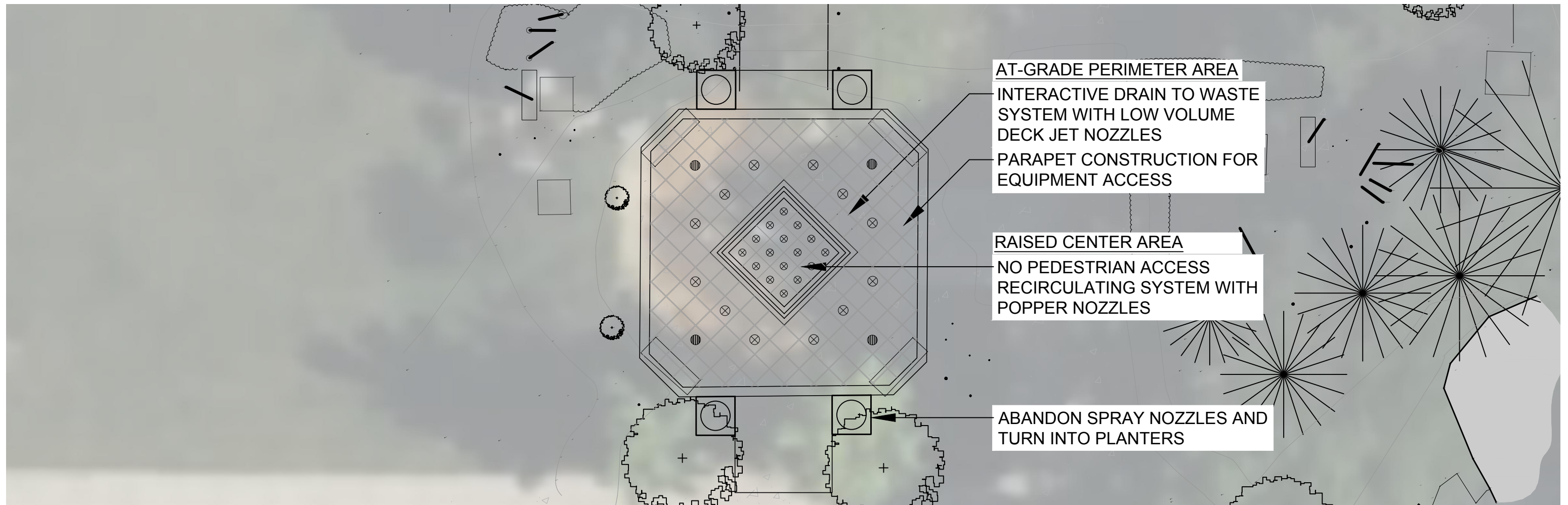
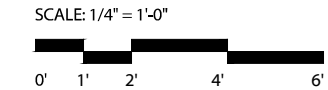
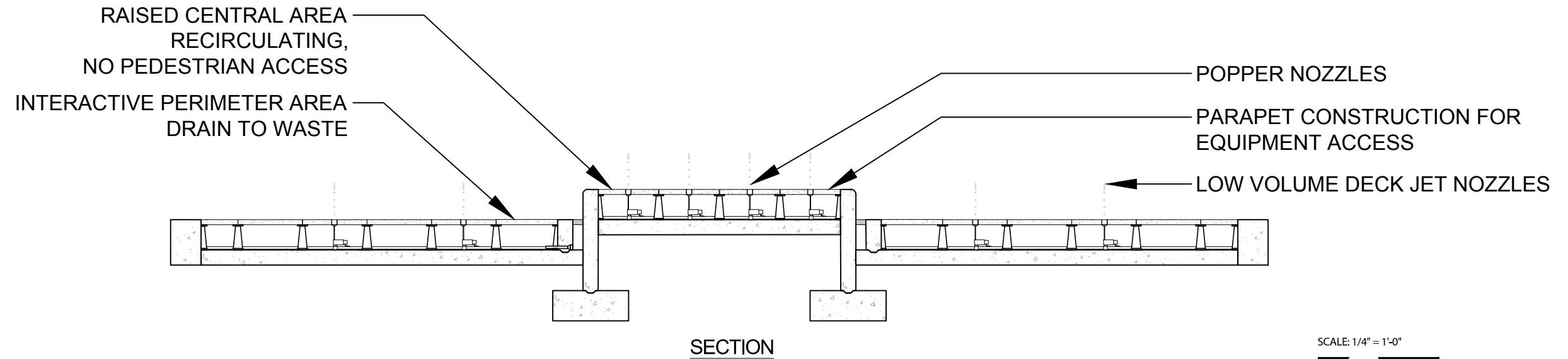
ATTACHMENTS:

Description

Type

- ▣ Design Plans
- ▣ Design Features

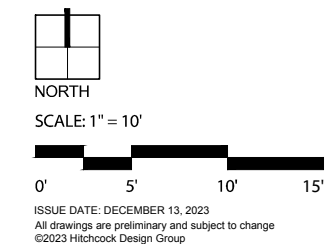
Exhibit
Exhibit



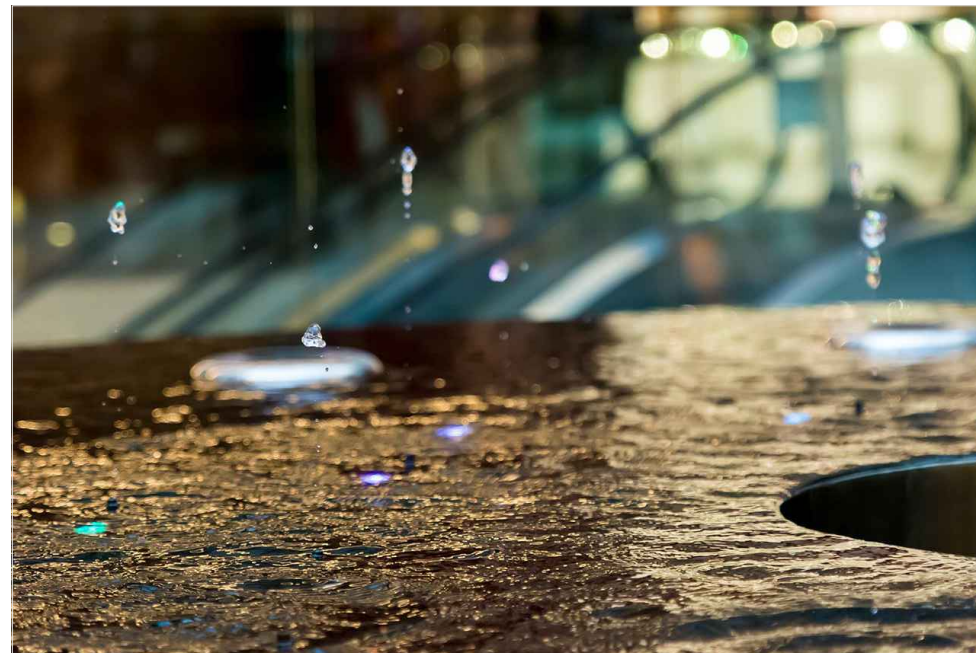
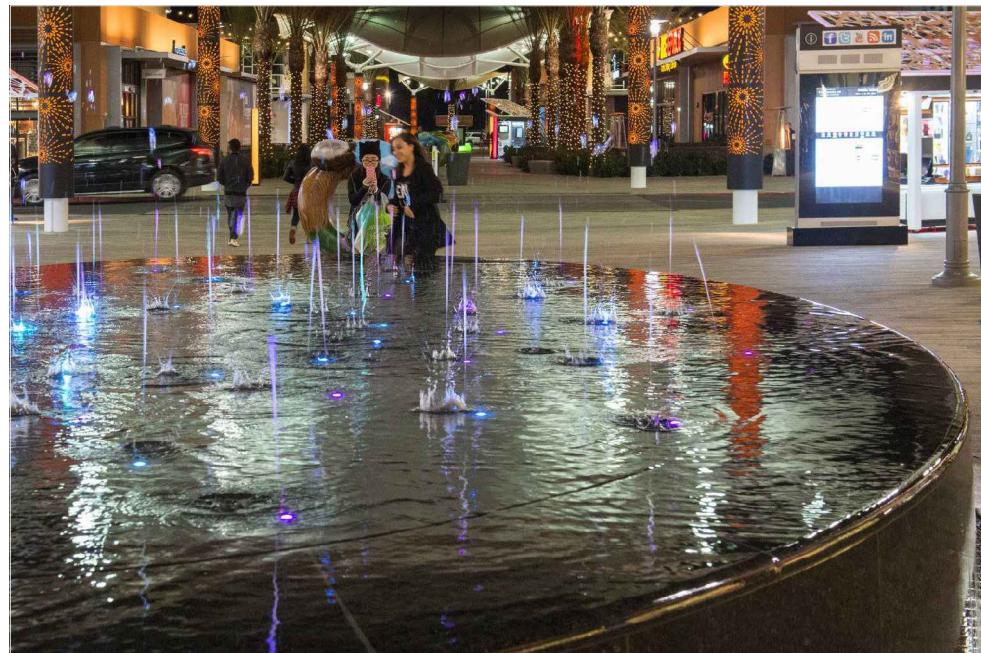
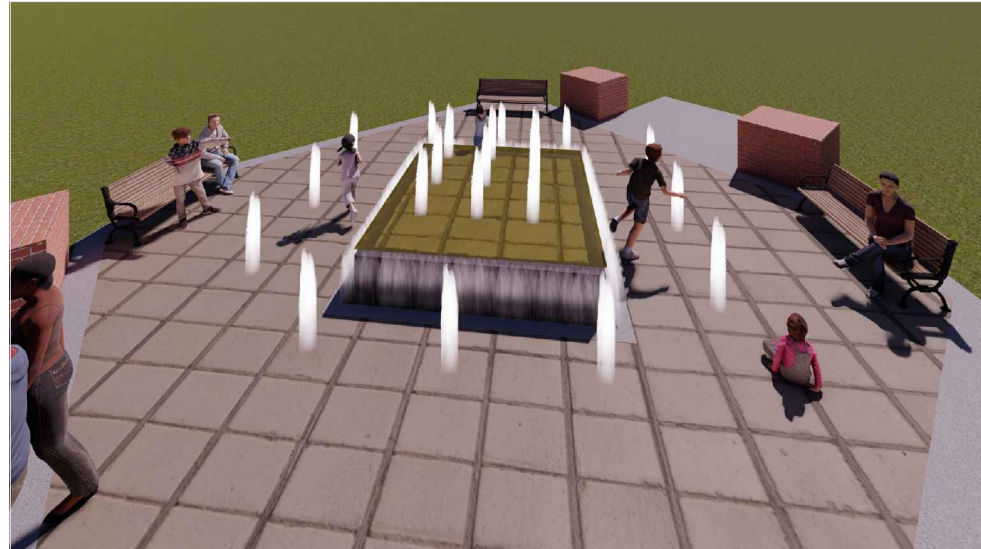
Design Concept

Pande Fountain Rehabilitation

Schaumburg, Illinois





PREPARED FOR:
Village of
Schaumburg
IN ASSOCIATION WITH:
Hydrodramatics



Design Concept - 3D Views and Comparable Images

Pande Fountain Rehabilitation

Schaumburg, Illinois


 NORTH
 SCALE: 1" = 10'

 0' 5' 10' 15'
ISSUE DATE: DECEMBER 11, 2023
 All drawings are preliminary and subject to change
 ©2023 Hitchcock Design Group

PREPARED FOR:
Village of Schaumburg
 IN ASSOCIATION WITH:
Hydrodramatics



CHAPMAN PLAY
AT SHAW







