AGENDA

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026 at 5:30 PM
Village Hall 740 Hillgrove Avenue, Western Springs, IL 60558

A. Call to Order

B. Roll Call

C. Approval of Minutes

1. Meeting Minutes from August 4, 2026

D. Public Comment

E. New Business

1. Vendor Contract with Layne Christensen Company for Well No. 3 Maintenance and Repair for an amount not to exceed $200,000.00.
2. Water Main Leak Repairs — Bid Waiver and Independent Contractor Authorization
3. Professional Services Agreement for Water Treatment Plant Improvements with CDM Smith, Inc.
4. Water Valve Replacement Project Update
5. Woodland Avenue Reconstruction Project Change Order 1 - No Cost Change Order Extension of Time
6. 2026 Road and Utility Program Change Order 1 - No Cost Change Order Extension of Time
7. Gilbert Avenue Resurfacing - Project Agreements & Resolutions
    a. Local Public Agency Agreement with IDOT (BLR 05310C)
    b. Construction Engineering Agreement with Baxter & Woodman (BLR 05530)
    c. Intergovernmental Agreement (IGA) with the Village of La Grange
    d. BLR 09110 Resolution for Improvement under the Illinois Highway Code (Supplemental MFT Resolution)
8. Hillgrove Avenue Improvements - Resolution of Support for the Illinois Transportation Enhancement Program (ITEP) Grant Application
9. Approval of a Master Services Agreements with Existing and Proposed Engineering Firms
10. Stormwater Master Plan Proposal

F. Other Business

1. OSS Cost Share Update
2. Hillgrove Avenue Improvements - Phase 1 Engineering Update
3. Water Update
4. Leaf Pickup Resident Survey - Update

G. Schedule Next Committee Meeting

H. Adjournment

Individuals with disabilities who plan to attend / participate in this meeting and who require accommodations to allow them to observe and participate, or who have questions regarding accessibility of the meeting or facilities, please email accommodations@wsprings.com or contact Jill Izzo at 708-246-1800, extension 127.

Public Works and Water Committee Meeting Minutes
Tuesday, August 4, 2026, 5:15 PM
Board Room
740 Hillgrove Ave
Western Springs IL 60558

Call to Order
5:15 PM Scott Lewis, Chairman-Trustee Presiding

Committee Members' Present:
Scott Lewis, Trustee, Chair
Karen Martin, Trustee
Heidi Rudolph, President

Committee Members Absent:
None

Staff Present:
Ellen Baer, Village Manager
Casey Biernacki, Deputy Village Manager
John Mastandona, Director of Finance
Jeff Koza, Director of Engineering Services
Diana Puga, Municipal Services Coordinator

Roll Call
As noted above.

Approval of Minutes:
Trustee Martin made a motion to approve the minutes of July 7, 2026 as read, seconded by Chair Lewis. Motion passed unanimously on a voice vote.

Public Comment- None.

New Business:

2027 Road and Utility Program - Design Engineering - V3 Companies
Director Koza reported on the 2027 Road and Utility Program and provided a proposal from V3 for design engineering work which includes topographic surveying, preparation of roadway and utility plans, evaluation of drainage structures, cost estimates, permitting coordination, and bid-phase support.

Chair Lewis made a motion to recommend to the Village Board the approval of the V3 Companies proposal for professional engineering services associated with the 2027 Road and Utility Program, seconded by Trustee Martin. Motion passed unanimously on a voice vote.

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Grand Avenue Improvements - Design Engineering - HR Green, Inc.
Director Koza reported on the Grand Avenue Improvement project and provided a proposal from HR Green for design engineering work which includes topographic surveying, roadway and utility design, permitting coordination, preparation of plans and specifications, cost estimating, and bidding assistance.

Chair Lewis made a motion to recommend to the Village Board a professional services agreement with HR Green association with the Grand Avenue Improvement project, seconded by Trustee Martin. Motion passed unanimously on a voice vote.

No Cost Change Order No. 1 for the Water Meter Replacement Project
Municipal Services Coordinator Puga reported due to staff needing additional time to reconcile residential account information there has been a delay in providing the Contractor the necessary information to schedule and complete the work. Staff recommended extending the contract completion date from September 30 to December 31, 2026.

Chair Lewis made a motion recommend to the Village Board the approval of no-cost Change Order No. 1 to extend the contract completion date to December 31, 2026, for the Water Meter Replacement project.

Leaf Pickup Resident Survey - Update (Discussion Only)
Deputy Village Manager Biernacki provided an update on the Leaf Pickup Resident Survey. A survey was made available to collect feedback on the leaf collection services. It was reported that 460 residents participated in the survey.

The Village has looked at a variety of areas for improvement of this service over the years and will continue collecting information and will collect data for alternatives to keep the same level of service to the residents. Staff reported any changes or improvements to the program will most likely occur in 2027.

There was no action required for this item.

Request for Qualifications for additional Professional Engineering Services (Discussion Only)
Engineering Services Director Koza reported that in the interest of the Village, staff issued a Request for Qualifications to add additional qualified firms to the existing roster of engineering consultants to ensure timely completion of the Capital Improvement Plan infrastructure projects. The Village received 13 qualification submittals and three were selected for interviews conducted on July 23. Staff is completing reference checks and preparing a formal recommendation.

There was no action required for this item.

Asphalt Street Patching & Public Works Yard Pavement Resurfacing Project - Bidding Update
Engineering Services Director Koza reported that the 2026 budget included two asphalt pavement rehabilitation projects funding by the Village's Motor Fuel Tax Funds. The project was advertised on July 23. Bids were originally scheduled for opening in July but required IDOT review which delayed the bid opening to August 6.

Staff will present the bid results and award recommendation to the Village Board at the August 10 Board meeting.

There was no action required for this item.

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Other Business

Water System Update (Discussion Only)
Municipal Services Coordinator Puga reported on the Pilot Test and Study of the Amiad System at the Water Treatment Plant and would present analysis and findings at a future committee meeting, on the water main repair responses during the month of July, on various Water Plant Repairs, the Phase 2 Lead Replacement Project, and the Well No. 3 repair bid.

Schedule Next Committee Meeting
The next Public Works & Water Committee meeting will be scheduled for September 1.

Adjourn
Chair Lewis motioned to adjourn the meeting, seconded by Trustee Martin. Motion passed unanimously on a voice vote.

Meeting adjourned at 5:43 PM

Respectfully Submitted: Diana Puga, Municipal Services Coordinator

DRAFT

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM E.1.

To: Public Works and Water Committee
From: Diana Puga, Municipal Services Coordinator , Ronald Derengowski, Water Plant Superintendent
CC: Matthew Supert, Director of Municipal Services, Ellen Baer, Village Manager
RE: Vendor Contract with Layne Christensen Company for Well No. 3 Maintenance and Repair for an amount not to exceed $200,000.00.

Recommendation

Consider a recommendation to approve a contract with the lowest cost, qualified, and responsive bidder, Layne Christensen Company, for the Well No. 3 maintenance and repair for an amount not to exceed $200,000.00.

Summary

The Municipal Services Department is responsible for the maintenance of the Village's water wells. The decision to service the well is generally based on performance decline, maintenance costs, and equipment lifespan. Generally, the pumps are serviced and pulled every 7–10 years. The last time Well # 3 was pulled and serviced was in 2019. Once pulled, a further assessment will be made to check the overall health of the aquifer, the condition of the column pipe, the pump bowl assembly, before performing general service and maintenance to the pump and motor.

An Invitation to Bid was issued to provide maintenance and repairs on Well No. 3 on Thursday, August 13, 2026. On Thursday, August 27, 2026, the Village received a total of five (5) bids. A summary of the bids is as follows:

Layne Christensen Company	$155,943.00
Water Well Solutions	$167,291.00
Municipal Well and Pump	$186,929.50
Great Lakes Water Resource Group Inc.,	$212,509.00
The Cahoy Group	$311,951.36

Staff recommends approving the lowest cost, qualified, responsive bidder, Layne Christensen Company, with a projected cost of $155,943.00, but not to exceed an amount of $200,000.00, after a full evaluation of the motor, column pipe, inspection, and rehabilitation occurs. The Village has previous experience working with Layne Christensen Company on similar projects.

Financial Impact

Account 4302510 62015
Fund Water
2026 Budget $200,000
Project Cost $155,943.00 pending additional repair or maintenance costs.

Recommended Motion

I move to recommend to the Village Board the approval of a contract with the lowest cost, qualified, and responsive bidder, Layne Christensen Company, for the Well No. 3 maintenance and repair, for an amount not to exceed $200,000.00.

Strategic Plan Alignment

Infrastructure Improvements

File Attachments

1. Well # 3 Bid Tabulations 26' Repair and Maintenance

Well No. 3 Maintenance and Repair			Layne Christensen Company		Water Well Solutions		The Cahoy Group		Great Lakes Water Resource Group Inc.,		Municipal Well and Pump	
	QTY	Unit	Unit Cost	Unit Extended Cost	Unit Cost	Unit Extended Cost	Unit Cost	Unit Extended Cost	Unit Cost	Unit Extended Cost	Unit Cost	Unit Extended Cost
Removal and reinstallation of roof for pulling	1	Lump Sum	$ 6,000.00	$ 6,000.00	$ 6,500.00	$ 6,500.00	$ 6,526.00	$ 6,526.00	$ 12,900.00	$ 12,900.00	$ 6,030.00	$ 6,030.00
Pull the existing well pump and column pipe (perform Byron Jackson Type H seal containment)	1	Lump Sum	$ 15,000.00	$ 15,000.00	$ 23,675.00	$ 23,675.00	$ 25,161.00	$ 25,161.00	$ 31,000.00	$ 31,000.00	$15,280.00	$ 15,280.00
BJ Type M Sealed 400HP 2300V Motor Service (including oil, change, and gaskets)	1	Each	$ 9,000.00	$ 9,000.00	$ 6,900.00	$ 6,900.00	$ 22,755.00	$ 22,755.00	$ 9,000.00	$ 9,000.00	$ 4,440.00	$ 4,440.00
Bowl Disassembly, Repairs and Reassembly (Machining to accept new wear rings and new bowl shaft)	15	Each	$ 665.00	$ 9,975.00	$ 1,590.00	$ 23,850.00	$ 8,068.00	$ 121,020.00	$ 1,020.00	$ 15,300.00	$ 670.70	$ 10,060.50
New#1/0 5KV cable shielded	900	Foot	$ 32.30	$ 29,070.00	$ 20.00	$ 18,000.00	$ 28.00	$ 25,200.00	$ 50.00	$ 45,000.00	$ 42.80	$ 38,520.00
New 2300V shielded flat cable for BJ motor (pig tail)	1	Each	$ 12,000.00	$ 12,000.00	$ 7,230.00	$ 7,230.00	$ 2,491.00	$ 2,491.00	$ 16,900.00	$ 16,900.00	$ 8,150.00	$ 8,150.00
Cut and Rethread 8" pipe ends	27	Ends	$ 200.00	$ 5,400.00	$ 124.00	$ 3,348.00	$ 176.00	$ 4,752.00	$ 175.00	$ 4,725.00	$ 142.60	$ 3,850.20
Furnish/Tighten/Install new 8" Couplings	10	Couplings	$ 200.00	$ 2,000.00	$ 216.00	$ 2,160.00	$ 323.00	$ 3,230.00	$ 350.00	$ 3,500.00	$ 573.00	$ 5,730.00
Crane and haul pipe from site and demob*		Each	$ 6,000.00	$ 6,000.00	$ 2,200.00	$ 2,200.00	$ 4,521.00	$ 4,521.00	$ 90.00	$ 1,350.00	$ 9,020.00	$ 9,020.00
Inspect and pressure wash all pipe*		Hours	$ 375.00	$ 3,000.00	$ 2,200.00	$ 2,200.00	$ 103.00	$ 5,150.00	$ 160.00	$ 1,600.00	$ 226.50	$ 4,530.00
New 8" T&C pipe to compensate for pipe depth loss	40	Foot	$ 67.50	$ 2,700.00	$ 118.00	$ 4,720.00	$ 120.00	$ 4,800.00	$ 139.00	$ 5,560.00	$ 151.80	$ 6,072.00
New 8" surge control valves	2	Each	$ 1,000.00	$ 2,000.00	$ 1,461.00	$ 2,922.00	$ 1,272.00	$ 2,544.00	$ 1,400.00	$ 2,800.00	$ 1,175.00	$ 2,350.00
Refurbish discharge head with new bolts and gaskets	1	Each	$ 1,900.00	$ 1,900.00	$ 2,500.00	$ 2,500.00	$ 880.00	$ 880.00	$ 2,950.00	$ 2,950.00	$ 750.00	$ 750.00
Well Inspection including TV Survey and report	1	Each	$ 1,350.00	$ 1,350.00	$ 1,600.00	$ 1,600.00	$ 3,498.00	$ 3,498.00	$ 1,600.00	$ 1,600.00	$ 3,090.00	$ 3,090.00
4 airlines to be replaced	3,548	Foot	$ 1.00	$ 3,548.00	$ 0.75	$ 2,661.00	$ 0.82	$ 2,909.36	$ 0.50	$ 1,774.00	$ 1.60	$ 5,676.80
Tape for wrapping column pipe compromised	1	Each	$ 750.00	$ 750.00	$ 250.00	$ 250.00	$ 11.00	$ 11.00	$ 290.00	$ 290.00	$ 130.00	$ 130.00
Miscellaneous Installation Items for Install (banding, etc.)	1	Misc.	$ 250.00	$ 250.00	$ 900.00	$ 900.00	$ 440.00	$ 440.00	$ 1,105.00	$ 1,105.00	$ 650.00	$ 650.00
Well Rehabilitation (Airburst) or proposed method based on condition	1	Lump Sum	$ 14,500.00	$ 14,500.00	$ 20,900.00	$ 20,900.00	$ 47,192.00	$ 47,192.00	$ 19,125.00	$ 19,125.00	$35,730.00	$ 35,730.00
Reinstallation and Testing	1	Lump Sum	$ 30,000.00	$ 30,000.00	$ 28,500.00	$ 28,500.00	$ 24,437.00	$ 24,437.00	$ 33,400.00	$ 33,400.00	$20,250.00	$ 20,250.00
Well Disinfection	1	Each	$ 500.00	$ 500.00	$ 1,400.00	$ 1,400.00	$ 3,191.00	$ 3,191.00	$ 350.00	$ 350.00	$ 4,590.00	$ 4,590.00
Electrical work to perform disconnection/ connection	1	Each	$ 1,000.00	$ 1,000.00	$ 4,875.00	$ 4,875.00	$ 1,243.00	$ 1,243.00	$ 2,280.00	$ 2,280.00	$ 2,030.00	$ 2,030.00
		TOTAL AS READ	$	155,943.00	$	167,291.00	$	198,999.00	$	212,509.00	$	186,929.50
		TOTAL AS CALCULATED	$	155,943.00	$	167,291.00	$	311,951.36	$	212,509.00	$	186,929.50
		DIFFERENCE (AS READ - AS CALCULATED)	$	-	$	-	$	(112,952.36)	$	-	$	-

*Quantities vary from Contractor to Contractor

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM E.2.

To: Public Works and Water Committee
From: Diana Puga, Municipal Services Coordinator
CC: Matthew Supert, Director of Municipal Services, Ellen Baer, Village Manager
RE: Water Main Leak Repairs — Bid Waiver and Independent Contractor Authorization

Recommendation

Consider a recommendation to waive competitive bidding in favor of independent contractor, Calumet City Plumbing, to perform leak repairs throughout the Village for an amount not to exceed $80,000.

Summary

The Municipal Services department deployed the Gutterman ZONESCAN correlating leak detectors in our distribution system and identified approximately eight (8) high priority areas with active leaks. Village staff solicited quotes directly from our existing pool of on-call utility repair contractors, authorized through Independent Contractor Agreements (R-25-2952), to perform the repairs.

Staff requested a quote from all three firms: Anchor Heavy Civil, LLC, IHC Construction Companies, and Calumet City Plumbing. A summary of the quotes is as follows:

Anchor Heavy Civil - Option 1 ($9,800 per repair)	$78,400.00
Anchor Heavy Civil - Option 2 ($11,500 per shift)	$92,000.00
Calumet City Plumbing	$71,500.00
IHC Construction Companies	$126,738.00

Based on the quotes, Village Staff recommend contracting with Calumet City Plumbing for an amount not to exceed $80,000. Calumet City's pricing is approximate as there are still quite a few unknowns based on the correlation reports provided. The not to exceed amount would allow for any incidentals in the field, which could include water main replacement or further investigations into the leaks.

This item was unanticipated and was not budgeted. Village staff has also advanced an item requesting a budget amendment at the Finance Committee to fund this project.

Financial Impact

Account 4303510 62020
Fund Water System
2026 Budget $0
Project Cost $80,000.00

Recommended Motion

I move to recommend to the Village Board waiving the competitive bidding process in favor of Independent Contractor, Calumet City Plumbing, to perform leak repairs throughout the Village for an amount not to exceed $80,000 pending approval of a budget amendment.

Strategic Plan Alignment

Infrastructure Improvements

File Attachments

1. Cal City Proposal - Leak Repairs
2. Anchor Heavy Civil - Leak Repairs
3. IHC - Leak Repairs

Calumet City Plumbing Co., Inc.

P.O. Box 150
Calumet City, Illinois 60409
PH: (708) 868-0074
FX: (708) 868-0102

TO:

Western Springs, Village of
740 Hillgrove
Western Springs, IL 60558

PHONE	DATE
708-246-1800	August 12, 2026
JOB NAME / LOCATION Water Main / Water Service Repairs Various Locations Western Springs, IL 60558	
JOB NUMBER 172372	

We hereby submit specifications and estimates for:

We propose to provide labor, equipment and material in order to make 7 repairs on water mains/water services in grass or street areas in various locations in Western Springs at the below addresses. Plumbing Contractor (PC) to saw cut, break and remove existing pavement (if required), excavate up to 7' deep to expose the existing main or service where the leak has been previously marked out by others and install a stainless steel repair clamp or cut and remove a section of copper/galvanized water service, install up to 5' of new matching diameter copper and make connection to existing piping with the required couplings. Main or service to be turned back on and checked for additional leaks. Excavation to be backfilled with existing dirt spoils or CA7/CA6 stone compacted in lifts to grade. Excess spoils to be hauled and stored at Village of Western Springs Public Works Yard for proper disposal by owner. Maintenance fo excavation and final restoration of same to be done by Village. Work to be performed on a time and material basis during normal business hours.

Approximate Cost per location:

5529 Howard Avenue: $9,500.00 - $11,000.00
3840 Rose Avenue: $9,500.00 -$10,500.00
1449 Walnut Street: $9,500.00 - $11,000.00
4745 Johnson Avenue: $7,500.00 - $8,500.00
239 Hampton Avenue: $$9,500.00 - $11,000.00
1332 Oak Street: No leak detected per leak survey report.
5229 Ellington Avenue: $7,500.00 - $8,500.00
4799 Franklin Avenue: $$9,500.00 - $11,000.00

Additional Approximate Cost of $1,500.00 to remove and replace up to 5' of water main (if required).

Payment to be made in full within 30 days of completion of work.

Price does not include the following items:

Any City, County, or State fees, permits or additional bonding.

We Propose hereby to furnish material and labor - complete in accordance with the above specifications, for the sum of:

($).

Payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon delays beyond our control. Purchaser agrees to pay all costs of collection, including attorney's fees. This proposal may be withdrawn by us if not accepted by the above due date .

Authorized Signature _____

Note: This proposal may be withdrawn by us if not accepted within 28 days.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____

Date of Acceptance: _____

Signature: _____

Calumet City Plumbing Co., Inc.

P.O. Box 150
Calumet City, Illinois 60409
PH: (708) 868-0074
FX: (708) 868-0102

TO:

Western Springs, Village of
740 Hillgrove
Western Springs, IL 60558

PHONE	DATE
708-246-1800	August 12, 2026
JOB NAME / LOCATION Water Main / Water Service Repairs Various Locations Western Springs, IL 60558	
JOB NUMBER 172372	

We hereby submit specifications and estimates for:

Removal and replacement of pipe including couplings/materials.
Traffic control such as but not limited to lane closures/detours.
Saw cutting of concrete or pavement greater than 8" in depth.
Any restoration such as, but not limited to grass/shrubbery, asphalt or concrete work of any kind or maintenance of excavated area.
Any additional repairs, piping or corrections not listed above or those which could be exposed through the course of construction.
Additional costs for abnormal ground conditions such as, but not limited to, excessive dewatering, rock, frozen ground and / or slag removal.
Plumbing Contractor is not responsible for damage to any unlocated secondary underground private utilities.

We Propose hereby to furnish material and labor - complete in accordance with the above specifications, for the sum of:

($).

Payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a professional manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon delays beyond our control. Purchaser agrees to pay all costs of collection, including attorney's fees. This proposal may be withdrawn by us if not accepted by the above due date .

Authorized Signature _____

Note: This proposal may be withdrawn by us if not accepted within 28 days.

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: _____

Date of Acceptance: _____

Signature: _____

August 25, 2026

Village of Western Springs
740 Hillgrove Avenue, Western Springs, Illinois 60558

Attn: Diana Puga
Re: Leak Repairs – Multiple Locations in Western Springs

To the Village of Western Springs,

ANCHOR HEAVY CIVIL, LLC. ("Anchor") is pleased to offer the following proposal to perform the scope of services as Requested to perform water main leak repairs at multiple locations in Western Springs (List below):

- 5529 Howard
- 3840 Rose Ave
- 1449 Walnut St
- 4745 Johnson Ave
- 239 Hampton Ave
- 1332 Oak St
- 5229 Ellington Ave
- 4799 Franklin Ave

Option 1 (Recommended): $11,500 per shift, anticipate 1-2 repairs completed per day.
Option 2 (price per each): $9,800.00 EA

Quote Validity Period: Quote is Valid for 30 days

Inclusions:

- Utility Locates
- Excavation and trench shoring required
- Hauling & dumping removals (dump site to be provided by Western Springs)
- Backfill & compaction, graded to subgrade
- All EZ Valve tools & materials provided by Anchor
- Labor & Equipment as needed to perform all repairs

Exclusions:

- This excludes materials (stone backfill, repair clamps, and excludes all road restoration and landscaping, assuming Western Springs will provide materials & perform road patching)
- Traffic Control other than flagging
    - Lane closures if required are $2500 EACH
- Restoration for damage caused by others
- As-Built Drawings, Engineering or stamps
- Any extra work not referenced in the quoted scope

- Job Specific Training / Badging
- Landscaping / seeding
- Bonds & Permits

All work shall be completed in a proper workmanlike manner according to Owner's specification & direction for the price proposed above. Prices are valid for 30 days. We are committed to working closely with your team to ensure safe, cost-effective and quality-driven services.

Sincerely,

Anchor Heavy Civil, LLC
312 N May, Suite 100, Chicago, IL 60607
(708) 765-3967
contact@anchorheavycivil.com
estimating@anchorheavycivil.com

T&M BUDGET PROPOSAL

Date: 8/28/26
To: Village of Western Springs
740 Hillgrove Ave
Western Springs, IL 60558
Attn: Diana Puga
(Customer)

Tel: 708-246-1800
Fax:
Cell:
Email: dpuga@wsprings.com

Project Name & Location: Various Leak Repairs – Western Springs, IL

We are pleased to quote the following prices to complete the scope of work at the above location in accordance with the project description listed below:

Proposal Description:

This time and material budget proposal is based upon the repair of leaking water facilities at 9 locations within the Village of Western Springs based upon the project information provided via email on August 20, 2026. This proposal is to be utilized for budgetary purposes only all invoicing will be based upon actual labor, equipment, material, and subcontractors utilized to complete the repairs. We have proposed this budget due to numerous unknown factors in relation to these repairs.

Time & Material Budgetary Proposal Price: $126,738.00

Pricing is based upon soft soil, free from obstructions, rock, cobbles, debris or contaminates. IHC is not responsible for loss of locate wire or coating damage if any shall occur during pullback operations.

IHC Construction Companies, LLC. to provide:

Labor, Equipment, and Materials as required to complete the scope of work described above.

Customer to provide:

Bonds, Permits, Inspections, Private Utility Locates, Utility Televising, Layout/Staking, Clearing, Site Access, Location for Spoil Disposal and Tipping Fees within 3 Miles of the Project Site, All Granular Fill as required.

Terms are invoice upon completion, net 30 days; 0% retainage withheld; subject to Standard Terms & Conditions below; construction schedule subject to rig availability; proposal expires 30 days from date of issue.

Initial _____

Standard Terms & Conditions
The following provisions are incorporated into and form a part of this Proposal.

1. CUSTOMER understands that **IHC Construction Companies, LLC** and its personnel are not design engineers and have not designed the work to be performed by **IHC Construction Companies, LLC**, or made any determination of its suitability for the purpose sought to be achieved by **CUSTOMER**. Therefore, **IHC Construction Companies, LLC** shall not be responsible for any problems, delays, loss, cost, liability, or expense (either foreseen or unforeseen) caused by errors or defects in any part of the project design or the design and/or specifications applicable to **IHC Construction Companies, LLC'**s work.
2. *ROCK*: If rock or other subsurface physical conditions differ materially from those indicated to **IHC Construction Companies, LLC** and as a result cause increase in **IHC Construction Companies, LLC'**s cost of, or the time required for performance of, any part of **IHC Construction Companies, LLC**'s work whether or not changed as a result of such conditions, an equitable adjustment (determined by IHC Construction Companies, LLC.) shall be made and the contract between the **CUSTOMER** and **IHC Construction Companies, LLC** modified accordingly.
3. **CUSTOMER** shall obtain, provide, and pay for all permits required to perform the work undertaken by **IHC Construction Companies, LLC**
4. STANDBY: If **IHC Construction Companies, LLC** is delayed for any reason (other than its fault), **CUSTOMER** shall pay **IHC Construction Companies, LLC** a standby rate of $750.00 per each hour of delay.
5. *UTILITIES*: Although **IHC Construction Companies, LLC** will follow state laws by adhering to One-Call utility locating procedures, some site utilities may not be included in the one call process. In an effort to avoid utility disruption, it is the responsibility of the **CUSTOMER** to provide **IHC Construction Companies, LLC** with the most accurate information as to the location and alignment of possible site utilities. It is **IHC Construction Companies, LLC**'s policy to visually verify the depth and location of each and every located underground utility in the immediate vicinity of directional bore path without exception. It shall be the **CUSTOMER** responsibility for damage and repairs to any utilities, which **IHC Construction Companies, LLC** is not permitted to expose and verify location of. Further, **IHC Construction Companies, LLC** shall not be responsible for damage to utilities in the event that adequate time is not allowed to obtain a proper One-Call ticket. The owner/customer will indemnify and defend **IHC Construction Companies, LLC** from any claims that may arise from inaccurate or missing utility locate information.
6. *CLEAN UP*: **CUSTOMER** will provide all backfilling, all landscape restoration, grading, and clean-up of the job site, will provide all necessary traffic control for both entry and exit locations, and will pay for all costs associated with the disposal of uncontaminated drilled solids.
7. *PRICING*: The lump sum pricing submitted **does not** include handling, testing, storage, or disposal of any contaminated soils.
8. *PAYMENT*: **CUSTOMER** shall pay for services rendered in full on the date of completion of the job, or receipt of an invoice, whichever occurs first. Any invoice thirty days overdue is subject to 1.5% per month service charge. Any costs of collection on monies owed shall be borne by the CUSTOMER. This includes, but is not limited to, court costs, attorney fees and interest. All contracts with values of less than $3,500.00 and all contracts with private homeowners are due in full upon completion. The governing law is the State of Illinois; jurisdiction and venue is Kane County, Illinois.
9. *GROUND CONDITIONS*: SOIL CONDITIONS/CHANGED CONDITIONS/CHANGE IN SCOPE OF WORK: Proposed auger/boring is based on machine boring in suitable, dry sand or clay soils. In the event that rock, boulders, debris, loose gravel, flowing materials or other unsuitable materials or obstructions are encountered, which in our opinion prohibit boring, **CUSTOMER** agrees to reimburse **IHC Construction Companies, LLC** for costs incurred attempting to accomplish the crossing. **IHC Construction Companies, LLC** will not be responsible for any voids created outside the casing while boring or tunneling through gravel, cobbles or unstable soil. If **CUSTOMER** requests that a crossing be completed by a means other than auger/boring, a change in price will be negotiated which is mutually agreeable to both parties. If occasional cobbles/boulders are encountered and impassable be boring, additional costs for removal, or attempted removal, of same will be billed at an hourly rate. If crossing a waterway, **CUSTOMER** will attempt ensure that there is sufficient cover to prevent any infiltration of water or loss of overburden. Prices do not include provisions for working in or adjacent to contaminated or hazardous materials.
10. *GRADE BORES*: All gravity sewer pipe installed by horizontal directional drilling methods will contain some annulations; therefore, **IHC Construction Companies, LLC** does not guarantee grades on pipe installed by horizontal

directional drilling methods. Further, **IHC Construction Companies, LLC** does not guarantee pipe installed in adverse ground conditions, such as cobble and gravels.

11. *BACKCHARGES*: **IHC Construction Companies, LLC** will not accept notice of any back charges, except under the following conditions:

a) **CUSTOMER** must notify **IHC Construction Companies, LLC** in writing within 48 hours of its decision to charge **IHC Construction Companies, LLC**'s account; and

b) Upon receipt of the notice, **IHC Construction Companies, LLC** will have 72 hours to respond to the cause of this notice, and to accept or reject said charges; and

c) If **CUSTOMER** and **IHC Construction Companies, LLC** do not reach an agreement for settlement of back charge, parties agree to arbitrate their differences before the American Arbitration Association, the decision of which shall not preclude either party from seeking other remedies but will determine if the **CONTACTOR/OWNER** can withhold any funds from **IHC Construction Companies, LLC** because of the dispute.

12. **IHC Construction Companies, LLC** is not liable for special, indirect, consequential, or punitive damages, and its total liability is limited to the compensation received for services performed on this project. There are no implied warranties. When this Proposal is accepted by the Customer by signing below, it is the complete and entire agreement regarding the project, without other documents. It supersedes and replaces all previous agreements and understandings and cannot be changed except by a written amendment signed by the parties.

Formal Agreement

By signing below, Customer accepts this Proposal and contracts with IHC Construction Companies, LLC. on the terms and conditions set forth in this document. After an authorized representative of the Customer has signed below and initialed the bottom of the first page, please return one copy to IHC Construction Companies, LLC by email, fax, or hard copy.

Customer	**IHC Construction Companies, LLC**
By: _____	**By:** _____
Printed name: _____	**Printed name:** _____
Title:_____	**Title:**_____

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM E.3.

To: Public Works and Water Committee
From: Ronald Derengowski, Water Plant Superintendent
CC: Ellen Baer, Village Manager, Matthew Supert, Director of Municipal Services
RE: Professional Services Agreement for Water Treatment Plant Improvements with CDM Smith, Inc.

Recommendation

Consider a recommendation to approve a professional services agreement with CDM Smith, Inc. for engineering services related to improvements at the water treatment plant for an amount not to exceed $59,630.00.

Summary

Attached you will find the scope of services provided by CDM Smith, Inc. for the evaluation, design, and engineering recommendations to enhance and improve water treatment capabilities. The Village has worked with CDM Smith, Inc. in the past when they engineered the Low-Pressure Reverse Osmosis Plant, which began operating in 2013.

There are three (3) main areas that CDM Smith, Inc. will evaluate and provide recommendations for improvement within the Water Treatment Plant:

1. Replacing the existing 1,100-gallon double-wall sodium hypochlorite bulk tank. With proper material selection, UV protection, vent management, and maintenance, a double-wall sodium hypochlorite tank can serve reliably for a decade or more. The water treatment plant has been fortunate that the chemical storage tank has functioned and exceeded the expected 10-year timeframe with its use of nearly 13 years, but it is requiring replacement as the inner wall is compromised. CDM Smith, Inc. will evaluate alternatives for replacement since there are structural constraints that limit the sizing and type of tanks and its containment system.
2. The water treatment plant is anticipating pipe lining to enhance the longevity of 110’ of pipe that is located between the reservoir and treatment plant. This will allow water drawn from Well# 5 to enter the treatment plant through that piping. Current operations mainly allow water drawn from Well #5 to primarily be placed in the reservoir. Modifications to the raw water piping and equipment will improve operational flexibility and treatment through both process trains, which will enable treatment to occur when a well goes down for scheduled maintenance or emergency repairs, and allow better well rotation which may prolong the health and stability of the aquifer.

3. Well # 4 Reverse Osmosis (RO) System Modification. The current operational set-up for well #4 RO vessel treatment is a two-stage configuration where 14 vessels exist in the first stage and 7 vessels in the second stage. Well # 3 is a two-stage configuration where 16 vessels treat the first stage and 8 vessels treat the second stage. The addition of vessels on the Well # 4 skid will allow more water to be treated. Current operations allow a 55% treated/45% blend of the finished water after treatment through Well #4. Additional vessels will change the percentage of blended water after treatment to allow a similar 70% treated/30% blended consistency for finished water after treatment which is currently processed through RO skid # 3. Improvements will result in additional treatment capacity and provide additional benefits to water quality.

Financial Impact

Account Water Fund
Fund 4302510 62015
2026 Budget $60,000.00
Project Cost Not to exceed $59,630.00

Recommended Motion

I move to recommend to the Village Board the approval of a professional service agreement with CDM Smith, Inc. for engineering services related to improvements at the water treatment plant for an amount not to exceed $59,630.00.

Strategic Plan Alignment

Capital Improvements

File Attachments

1. SOW_Western_Springs_WTP_Improvements

Village of Western Springs
WTP Improvements Evaluation
Scope of Services – Phase 1 – Preliminary Evaluation and Technical Memorandums

The Village of Western Springs (Village) operates a reverse osmosis (RO) treatment plant. The plant treats groundwater from three deep wells and is rated approximately 1.7 million gallons per day (MGD). The Village is considering improvements to replace the sodium hypochlorite bulk tank, improve raw water supply redundancy, and enhance treatment train flexibility.

The Village recently drilled a new deep well (Well 5) to supplement the existing deep wells, Well 3 and Well 4. Each well has a dedicated treatment process train. Because of the current raw water piping configuration, Well 5 uses the Well 4 treatment train, and therefore Well 4 and 5 cannot operate simultaneously. The Village desires the flexibility to operate Well 5 in either the Well 3 or Well 4 treatment train. Currently, Well 5 is used exclusively under an emergency basis, if well 4 and 5 are running at the same time, Well 5 can only be used to fill the reservoir. The Village also desires to expand the Well 4 membrane train to match the Well 3 train capacity.

In support of these improvements, CDM Smith Inc. (CDM Smith) will evaluate the existing facilities and develop planning-level recommendations for implementation, as detailed in this scope of services. The evaluations and recommendations will be documented in a Technical Memorandum for review by the Village and will provide a basis for defining the scope, budget, schedule, and implementation requirements for subsequent design. Detailed design, bidding services, permitting services, procurement services, and construction-phase services are assumed to be completed under a future amendment.

Task 1 WTP Improvements Evaluation

Task 1.1 Sodium Hypochlorite Tank Replacement Evaluation

A 1,500-gallon double-wall sodium hypochlorite bulk tank was installed in the chemical room as part of the 2013 Low Pressure RO WTP Project which converted the plant from lime softening to RO. Village staff have reported that the tank has developed a leak in both the internal and outer tank shells and is leaking chemical into the room. The Village is interested in options to replace the tank.

CDM Smith will evaluate alternatives for removal of the existing double-wall sodium hypochlorite storage tank and the installation of a replacement tank (or tanks) within the existing chemical room. The evaluation will consider facility access, structural constraints, constructability, operational impacts, and future maintenance requirements. As part of this task, CDM Smith will perform the following:

- Review available architectural, structural, mechanical, and chemical feed record drawings, existing tank information, and relevant operation and maintenance information.

- Conduct a multidisciplinary site visit to verify existing conditions and access constraints, including the chemical room, existing tank, double doors into the chemical room, single-door access into the plant, stairwell, potential to add roof hatches, concrete masonry unit walls, chemical piping, containment, ventilation, and available working space in Chemical Room and routes to access it.
- Identify and evaluate up to three (3) alternatives for removal of the existing tank and installation of the replacement tank. Alternatives may include the following:
    - Installing a sectional, field-assembled, fiberglass reinforced plastic (FRP) tank system that can be transported through the existing access route with associated containment requirements.
    - Architectural and/or structural improvements to enhance tank access. These may include removal of the Chemical Room exterior wall or installation of a roof hatch over the stairwell and temporary removal or modification of the stairwell CMU wall, where structurally feasible.
    - Installation of two smaller bulk tanks to replace the existing 1,500 gallon double-walled tank.
- Develop conceptual plan views or sketches showing the proposed tank arrangement, removal and installation route, major building modifications required, temporary access requirements, and chemical system tie-ins for each alternative.
- Review chemical storage volume, secondary containment, material compatibility, ventilation, access, delivery, operation, and maintenance considerations at a conceptual level.
- Identify key advantages, disadvantages, risks, and anticipated treatment plant operational impacts associated with each alternative.
- Prepare a preliminary sequence of construction outlining major activities and measures required to maintain safe sodium hypochlorite feed during construction.
- Perform a conceptual structural evaluation of affected load-bearing walls, roof framing, and proposed temporary or permanent openings. Identify additional investigations required for detailed design.
- Prepare an Association for the Advancement of Cost Engineering (AACE) Class 5 OPCC for the recommended alternative.
- Summarize the results of the evaluation in a draft Technical Memorandum 1. Incorporate Village comments into a final Technical Memorandum 1.

Task 1.2 Well Nos. 3, 4, and 5 Interconnection

CDM Smith will evaluate modifications to the raw water well piping and associated equipment to improve operational flexibility and redundancy between Well Nos. 3, 4, and 5. Based on information provided by the Village, Well No. 5 can currently feed the Well No. 4 process train. The evaluation will determine conceptual modifications required to allow Well No. 5 to feed either the Well No. 3 or Well No. 4 process train.

- Review available well, pump, civil and mechanical piping drawings and relevant operating information.
- Conduct a site visit to verify the existing well discharge piping, headers, valves, meters, pump connections, process train tie-ins, and available space for piping modifications.
- Document the existing well routing and operational limitations for Well Nos. 3, 4, and 5.
- Develop a conceptual basis of evaluation using available well pump capacities, operating flows, pressures, treatment train requirements, and known operational constraints.
- Identify and evaluate a singular feasible interconnection alternative that would allow Well No. 5 to feed either the Well No. 3 or Well No. 4 process train while maintaining the existing Well No. 3 and Well No. 4 supply functions. The alternative will include the following:
    - Conceptual process schematic illustrating well sources, existing piping, valves, meters, pumps, and process train connections.
    - Conceptual mechanical piping plan showing the proposed routing and major tie-in locations.
    - Identification of structural, architectural, or site modifications associated with the proposed piping configuration.
    - Identification of key shutdown requirements, and operational impacts
- Prepare an AACE Class 5 OPCC for the recommended improvements
- Summarize the results of the evaluation in a draft Technical Memorandum 2. Incorporate Village comments into a final Technical Memorandum 2.

Task 1.3 Well No. 4 Reverse Osmosis System Modification

CDM Smith will evaluate modifications to the Well No. 4 RO treatment train to increase the membrane vessel arrangement from the existing 14 first-stage and 7 second-stage configuration to a 16 first-stage and 8 second-stage configuration comparable to the Well No. 3 RO train. The evaluation will address the associated increase in feed flow and the resulting mechanical, electrical, structural, instrumentation, and controls requirements.

- Review available RO process drawings, membrane and pressure vessel information, feed pump and motor data, electrical information, control documentation, operating data, and relevant performance information.
- Conduct a site visit to document the Well No. 4 RO train, feed pumps, piping, electrical equipment, controls, equipment access, available space, and structural support conditions.
- Confirm the existing Well No. 3 16:8 and Well No. 4 14:7 configurations and develop conceptual design criteria for a Well No. 4 16:8 configuration using available information.
- Evaluate the membrane vessel, manifold, piping, valve, instrumentation, and controls modifications required for the proposed arrangement.

- Evaluate the existing feed pump duty point and identify whether pump replacement, impeller modification, motor replacement, or other improvements are conceptually required to support the proposed flow.
- General/Mechanical Process
    - Develop a conceptual process schematic and equipment modification plan showing additional pressure vessels, manifolds, piping, valves, pumps, and major tie-ins.
    - Identify anticipated process impacts, operational considerations, shutdown requirements, and preliminary sequence-of-construction considerations.
- Prepare an AACE Class 5 OPCC for the recommended improvements.
- Summarize the results of the evaluation in a draft Technical Memorandum 2. Incorporate Village comments into a final Technical Memorandum 2.

Task 2 Technical Memorandums

CDM Smith will develop two Technical Memorandum that summarizes the existing conditions, evaluation criteria, alternatives, conceptual drawings and schematics, multidisciplinary considerations, OPCCs, and recommended improvements developed under Tasks 1.1 through 1.3. The Technical Memorandums will include the following:

- Technical Memorandum 1
    - Sodium hypochlorite tank replacement alternatives and recommendation.
- Technical Memorandum 2
    - Well Nos. 3, 4, and 5 interconnection evaluation and recommendations.
    - Well No. 4 RO system modification evaluation and recommendation.

Both Technical Memorandum will include the following:

- Project background, available information, existing conditions, and evaluation criteria.
- Conceptual plans, layouts, process schematics, mechanical piping schematics, multidisciplinary considerations, constructability, and sequence-of-construction considerations, as applicable, developed under the three technical Task 1 tasks.
- AACE Class 5 OPCC for each improvement and a combined planning-level project cost summary.
- Prepare a DRAFT Technical Memorandum for Village comments.
- Prepare a FINAL Technical Memorandum incorporating one consolidated set of Village comments.

Task 3 Project Management, Meetings, and Site Visit

CDM Smith will provide the following services as part of this task:

- Develop and monitor project schedule and budget.

- The evaluations will be based on available records, visual observations of accessible conditions, and discussions with Village staff. Destructive investigation, confined-space entry, hazardous material sampling, and detailed field measurements are not included.
- The structural evaluation is conceptual and will not include final structural calculations, demolition plans, temporary shoring design, or construction documents.
- The OPCCs will be AACE Class 5 estimates appropriate for conceptual planning. Actual bids and construction costs may vary based on market conditions, final design, site conditions, and contractor approach.
- Topographic survey, subsurface utility exploration, laser scanning, geotechnical investigation, material testing, pump testing, membrane pilot testing, and detailed hydraulic or process modeling are not included.
- Detailed design, bidding support, permitting, procurement, construction-phase services, resident engineering, startup, and commissioning services are not included. These services may be provided under a future amendment.
- The scope includes evaluation of up to three (3) sodium hypochlorite tank replacement alternatives. Evaluation of additional alternatives requested after alternatives screening may require an amendment.
- The Village will provide one consolidated set of review comments on the Draft Technical Memorandum.

- Maintain a checklist of outstanding and upcoming responsibilities and tasks.
- Prepare monthly summary reports and invoices.
- One (1) in-person kickoff meeting combined with a multidisciplinary site visit.
- Up to two (2) virtual progress or technical coordination meetings.
- One (1) virtual meeting with the Illinois Environmental Protection Agency (IEPA) for project coordination and necessary design criteria requirements.
- One (1) virtual Draft Technical Memorandum review meeting each.

Project Schedule

CDM Smith will work with the Village to establish an overall project schedule following Notice to Proceed and receipt of available background information. The schedule will account for the site visit, alternatives development, interdisciplinary evaluation, preparation of the Draft Technical Memorandum, Village review, and preparation of the Final Technical Memorandum. CDM Smith proposes the following schedule for this work:

- WTP Improvements Evaluation Technical Memorandum 1 – within two months of Notice to Proceed.
- WTP Improvements Evaluation Technical Memorandum 2 – within four months of Notice to Proceed.

Fee and Method of Payment

CDM Smith will complete the above scope of services for a not-to-exceed fee of $59,630 with monthly invoices consistent with the work performed. The fee will be billed on a time and materials basis with established hourly rates. Project direct costs and other expenses will be billed in accordance with the applicable agreement.

ITEM	Project Scope of Work Fee
Task 1 WTP Improvements Evaluation	$22,745
Task 2 Technical Memorandums	$24,325
Task 3 Project Management, Meetings, and Site Visit	$12,560
Not-to-Exceed Fee for Design Services	**$59,630**

Assumptions

In addition to the assumptions listed above within each task, the following are additional assumptions for the scope of services for the project:

- The Village will provide available equipment data, operating data, water quality information, prior studies, O&M information, electrical information, and other information reasonably required for the evaluations.

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM E.4.

To: Public Works and Water Committee
From: Diana Puga, Municipal Services Coordinator
CC: Matthew Supert, Director of Municipal Services, Ellen Baer, Village Manager
RE: Water Valve Replacement Project Update

Recommendation

None.

Summary

On February 23, the Village Board approved a Professional Services Agreement, R-26-2980, with Robinson Engineering Ltd. to provide services related to the design and construction engineering of water valve replacements for an amount not to exceed $46,500.00.

Staff anticipates issuing a bid for the water valve replacements by Thursday, September 3 with a bid opening on Thursday, September 17. An item with a recommendation will be on the September 28 Village Board agenda, with consideration for approval anticipated during the October 12 Village Board meeting.

Financial Impact

No financial impact at this time.

Recommended Motion

No action required at this time.

Strategic Plan Alignment

Infrastructure Improvements

File Attachments

None

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM E.5.

To: Public Works and Water Committee
From: Inga Cebelis, Staff Engineer
CC: Ellen Baer, Village Manager, Jeff Koza, Director of Engineering Services
RE: Woodland Avenue Reconstruction Project Change Order 1 - No Cost Change Order Extension of Time

Recommendation

Consider a recommendation to approve no-cost Change Order No. 1 for the Woodland Avenue Reconstruction Project and extending the substantial completion date to October 16, 2026, and the final completion date to November 20, 2026.

Summary

In December of 2025, the Village Board approved a contract with G & M Cement Construction, Inc. for the Woodland Avenue Street Reconstruction Project for an amount not to exceed $2,992,348.05. Village staff and HR Green, the engineering firm that oversees daily construction activities on behalf of the Village, have received a request from the contractor for a time extension due to unforeseen field and technical adjustments. These adjustments required additional coordination related to:

- Cured In-Place Pipe (CIPP) sewer lining
- T-Liner lateral service lining
- Necessary water main modifications.

HR Green has reviewed Change Order No. 1 and has provided a letter recommending approval of the requested time extension.

The original substantial completion date for the project was September 14, 2026, with a final completion date of October 16, 2026. Staff recommend approving the request to extend substantial completion to October 16, 2026, and final completion to November 20, 2026.

Financial Impact

N/A

Recommended Motion

I move to recommend to the Village Board to approve no-cost Change Order No. 1 for the Woodland Avenue Reconstruction Project and extending the substantial completion date to October 16, 2026, and the final completion date to November 20, 2026.

Strategic Plan Alignment

Infrastructure Improvements

File Attachments

1. Woodland Ave Reconstruction Project - Change Order 1
2. Contractor Extension Request and HR Green Review Letter

Village of Western Springs
CHANGE ORDER NO. 1:

Owner: Village of Western Springs
Engineer: HR Green, Inc.
Contractor: G & M Cement Construction, Inc.
Project: Woodland Ave Reconstruction Project

Date Issued:

The Contract is modified as follows upon execution of this Change Order:
Description:

Change in Contract Price	**Change in Contract Times [State Contract Times as either a specific date or a number of days]**
Original Contract Price: $ 2,992,348.05	Original Contract Times: Substantial Completion: September 14, 2026 Ready for final payment: October 16, 2026
[Increase] [Decrease] from previously approved Change Orders No. 1 to No. **[Number of previous Change Order]**: $ N/A	**[Increase] [Decrease]** from previously approved Change Orders No.1 to No. **[Number of previous Change Order]**: Substantial Completion: N/A Ready for final payment: N/A
Contract Price prior to this Change Order: $ 2,992,348.05	Contract Times prior to this Change Order: Substantial Completion: September 14, 2026 Ready for final payment: October 16, 2026
[Increase] [Decrease] this Change Order: $ 0	**[Increase] [Decrease]** this Change Order: Substantial Completion: October 16, 2026 Ready for final payment: November 20, 2026
Contract Price incorporating this Change Order: $ 2,992,348.05	Contract Times with all approved Change Orders: Substantial Completion: October 16, 2026 Ready for final payment: November 20, 2026

Recommended by Engineer (if required)

By: Keri Bray
Title: Area Manager
Date: 8/25/2026

Accepted by Contractor

By:
Title:
Date:

Approved by Funding Agency (if applicable)

By:
Title:
Date:

G & M CEMENT CONSTRUCTION, INC.
Specializing in Residential & Commercial Concrete Construction
58 West Commercial Road
Addison, IL 60101
(630) 628-6208 Fax: (630) 628-6209

July 24, 2026

Re: Western Springs-Woodland Ave.-Project Time Extension

To whom it may concern:

G&M Cement Construction is requesting a time extension for the above project, due to underground conflicts and CCIP Liner Delays/and Conflicts.

Based on the new updated Schedule provided, G&M Cement Construction is asking for a time extension for the Woodland Ave. project. We have had numerous delays and conflicts with the underground work. We have had some delays with the CCIP liner work. There is also an unknown with the lateral lining as it pertains to the amount of clean outs that will need to be installed. The cleanouts will add at least 3 to 4 weeks to the original schedule originally provided. Because of all of these factors G&M Cement Construction is requesting substantial completion to be November 6th and final completion to be November 20th.

Please contact our office for any questions in this matter.

Yours truly,

Nick Vavalle,

HRGreen

2363 Sequoia Drive | Suite 101
Aurora, IL 60506
Main 630-553-7560
HRGREEN.COM

August 18, 2026

Jeff Koza
Village of Western Springs
740 Hillgrove
Western Springs, IL 60558

Re: **Woodland Ave Time Extension** Recommendation

Dear Mr. Koza,

G&M Cement Construction, Inc. (G&M), the general contractor for the Village of Western Spring's Woodland Ave Reconstruction Project has submitted a letter requesting a time extension for a completion date of November 20, 2026. HR Green has reviewed the progress to date on the project as well as evaluated the approved project schedule. During our detailed review of the project, we evaluated the cumulative delays encountered during construction. The project has experienced approximately 5 to 6 weeks of legitimate, non-concurrent delays arising from a mix of unforeseen field conditions, CIPP sewer lining coordination, and contractor scheduling.

Summary of Project Delays

- **Unforeseen Field & Technical Adjustments:**
  - **CIPP Sewer Lining Coordination & Cleaning:** Alignment and correspondence issues with National Power Rodding (NPR) (~2 weeks) and required additional CIPP pipe cleaning (~2 days).
  - **T-Liner Lateral Service Lining Coordination:** Correspondence issues with Performance Pipelining Inc (PPI) regarding installations on larger diameter sewers and for additional required T-Liner cleanouts (~3 weeks).
  - **Water Main Adjustments:** Removal of old water main south of Elm Street (~3 days) and execution of an additional pressure connection on 47th Street (~2 days).
- **Contractor & Subcontractor Scheduling:**
  - **T-Liner Installation:** Extended subcontractor installation timeframe relative to original baseline schedule (~4 weeks).
  - **Tree Protection:** Initial Homer tree protection fencing setup delays (~2 days).

While G&M has requested a 7-week extension for Substantial Completion and a 5-week extension for Final Completion, a portion of these schedule overruns stems from coordination gaps between the prime contractor and their subcontractors.

Recommendation

HR Green recommends the Village approve a modified time extension as follows:

- **Substantial Completion (Roadway Reopened):** Extended to **October 16, 2026**. This extension allows for proper placement and curing of the concrete roadway prior to the onset of cold weather and potential freezing temperatures.
- **Final Completion:** Extended to **November 20, 2026**.

Note on Restoration: Final completion on November 20th risks pushback on final sodding and landscape restoration due to seasonal weather limits. We recommend holding project retention for any unestablished turf or sensitive restoration items unable to take root safely before winter. Final acceptance of the project and full payment will most likely be finalized in Spring 2027.

Sincerely,

HR Green, Inc.

Kevin J. Berry

Kevin J. Berry, P.E.

Area Manager

J:\2022\2202550\Construction\Construction_Progress\Ltr_WoodlandAve_TimeExt_08182026.dotx

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM E.6.

To: Public Works and Water Committee
From: Jeff Koza, Director of Engineering Services
CC: Ellen Baer, Village Manager
RE: 2026 Road and Utility Program Change Order 1 - No Cost Change Order Extension of Time

Recommendation

Consider a recommendation to approve a no-cost Change Order No. 1 for the 2026 Road and Utility Program and extending the substantial completion date to October 16, 2026, and the final completion date to October 31, 2026.

Summary

V3 Companies reviewed Schroeder Asphalt Services' (SAS) request for a time extension for the 2026 Resurfacing & Utility Program. Based on their evaluation of the overall project circumstances and the supporting information submitted by the Contractor, V3 recommends approval of a reduced time extension—less than what SAS requested.

Original Completion Dates:
Substantial Completion: September 4, 2026
Final Completion: September 25, 2026

Recommended Revised Dates in Change Order 1:
Substantial Completion: October 16, 2026
Final Completion: October 31, 2026

There is no cost increase or changes to the approved contract pricing. This recommendation reflects V3's professional assessment of the situation and establishes new completion dates that they believe are reasonable while still holding the Contractor accountable. Liquidated damages remain applicable until formal Village Board approval, and SAS must submit an updated project schedule reflecting the revised dates.

Financial Impact

N/A

Recommended Motion

I move to recommend to the Village Board the approval of a no-cost Change Order No. 1 for the 2026 Road and Utility Program and extending the substantial completion date to October 16,

2026, and the final completion date to October 31, 2026.

Strategic Plan Alignment

Infrastructure Improvements

File Attachments

1. Change Order 01 - 2026 Road and Utility Program
2. V3 Memo - 2026 Road Program Change Order_001

CHANGE ORDER NO.: 001

Owner: Village of Western Springs
Engineer: V3 Companies
Contractor: Schroeder Asphalt Services, Inc.
Project: 2026 Resurfacing & Utility Program
Contract Name:
Date Issued:

Owner's Project No.:
Engineer's Project No.:
Contractor's Project No.:

The Contract is modified as follows upon execution of this Change Order:
Description: Change substantial completion date from Sept 4, 2026 to Oct 16, 2026, and change final completion date from Sept 25, 2026 to Oct 31, 2026.
Attachments:

Change in Contract Price	Change in Contract Times [State Contract Times as either a specific date or a number of days]
Original Contract Price: $ N/A	Original Contract Times: Substantial Completion: September 4, 2026 Final Completion: September 25, 2026
[Increase] [Decrease] from previously approved Change Orders No. 1 to No. **[Number of previous Change Order]**: $ N/A	**[Increase] [Decrease]** from previously approved Change Orders No. to No. **[Number of previous Change Order]**: Substantial Completion: n/a Final Completion: n/a
Contract Price prior to this Change Order: $ N/A	Contract Times prior to this Change Order: Substantial Completion: September 4, 2026 Final Completion: September 25, 2026
[Increase] [Decrease] this Change Order: $ N/A	**Increase** this Change Order: Substantial Completion: October 16, 2026 Final Completion: October 31, 2026
Contract Price incorporating this Change Order: $ N/A	Contract Times with all approved Change Orders: Substantial Completion: October 16, 2026 Final Completion: October 31, 2026

Recommended by Engineer (if required)
By: James Bessler
Title: Resident Engineer
Date: Aug 24, 2026

By:
Title:
Date:

Accepted by Contractor
Matt Roeder
Superintendent
8/27/26

Approved by Funding Agency (if applicable)

August 24, 2026

RE: 2025 Infrastructure Referendum Project -2026 Resurfacing & Utility Program – Time Extension Change Order

Dear Schroeder Asphalt Services:

After reviewing the information provided in support of your request for the above-referenced project, we have determined that an extension is agreeable but given the delays associated with getting the project started, we are only agreeing to add half of the original project duration time to the extension and utilize **October 16, 2026**, as the substantial completion date. This completion date has been chosen in an effort of good faith to allow the Contractor to complete the work outlined in the contract documents. Per the contract, final completion of the sod will remain on October 31, 2026. A communication log is attached to this letter outlining the aforementioned delays encountered with administering and executing the contract. Accordingly, no additional compensation will be provided to the Contractor for the time extension, and no changes to the original unit prices are accepted.

This extension applies only to the specific circumstances identified in the request and does not relieve the Contractor of its obligation to diligently pursue and complete the remaining work in accordance with the Contract Documents. The Contractor remains responsible for taking all reasonable measures to mitigate further delays and to maintain the approved project schedule.

Please revise and submit the project schedule to reflect the revised completion date and incorporate any necessary recovery or mitigation measures. A change order for the time extension will be generated and submitted to the Village Board for review**. It is Village staff's intent to present the time extension change order to the Village Board for approval in September provided that we are able to get the signed documents from your company by 8/27.**

Until the change order is approved, original completion dates will remain in effect. Per the contract documents, liquidated damages will be assessed for workdays required to complete the project past the completion dates.

SAS Project Communication Log – 2026 Road Program:

- May 18 – Board approves SAS contract – Resolution #26-3009
- May 27 – Pre-Con Meeting – verbal notice of award given to SAS
- June 1 – Pre-Con Meeting Minutes provided to SAS noting the verbal notice of award
- June 2 – V3 provides LPC 662 and CAD files sent to SAS
- June 2 – Requested schedule update from what was provided at pre-con meeting
- June 13 – Requested performance and payment bonds, COI from SAS – no response
- June 17 – Requested performance and payment bonds, COI from SAS – no response

- June 17 – First time SAS requested written notice of award to furnish bonds and COI
- June 17 – V3 provides SAS with written notice of award
- June 18 – V3 requests schedule update from SAS – no response
- June 19 – SAS provides bonds and COI
- June 23 – V3 requests schedule update from SAS – no response
- June 24 - V3 requests schedule update from SAS – no updates
- June 30 – Formal notice to proceed sent to SAS from VoWS
- July 6 – SAS sends email suggesting a time extension due to the delay in the receiving a contract
- July 9 – V3 receives first material submittals
- July 16 – V3 follows up with SAS on starting work on Maple St – no response
- July 23 – V3 request schedule update from SAS – schedule to be provided next day
- July 24 – SAS provides a project schedule showing a start date of 8/10
- August 21 – Work is scheduled to commence
- October 16, 2026 – New substantial completion date

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM E.7.

To: Public Works and Water Committee
From: Jeff Koza, Director of Engineering Services
CC: Ellen Baer, Village Manager, John Mastandona, Director of Finance, Matthew Supert, Director of Municipal Services
RE: Gilbert Avenue Resurfacing - Project Agreements & Resolutions

Recommendation

Consider a recommendation to approve the following items all related to the Gilbert Avenue Resurfacing Project: a Local Public Agency Agreement with IDOT (BLR 05310C), a Construction Engineering Agreement with Baxter & Woodman (BLR 05530), an Intergovernmental Agreement (IGA) with the Village of La Grange, and BLR 09110 Resolution for Improvement under the Illinois Highway Code (Supplemental MFT Resolution).

Summary

Staff is requesting Committee concurrence to advance three (3) agreements and a supplemental Motor Fuel Tax (MFT) authorizing resolution required for the Gilbert Avenue Resurfacing Project, with the Village of Western Springs serving as the lead agency. The project will rehabilitate Gilbert Avenue between 47th Street and Ogden Avenue. The ownership and maintenance of the roadway is shared with the Village of LaGrange.

The agreements below—Items A, B, and C—address federal participation, construction engineering services, and intergovernmental coordination with LaGrange. Item D is a resolution authorizing the use of Village MFT Funds to pay for the Village's share of the project costs. The project remains on schedule for the Illinois Department of Transportation (IDOT) September 2026 letting, with construction anticipated to begin June 2027.

Item A – Local Public Agency Agreement with IDOT (BLR 05310C)
The Local Public Agency Agreement for Federal Participation enables the Village to receive federal Surface Transportation Program (STP) funding. Key terms include:

Total construction cost: $1,413,047
Federal/IDOT share: Estimated $1,093,813, not to exceed $1,094,135
Local share: $319,234 (20%), split evenly between Western Springs and La Grange (10% each)

Draft agreement documents were submitted to IDOT earlier this summer. IDOT has not yet provided review comments, and minor revisions may be required once comments are received.

Item B – Construction Engineering Agreement with Baxter & Woodman (BLR 05530)
This agreement provides construction engineering services during the 2027 construction phase, including field inspection, documentation, contractor coordination, and federal compliance.

Draft fee: $128,473
Funding structure:
80% federally funded
20% local share split evenly between Western Springs and La Grange (10% each)

Because IDOT has not yet issued review comments on the overall project package, the final engineering fee may be adjusted slightly to reflect any required changes resulting from IDOT review.

Item C – Intergovernmental Agreement (IGA) with the Village of La Grange
The IGA defines project responsibilities, coordination procedures, and the shared local funding split between Western Springs and La Grange.This agreement aligns with the shared 10% / 10% local funding distribution noted in Item A.

The Village of La Grange approved the IGA at its August 24, 2026, Board Meeting.

Item D - BLR 09110 Resolution for Improvement under the Illinois Highway Code (Supplemental MFT Resolution)
On February 10, 2025, the Village authorized the use of $110,000 of Motor Fuel tax funds to pay for Phase 1 and Phase 2 engineering. The proposed supplemental resolution will authorize the use of additional MFT funds to pay for the Construction and Construction Engineering Costs associated with the project. The proposed authorization limit is higher than the anticipated net project cost to the Village due to the fact the Village will need to expend funds to pay the full local share for the engineering work performed. The Village will also have to pay for the full local share of construction costs first. After payments are made, the Village can then seek reimbursement from both IDOT and LaGrange. A full accounting for the anticipated project costs is provided in the Financial Impact Section.

Financial Impact

Total Phase I/II Engineering agreement with Baxter & Woodman (previously approved agreement and amendment #1): $117,000
Western Springs pays all engineering fees and then seeks reimbursement as follows:

- $55,000 grant reimbursement from Invest in Cook Grant
- 50%-50% cost share for the balance of the engineering costs with LaGrange
- $31,000 reimbursement from the Village of

Net cost to Village for Phase 1/2 Engineering: $31,000

Proposed Construction Engineering (Phase 3 Engineering) agreement with Baxter & Woodman draft fee: $128,473
Western Springs pays all engineering fees and then seeks reimbursement as follows:

- 80% reimbursement from IDOT: $102,778
- The remaining 20% local share split equally with LaGrange
- 10% of total cost reimbursement from LaGrange: $12,847.50

Net cost to Village for Construction Engineering: $12,847.50

- Total construction cost: $1,284,954
- Federal/IDOT share 80%: Estimated $991,339
- Local share 20%: $293,615, split evenly with LaGrange:
- Western Springs local share: $146,807.50
- IDOT pays all construction costs and then invoices Western Springs for the full local share. After paying IDOT, Western Springs will seek reimbursement from LaGrange for 50% of the local share costs.

Western Springs Project Expenses:

Project Phase	Project Expenses	Reimbursement	Net Cost to Western Springs
Phase 1/2 Engineering	$117,000	$86,000	$31,000
Construction Engineering (Phase 3)	$128,473	$115,625.70	$12,847.30
Construction	$293,615	$146,807.50	$146,807.50
Totals	$539,088	$348,433.20	**$190,654.80**

Recommended Motion

I move to recommend to the Village Board the approval of the following items all related to the Gilbert Avenue Resurfacing Project: a Local Public Agency Agreement with IDOT (BLR 05310C), a Construction Engineering Agreement with Baxter & Woodman (BLR 05530), an Intergovernmental Agreement (IGA) with the Village of La Grange, and BLR 09110 Resolution for Improvement under the Illinois Highway Code (Supplemental MFT Resolution).

Strategic Plan Alignment

Infrastructure Improvements
Financial Substainability

File Attachments

None



Digitally signed by John Mastandona
DN: O=Village of Western Springs, CN=John Mastandona, E=jmastandona@wsprings.com
Reason: I attest to the accuracy and integrity of this document
Location:
Date: 2026.06.08 09:58:23-05'00'
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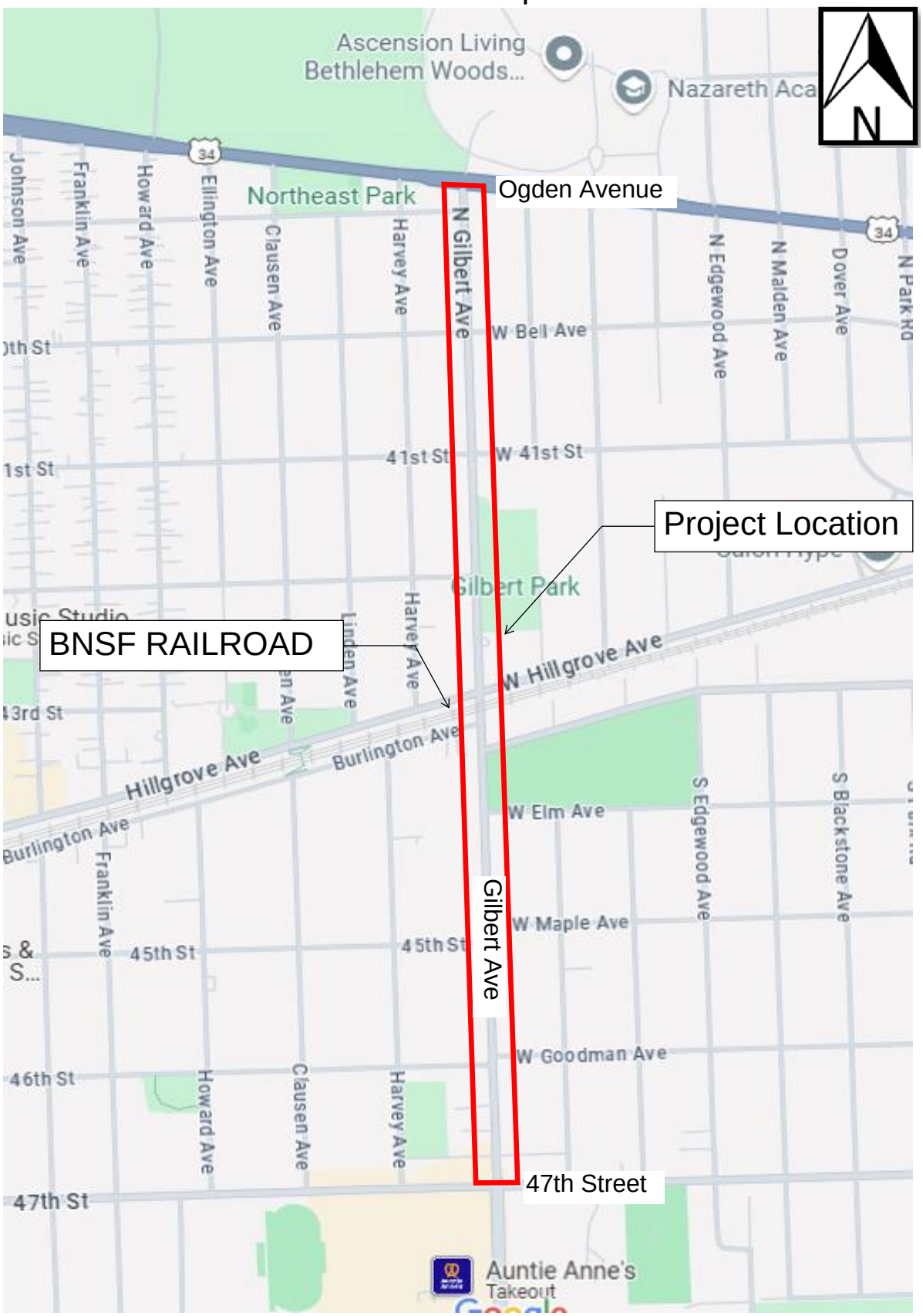
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SCHEDULE 2

Gilbert Avenue Resurfacing
47th Street to Ogden Avenue
Western Springs, Illinois
Location Map



DRAFT 6-5-2026
RESOLUTION NO. 26-????

VOTE:

AYES:_____

NAYS:_____

ABSTAIN:_____

DATE:

.

A RESOLUTION AUTHORIZING THE USE OF VILLAGE FUNDS AND AUTHORIZING THE APPROVAL AND EXECUTION OF THE LOCAL PUBLIC AGENCY AGREEMENT FOR FEDERAL PARTICIPATION (IDOT - SURFACE TRANSPORTATION PROGRAM) FOR GILBERT AVENUE IMPROVEMENTS TO BE ENTERED INTO BETWEEN THE VILLAGE OF WESTERN SPRINGS AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION

WHEREAS, the Village of Western Springs (the "Village") desires to rehabilitate Gilbert Avenue between 47th Street and Ogden Avenue (the "Project"); and

WHEREAS, the cost of the Project has necessitated the use of federal funds; and

WHEREAS, the federal fund source requires a match of local funds to be provided by the Village; and

WHEREAS, the Village is partnering with the Village of LaGrange ("LaGrange") to complete the Project and the Village and LaGrange intend to enter into a separate intergovernmental agreement to address the Project responsibilities for the two Villages; and

WHEREAS, the Village of Western Springs is the lead agency for the Project; and

WHEREAS, the President and Board of Trustees of the Village of Western Springs (the "Village Board") and the State of Illinois Department of Transportation ("IDOT") desire to enter into an agreement related to the Project entitled "Local Public Agency Agreement for Federal Participation" (the "Agreement"), a copy of which is attached hereto as **Exhibit "A"** and made a part hereof; and

WHEREAS, the estimated total "Construction Costs" for the Project total $1,413,047.00. The State of Illinois, through IDOT, has agreed to participate and provide federal funding for the participating Construction Costs associated with the Project through the Surface Transportation Program at a level of 80% of the participating Construction Costs, but not to exceed an amount equal to $1,094,135.00, in accordance with the terms set forth in the attached Agreement (**Exhibit "A"**); and

WHEREAS, the Village agrees to pay the local share of the Project, which equals 20% of all related Construction Costs totaling $319,234, in accordance with the terms set forth in the attached Agreement (**Exhibit "A"**); and

WHEREAS, at an open public meeting held on_____, the Public Works & Water Committee reviewed the terms of the attached Agreement and received input from the Village staff and the public, and then the Committee favorably recommended that the Village Board approve Agreement; and

xxxxx

WHEREAS, at open public meetings held on _____ and _____, the President and Board of Trustees of the Village reviewed and discussed the Project, the Agreement, and the Public Works & Water Committee's recommendation, and received input from the Village staff and the public. At its _____ meeting, the President and Board of Trustees of the Village of Western Springs accepted the Public Works & Water Committee's recommendation to approve and enter into the Agreement; and

WHEREAS, the President and Board of Trustees of the Village are authorized, under the intergovernmental cooperation powers set forth at Article VII, Section 10 of the 1970 Illinois Constitution and the applicable provisions of the Illinois Municipal Code (65 ILCS 5/*et seq*.), to approve and enter into the attached Agreement and find that it is in the best interests of the Village, its residents, property owners, businesses and the public to approve and enter into the attached Agreement.

NOW, THEREFORE, BE IT RESOLVED BY THE VILLAGE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF WESTERN SPRINGS, COOK COUNTY, ILLINOIS, AS FOLLOWS:

Section 1: Each Whereas paragraph above is incorporated by reference into this Section 1 and made a part hereof as material and operative provisions of this Resolution.

Section 2: The President and Board of Trustees of the Village of Western Springs appropriate and authorize the use of certain Village funds to complete the Project in the amount of Three Hundred Nineteen Thousand Two Hundred Thirty Four and 00/100 Dollars ($319,234.00).

Section 3: The President and Board of Trustees of the Village of Western Springs approve and authorize the execution of an agreement entitled "Local Public Agency Agreement for Federal Participation" (the "Agreement"), a copy of which is attached hereto as **Exhibit "A"** and made a part hereof. The President and Board of Trustees of the Village of Western Springs authorize and direct the Village President and the Village Clerk, or their designees, to execute the final version of the Agreement, which may contain certain non-substantive and non-financial modifications that are approved by the Village Attorney. The President and Board of Trustees also authorize and direct the Village President, the Village Clerk, the Village Manager and the Village Attorney, or their designees, to execute and deliver all other instruments and documents and pay all Village Board-authorized costs that are necessary to fulfill the Village's obligations under the Agreement.

Section 4: After approval and execution of this Resolution and the Agreement by the Village President and Village Clerk, or their designees, the Village Clerk's Office shall arrange for the delivery of five (5) certified copies of this Resolution and executed versions of the attached Agreement to the Illinois Department of Transportation through their Division of Transportation and one (1) certified copy of this Resolution and executed version of the attached Agreement to the Cook County Clerk's Office.

PASSED by the Board of Trustees of the Village of Western Springs, Cook County, Illinois, at a Special Meeting thereof, held on the _____ day of 2026, and approved by me as Village President, and attested by the Village Clerk, on the same day.

_____
Heidi Rudolph, Village President

ATTEST:

_____
Edward Tymick, Village Clerk

Published by me in pamphlet form on the __ day of _____, 2026.

_____
Edward Tymick, Village Clerk

Exhibit "A"

Local Public Agency Agreement for Federal Participation
(Gilbert Avenue Improvements)
(attached)

STATE OF ILLINOIS)
) SS
COUNTY OF C O O K)

CLERK'S CERTIFICATE

I, Edward Tymick, the duly elected and qualified Acting Village Clerk of the Village of Western Springs, Cook County, Illinois, certify that attached document is a true and correct copy of the Resolution now on file in my office, entitled:

RESOLUTION NO. 26-_____

A RESOLUTION AUTHORIZING THE USE OF VILLAGE FUNDS AND AUTHORIZING THE APPROVAL AND EXECUTION OF THE LOCAL PUBLIC AGENCY AGREEMENT FOR FEDERAL PARTICIPATION CENTRAL AVENUE ROADWAY AND SEWER IMPROVEMENTS TO BE ENTERED INTO BETWEEN THE VILLAGE OF WESTERN SPRINGS AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION

which was passed by a roll call vote of the Board of Trustees of the Village of Western Springs at a Special Meeting held on the _____ day of _____, at which meeting a quorum was present, and approved by the Village President of the Village of Western Springs on the _____ day of _____.

I further certify that the vote on the question of the passage of the said Resolution by the Board of Trustees of the Village of Western Springs was taken by the Ayes and Nays and recorded in the Journal of Proceedings of the Board of Trustees of the Village of Western Springs, and that the result of said vote was as follows, to-wit:

AYES:_____

NAYS:_____

ABSENT:_____

I do further certify that the original Resolution, of which the attached is a true copy, is entrusted to my care for safekeeping, and that I am the lawful keeper of the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Village of Western Springs, this __ day of _____.

_____
Edward Tymick, Village Clerk

SEAL

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Illinois Department of Transportation

Local Public Agency	County	Section Number
Village of Western Springs	Cook	25-00105-00-RS
Prime Consultant (Firm) Name	**Prepared By**	**Date**
Baxter and Woodman, Inc.	Matt Abbeduto	5/21/2026
Consultant / Subconsultant Name	**Job Number**	
Baxter and Woodman, Inc.	C-91-293-26	

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

PAYROLL ESCALATION TABLE

CONTRACT TERM	12	MONTHS	OVERHEAD RATE	162.36%
START DATE	11/1/2026		COMPLEXITY FACTOR	
RAISE DATE	1/1/2027		% OF RAISE	3.00%
END DATE	10/31/2027			

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	11/1/2026	1/1/2027	2	16.67%
1	1/2/2027	11/1/2027	10	85.83%

The total escalation = 2.50%

Local Public Agency	County	Section Number
Village of Western Springs	Cook	25-00105-00-RS

Consultant / Subconsultant Name	Job Number
Baxter and Woodman, Inc.	C-91-293-26

PAYROLL RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET FIXED RAISE

MAXIMUM PAYROLL RATE	**90.00**
ESCALATION FACTOR	**2.50%**

JOB SPECIFIC - Classifications and Average Payrates need to match current payrolls submitted to the Department.

CLASSIFICATION	IDOT AVG PAYROLL RATES ON FILE	CALCULATED RATE
Engineer VII	$80.49	$82.50
Engineer VI	$74.25	$76.11
Engineer III	$49.86	$51.11
Engineer II	$44.85	$45.97
Administrative Support V	$47.50	$48.69

Local Public Agency	County	Section Number
Village of Western Springs	Cook	25-00105-00-RS

Consultant / Subconsultant Name	Job Number
Baxter and Woodman, Inc.	C-91-293-26

SUBCONSULTANTS

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

NAME	Direct Labor Total (Payroll Only)	Contribution to Prime Consultant
Soil and Material Consultants, Inc.	2,288.00	228.80

Local Public Agency	County	Section Number
Village of Western Springs	Cook	25-00105-00-RS

Consultant / Subconsultant Name	Job Number
Baxter and Woodman, Inc.	C-91-293-26

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Per Diem (per Federal GSA)	Up to federal maximum			$0.00
Lodging (per Federal GSA)	Actual Cost (Up to Federal rate maximum)			$0.00
Lodging Taxes and Fees (per Federal GSA)	Actual Cost			$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			$0.00
Vehicle Mileage (per Federal GSA)	Up to Federal rate maximum			$0.00
Vehicle Owned or Leased (no mileage charge allowed)	$45.00/half day (4 hours or less) or $90/full day	60	$90.00	$5,400.00
Vehicle Rental	Actual Cost (Up to $55/day)			$0.00
Tolls	Actual Cost			$0.00
Parking	Actual Cost			$0.00
Overtime	Premium portion (Submit supporting documentation)			$0.00
Shift Differential	Actual Cost (Based on firm's policy)			$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)			$0.00
Project Specific Insurance	Actual Cost			$0.00
Monuments (Permanent)	Actual Cost			$0.00
Photo Processing	Actual Cost			$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			$0.00
CADD	Actual Cost (Max $15/hour)			$0.00
Web Site	Actual Cost (Submit supporting documentation)			$0.00
Advertisements	Actual Cost (Submit supporting documentation)			$0.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			$0.00
Recording Fees	Actual Cost			$0.00
Transcriptions (specific to project)	Actual Cost			$0.00
Courthouse Fees	Actual Cost			$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Aerial Photography and Mapping	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Utliity Exploratory Trenching	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Testing of Soil Samples	Actual Cost			$0.00
Lab Services	Actual Cost (Provide breakdown of each cost)			$0.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
				$0.00
				$0.00
				$0.00
			TOTAL DIRECT COSTS:	**$5,400.00**

Local Public Agency
Village of Western Springs

County
Cook

Section Number
25-00105-00-RS

Consultant / Subconsultant Name
Baxter and Woodman, Inc.

Job Number
C-91-293-26

COST ESTIMATE WORKSHEET

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

OVERHEAD RATE 162.36%

COMPLEXITY FACTOR 0

TASK	DIRECT COSTS (not included in row totals)	MANHOURS	PAYROLL	OVERHEAD & FRINGE BENEFITS	FIXED FEE	SERVICES BY OTHERS	TOTAL	% OF GRAND TOTAL
Project Initiation	450	28	1,579	2,564	521		5,114	3.99%
Construction Administration	360	48	3,690	5,990	1,218		11,258	8.79%
Field Observation & Documentation	4,140	580	27,869	45,248	9,197		86,454	67.49%
Design Assistance		12	613	996	202		1,811	1.41%
Project Closeout	450	88	4,338	7,043	1,431		13,262	10.35%
			-	-	-		-	
QA Material Testing			-	-	-	9,965	9,965	7.78%
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Subconsultant DL					228.80		229	0.18%
TOTALS	5,400	756	38,089	61,841	12,798	9,965	128,093	100.00%

Local Public Agency
Village of Western Springs

County
Cook

Section Number
25-00105-00-RS

Consultant / Subconsultant Name
Baxter and Woodman, Inc.

Job Number
C-91-293-26

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 1 OF 1

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Project Initiation			Construction Administration			Field Observation & Documentation			Design Assistance			Project Closeout		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Engineer VII	82.50	56.0	7.41%	6.11	8	28.57%	23.57	40	83.33%	68.75							8	9.09%	7.50
Engineer VI	76.11	40.0	5.29%	4.03							40	6.90%	5.25						
Engineer III	51.11	12.0	1.59%	0.81										12	100.00%	51.11			
Engineer II	45.97	640.0	84.66%	38.92	20	71.43%	32.84				540	93.10%	42.80				80	90.91%	41.79
Administrative Support V	48.69	8.0	1.06%	0.52				8	16.67%	8.11									
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TOTALS		756.0	100%	$50.38	28.0	100.00%	$56.41	48.0	100%	$76.87	580.0	100%	$48.05	12.0	100%	$51.11	88.0	100%	$49.29

Illinois Department of Transportation

EXHIBIT D

COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

ANNIVERSARY RAISE

Local Public Agency	County	Section Number
Illinois Department of Public Transportation	Cook	24-00105-00-RS

Prime Consultant (Firm) Name	Prepared By	Date
Baxter & Woodman, Inc.	Reid Steinbach	5/22/2026

Consultant / Subconsultant Name	Job Number
Soil and Material Consultants, Inc.	6H4Z(948)

Note: This is name of the consultant the CECS is being completed for. This name appears at the top of each tab.

Remarks

PAYROLL ESCALATION TABLE

CONTRACT TERM	12	MONTHS	OVERHEAD RATE	138.20%
START DATE	11/1/2026		COMPLEXITY FACTOR	
RAISE DATE	ANNIVERSARY		% OF RAISE	3.00%

ESCALATION PER YEAR

DETERMINE THE MID POINT OF THE AGREEMENT

6

CALCULATE THE ESCALATION FACTOR TO THE MIDPOINT OF THE CONTRACT

1.50%

The total escalation for this project would be: **1.50%**

Local Public Agency	County	Section Number
Illinois Department of Public Transportation	Cook	24-00105-00-RS

Consultant / Subconsultant Name	Job Number
Soil and Material Consultants, Inc.	6H4Z(948)

PAYROLL RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET ANNIVERSARY RAISE

MAXIMUM PAYROLL RATE	**90.00**
ESCALATION FACTOR	**0.63%**

JOB SPECIFIC - Classifications and Average Payrates need to match current payrolls submitted to the Department.

CLASSIFICATION	IDOT AVG PAYROLL RATES ON FILE	CALCULATED RATE
SENIOR ENGINEER	$54.50	$54.84
MATERIAL TESTER I	$40.15	$40.40
MATERIAL TESTER II	$45.15	$45.43
CYLINDER PICKUP	$30.38	$30.57

Local Public Agency	County	Section Number
Illinois Department of Public Transportation	Cook	24-00105-00-RS

Consultant / Subconsultant Name	Job Number
Soil and Material Consultants, Inc.	6H4Z(948)

DIRECT COSTS WORKSHEET

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET ANNIVERSARY RAISE

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Per Diem (per Federal GSA)	Up to the federal maximum			$0.00
Lodging (per Federal GSA)	Actual Cost (up to the federal rate maximum)			$0.00
Lodging Taxes and Fees (per Federal GSA)	Actual Cost			$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			$0.00
Vehicle Mileage (per Federal GSA)	Up to federal rate maximum			$0.00
Vehicle Owned or Leased (no mileage charge allowed)	$45.00/half day (4 hours or less) or $90.00/full day			$0.00
Vehicle Rental	Actual Cost (Up to $55/day)			$0.00
Tolls	Actual Cost			$0.00
Parking	Actual Cost			$0.00
Overtime	Premium portion (Submit supporting documentation)			$0.00
Shift Differential	Actual Cost (Based on firm's policy)			$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)			$0.00
Project Specific Insurance	Actual Cost			$0.00
Monuments (Permanent)	Actual Cost			$0.00
Photo Processing	Actual Cost			$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			$0.00
CADD	Actual Cost (Max $15/hour)			$0.00
Web Site	Actual Cost (Submit supporting documentation)			$0.00
Advertisements	Actual Cost (Submit supporting documentation)			$0.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			$0.00
Recording Fees	Actual Cost			$0.00
Transcriptions (specific to project)	Actual Cost			$0.00
Courthouse Fees	Actual Cost			$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Aerial Photography and Mapping	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Utliity Exploratory Trenching	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
Testing of Soil Samples	Actual Cost			$0.00
Lab Services	Actual Cost (Provide breakdown of each cost)			$0.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			$0.00
HMA Lab Testing	Per Each Sample	2	$1,040.00	$2,080.00
HMA Cores	Each	20	$30.00	$600.00
Cylinder Compressive Strength	Per Cylinder	54	$20.00	$1,080.00
			TOTAL DIRECT COSTS:	**$3,760.00**

Local Public Agency	County	Section Number
Illinois Department of Public Transportation	Cook	24-00105-00-RS

Consultant / Subconsultant Name	Job Number
Soil and Material Consultants, Inc.	6H4Z(948)

COST ESTIMATE WORKSHEET

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET ANNIVERSARY RAISE

OVERHEAD RATE 138.20% **COMPLEXITY FACTOR** 0.00%

TASK	DIRECT COSTS	MANHOURS	PAYROLL	OVERHEAD & FRINGE BENEFITS	FIXED FEE	SERVICES BY OTHERS	TOTAL	% OF GRAND TOTAL
SENIOR ENGINEER		5.6	310	428	102		840	8.43%
MATERIAL TESTER I	3,760	44	1,793	2,478	592		8,623	86.53%
MATERIAL TESTER II			-	-	-		-	0.00%
CYLINDER PICKUP		6	185	256	61		502	5.04%
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Subconsultant DL					-			
TOTALS	3,760	55.6	2,288	3,162	755	-	9,965	100.00%

Department use only

PR + OH =	$	5,450.00
PR+OH+DC+FF =	$	10,021.00
FF without Subconsultant DL=	$	755.00

Local Public Agency
Illinois Department of Public Transportation

County
Cook

Section Number
24-00105-00-RS

Consultant / Subconsultant Name
Soil and Material Consultants, Inc.

Job Number
6H4Z(948)

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET ANNIVERSARY RAISE

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			SENIOR ENGINEER			MATERIAL TESTER I			MATERIAL TESTER II			CYLINDER PICKUP					
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
SENIOR ENGINEER	55.32	5.6	10.07%	5.57	5.6	100.00%	55.32												
MATERIAL TESTER I	40.75	44.0	79.14%	32.25				44	100.00%	40.75									
MATERIAL TESTER II	45.83	0.0									0								
CYLINDER PICKUP	30.84	6.0	10.79%	3.33										6	100.00%	30.84			
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TOTALS		55.6	100%	$41.15	5.6	100.00%	$55.32	44.0	100%	$40.75	0.0	0%	$0.00	6.0	100%	$30.84	0.0	0%	$0.00

SOIL AND MATERIAL CONSULTANTS, INC.

Office: 847-870-0544
Fax: 847-870-0661
us@soilandmaterialconsultants.com
www.soilandmaterialconsultants.com

May 21, 2026
Proposal No. 24,174

Mr. Matt Abbeduto, P.E.
Baxter & Woodman, Inc.
8840 West 192nd Street
Mokena, IL 60448

Re: Soil and Construction Material Testing
FAU 269 Golbert Avenue Resurfacing
Western Springs, Illinois

Dear Mr. Abbeduto:

Submitted for your consideration is our proposal to provide soil and construction material testing on a will-call basis initiated by your office or representative.

We understand the testing requirements of the IDOT QC/QA program are applicable. We propose to be the QA project manager, provide QA plant testing and provide QA jobsite testing.

Attached is our Schedule of Fees for anticipated services. Note that hourly rates are inclusive of mileage and equipment charges. Based on available information and our experience on similar projects, we estimate a charge of $9,965.00 may be incurred for the anticipated services. Actual billing will be on a unit price basis and you will only be billed for those services actually provided. Final billing may be less than or greater than the estimated charge. Requests for services not included within the scope of this proposal will be provided at our established unit prices.

Thank you for the opportunity of submitting this proposal, which includes the attached General Conditions. If acceptable, please sign and return one copy to our office. Further, please include applicable plans and specifications, if not already submitted.

Very truly yours,

SOIL AND MATERIAL CONSULTANTS, INC.

Reid T. Steinbach, P.E.
Director of Engineering

RTS

Proposal Accepted By:

Client _____

Street _____

Town _____ State _____ Zip Code _____

Phone ( ) _____ E-Mail Address_____

Signature _____ Position _____

Printed Name _____ Date _____

SOIL AND MATERIAL CONSULTANTS, INC. SCHEDULE OF FEES

Effective 1-1-26 BITUMINOUS CONCRETE

Service	Estimated Units		Fee		Cost
Plant Testing					
Technician	2	days	$ 440.00	/day	$ 880.00
Field Testing					
Technician with Nuclear Gauge	16	hours	$ 110.00 440.00	/hour /day min.	$ 1,760.00
Laboratory Testing					
Asphalt Content (ignition)	2	each	$ 200.00	each	$ 400.00
Bulk Specific Gravity (gyratory)	2	each	$ 275.00	each	$ 525.00
Maximum Specific Gravity	2	each	$ 125.00	each	$ 250.00
Unit Weight – cores	20	each	$ 30.00	each	$ 600.00
Engineering					
Senior Engineer (P.E.) - QA Project Manager, includes project administration, field/laboratory engineering, mix design review, consultation and report review	3	hours	$ 160.00	/hour	$ 480.00
			Estimated Cost:		$ 4,815.00

Estimates:

Item	Tons	Contractor Working Days	Est. Days - QA	Plants
HMA Surface, N50	2,107	2.0	1.0	1
HMA Binder, N50	776	1.0	0.5	1
Bit. Conc. Driveway	13	0.5	--	
Class D Patches	174	1.0	0.5	
Total:	3,070	4.5	2.0	2

Billing Notes: Hourly Charges: Portal To Portal Saturdays: Hourly Rate x 1.5
Weekdays over 8 hours/day: Hourly Rate x 1.5 Sundays: Hourly Rate x 2.0

SOIL AND MATERIAL CONSULTANTS, INC. SCHEDULE OF FEES

Effective 1-1-26 PORTLAND CEMENT CONCRETE

Service	Est. Work Units		Fee		Cost
Plant Testing					
Technician		days	$ 600.00	/day	$ If needed
Field Testing					
Technician - includes temperature, slump, air and cylinders	28	hours	$ 110.00 440.00	/hour /day min.	$ 3,080.00
Cylinder Pick-up	6	hours	$ 85.00	/hour	$ 510.00
Laboratory Testing					
Cylinder Compressive Strength	54	each	$ 20.00	each	$ 1,080.00
Engineering					
Senior Engineer (P.E.) - QA Project Manager. includes project administration, field/laboratory engineering, mix design review, consultation and report review	3.0	hours	$ 160.00	/hour	$ 480.00
			Estimated Cost:		$ 5,150.00

Estimates:

Item	Quantity	CY	Contractor Working Days	Est. Days - 20% QA	Cyls.
PCC Combined C & G	3,702 FT	206	3.0	1.0	12
PCC Sidewalk 5”	14,377 SF	222	4.0	1.0	24
PCC Driveway 7”	914 SY	178	3.0	1.0	12
Concrete Foundation	8 FT	5	0.5	0.5	6
Total:		611	10.5	3.5	54

Billing Notes: Hourly Charges: Portal To Portal Saturdays: Hourly Rate x 1.5
Weekdays over 8 hours/day: Hourly Rate x 1.5 Sundays: Hourly Rate x 2.0

SOIL AND MATERIAL CONSULTANTS, INC. SCHEDULE OF FEES

Effective 1-1-26 AGGREGATE AND SOIL

Service	Est. Work Units	Fee			Cost
Field Testing					
Technician	hours	$ 120.00 480.00	/hour /day min.	$	
Technician with Nuclear Gauge	hours	$ 120.00 480.00	/hour /day min.	$	
Material Pick-up	hours	$ 85.00	/hour	$	
Laboratory Testing					
Sieve Analysis – washed	each	$ 125.00	each	$	
Hydrometer Analysis	each	$ 125.00	each	$	
Atterberg Limits	each	$ 125.00	each	$	
Standard Proctor	each	$ 225.00	each	$	
Modified Proctor	each	$ 250.00	each	$	
Engineering					
Senior Engineer (P.E.) - includes project administrations field/laboratory engineering, consultation and report review	hours	$ 160.00	/hour	$	

Estimated Cost: $

Estimates:

Item	Quantity	Field	Proctor
Earth Excavation			
PGE			
Subbase Granular			
Aggregate Base Course			
Aggregate Shoulder			
Totals:			

Billing Notes: Hourly Charges: Portal To Portal Saturdays: Hourly Rate x 1.5
Weekdays over 8 hours/day: Hourly Rate x 1.5 Sundays: Hourly Rate x 2.0

TERMS AND CONDITIONS

Soil and Material Consultants, Inc. (SMC) scope of work defined in the proposal was based on information provided by the client. If incomplete, inaccurate or if unexpected site conditions are discovered, the scope of work may change.

GEOTECHNICAL INVESTIGATIONS

Client will furnish SMC with right-of-access to the site. SMC will take reasonable precautions to minimize site damage due to its operations, but has not included in the fee the cost of restoration of any resulting damage. SMC shall not be liable for damage or injury due to encountering subsurface structures (pipes, tanks, utilities or others) not called to SMC's attention in writing or are not correctly shown on the drawings furnished by client or client's representative. If the client desires, SMC will restore any damage to the site and add the cost of restoration to the fee.

Field work, laboratory testing and engineering analysis will be performed in accordance with generally accepted soil and foundation engineering practices. Samples are retained in our laboratory for 30 days from date of report and then destroyed unless other disposition is requested. The data reported applies only to the soils sampled and the conditions encountered at each boring location. This does not imply or guarantee that soils between borings will be identical in character. Isolated inclusions of better or poorer soils can be found on any site. SMC will not be liable for extra work or other consequences due to changed conditions encountered between borings.

Any exploration, testing and analysis associated with the investigation will be performed by SMC for the client's sole use to fulfill the purpose of this Agreement. SMC is not responsible for use or interpretation of the information by others. The client recognizes that subsurface conditions may vary from those encountered in borings or explorations. Information and recommendations developed by SMC are based solely on available information and for the currently proposed improvement.

TESTING SERVICES

Client shall furnish SMC with at least one working day's notice on any part-time (less than 8 hours/day) job when field personnel are requested. SMC shall make reasonable effort to provide field personnel in a timely manner but reserves the right to schedule field personnel as deemed appropriate. Minimum charges will be billed when work cancellations are received after field personnel have left for the project site.

SMC personnel will provide a professional service based on observations and testing of the work of a contractor, subcontractor, or other service/material provider, as specifically requested. SMC field personnel will look for general conformance with project specifications, plans and/or soil report but does not accept the responsibility to control or direct the work of others. Discrepancies noted by SMC office or field personnel will be referred to client or client's representative.

Testing Services furnished by SMC are defined as the taking of soil and/or material tests at various locations and the making of visual observations relating to earthwork, foundations, and/or materials as specifically requested by the client and agreed to by SMC, and will be limited to those specifically agreed services. Such services will be performed by SMC using that degree of care and skill ordinarily exercised, under similar circumstances, by reputable members of the profession practicing in this or similar localities.

Observations and testing of soils and/or materials by SMC in no way implies a guarantee or warranty of the work of the contractor, subcontractor, or other service/material provider. SMC's work or failure to perform same shall in no way excuse such contractor, subcontractor or other service/material provider from liability in the event of subsequently discovered defects, omissions, errors, deficiencies or failure to perform in accordance with the project plans and specifications. SMC field personnel shall not be responsible for superintendence of the construction process nor direction of the work of the contractor, subcontractor, or other service/material provider. SMC's work shall not include determining or implementing the means, methods, techniques, sequences or procedures of construction. SMC shall not be responsible for evaluating, reporting or affecting job conditions concerning health, safety or welfare.

Documents including but not limited to technical reports, original boring logs, field data, field notes, laboratory test data, calculations, reports of inspection and testing, geotechnical reports, technical reports, submittals and estimates furnished to the client or its agents pursuant to this agreement are not intended or represented to be suitable for reuse by the client or others on extensions of this project or on any other project. Any reuse without SMC's written consent will be at user's sole risk and without liability or legal exposure to SMC. User shall indemnify and hold harmless SMC from all claims, damages, losses and expenses including attorney's fees arising out of or resulting therefrom. To the maximum extent permitted by law, the Client agrees to limit SMC liability for clients' damages to $100,000 or the fee, whichever is lesser. This limitation shall apply regardless of the cause of action or legal theory pled or asserted.

Soil and Material Consultants, Inc. is a Professional Engineering Corporation. Engineering services are often completed by extension through technical staff. The unit rates presented in this proposal do not reflect charges associated with organized labor. Future agreements, if any, with organized labor will invalidate some of the unit rates presented. Required rate adjustments will be presented to the client for acceptance prior to providing services at the adjusted rates.

Services are invoiced monthly for the preceding period. Client agrees to pay each invoice within thirty (30) days of receipt and further agrees to pay interest on all amounts not paid at the rate of 2.0% per month, an annual rate of 24%, from the due date. Client agrees to pay all reasonable costs of collection including staff time, court costs, Attorneys' fees and related expenses, if this account becomes delinquent. Client agrees that reports furnished to the client but not paid for in full remain the sole property of SMC and will not be used for design, construction, permits, licensing, sales or other gain.

COST SHARING INTERGOVERNMENTAL AGREEMENT
BETWEEN THE VILLAGE OF WESTERN SPRINGS, COOK COUNTY, ILLINOIS
AND THE VILLAGE OF LA GRANGE, COOK COUNTY, ILLINOIS
GILBERT AVENUE STP RESURFACING PROJECT
FROM OGDEN AVENUE TO 47TH STREET – CONSTRUCTION AND PHASE III ENGINEERING SERVICES

This COST SHARING INTERGOVERNMENTAL AGREEMENT (the "Agreement") is made and entered into by the Village of Western Springs, an Illinois non-home rule municipal corporation ("Western Springs"), and the Village of La Grange, an Illinois non-home rule municipal corporation ("La Grange"), for the purposes set forth below, dated as of _____, 2026 (the "Effective Date"). La Grange and Western Springs are referred to at times in this Agreement on an individual basis as the "Party" and on a collective basis as the "Parties". La Grange and Western Springs agree as follows:

RECITALS

WHEREAS, the Villages of Western Springs, Illinois and LaGrange, Illinois have undertaken to cooperate with regards to a certain roadway project for resurfacing and ADA-compliant pedestrian improvements to Gilbert Avenue from Ogden Avenue to 47th Street, which is referred to as the Gilbert Avenue STP Resurfacing Project (the "Project"). The project will consist of the resurfacing of Gilbert Avenue, including all necessary and customary ancillary roadway improvements. The work will include the replacement of deteriorated curb and gutter sections, the removal and replacement of sections of sidewalk, and the replacement of intersection sidewalk ramps to meet current ADA accessibility standards. Additional project elements will include pavement patching and base repairs where required, the replacement of existing street signage at select locations, and the installation of a new pedestrian crosswalk at the intersection of Cossitt Avenue and Gilbert Avenue. The crosswalk installation will include a pedestrian-activated flashing beacon together with all appropriate warning and regulatory signage needed to ensure safe pedestrian movement. All improvements will be completed in accordance with applicable engineering standards, accessibility requirements, and local, state, and federal regulations. These improvements are all along Gilbert Avenue from Ogden Avenue to 47th Street and they are located within the respective corporate jurisdictions of La Grange and Western Springs. This section of Gilbert Avenue is a key north-south commercial arterial roadway that serves the residents and businesses of Western Springs and La Grange and comprises a portion of their shared boundary line; and

WHEREAS, pursuant to previous agreements between the parties, Western Springs has acted as the lead agency in submitting grant applications for federal, state and local funding sources to pay for both the Design Engineering Services and the performance of Construction Engineering services and Construction work (collectively the "Construction Work") for the project; and

WHEREAS, with regard to previous Design Engineering work undertaken, under the FY2023 Invest in Cook ("IIC") Grant Program, Western Springs was obligated to pay the actual incurred costs to complete the Construction and Construction Engineering Work for the Project and then seek reimbursement from Cook County of the IIC Grant Amount. Western Springs and La Grange agreed to share equally in the actual incurred costs to complete the Phase 2 Design Engineering Work for the Project that was not paid for by the IIC Grant Amount, which was estimated to be a maximum 20% of the overall project costs, with Western Springs and La Grange each respectively being responsible for 10% of the overall project costs; and

WHEREAS, with regard to the anticipated Construction Work, Western Springs and LaGrange likewise agree to share equally in the actual incurred costs to complete the Construction Work not paid for by STP Funds, or other Grant Funds, which is estimated to be a maximum 20% of overall project costs, with Western Springs and LaGrange each respectively being responsible for 10% of the overall project costs; and

WHEREAS, this Agreement sets forth the Parties' respective responsibilities and obligations relative to STP Funds, any IIC Grant Amount, or other grant funds; the selection of a professional engineering firm or an Illinois licensed engineer to complete the Construction Engineering Work and the bidding and selection of a Construction Contractor to construct the Project; the cost sharing arrangement for the payment of the costs associated with the Construction and Construction Engineering Work for the Project; and

WHEREAS, pursuant to certain statutory and constitutional powers, including but not limited to the applicable provisions of the Illinois Municipal Code (65 ILCS 5/), and Article VII (Local Government), Section 7 (Counties And Municipalities Other Than Home Rule Units) and Section 10 (Intergovernmental Cooperation) of the Illinois Constitution of 1970, as well as the Illinois Intergovernmental Cooperation Act (5 ILCS 220/), the respective corporate authorities of Western Springs and La Grange are authorized to approve and enter into this Agreement, and have found that it is protective of the health, welfare and safety of and in the best interests of Western Springs and La Grange, and its residents, property owners, local businesses and the public to approve and enter into this Agreement.

NOW, THEREFORE, in consideration of the mutual agreements, obligations and covenants set forth in this Agreement, and upon the further consideration stated in the foregoing Recitals, it is agreed by La Grange and Western Springs as follows:

Section 1. Incorporation. The above Recitals are incorporated by reference into this Section 1 as though fully set forth herein.

Section 2. Commencement and Term of This Agreement. This Agreement shall commence on the Effective Date. Subject to Section 6 (Termination) below, the term of this Agreement shall terminate after: (a) the Construction Work has been completed to the reasonable satisfaction of La Grange and Western Springs; and (b) Western Springs has been fully reimbursed for all actual incurred costs related to the completion of the Construction Work for the Project or any other costs, as provided for in this Agreement.

Section 3. Scope of Work to be Performed Under This Agreement. La Grange and Western Springs agree that the scope of work to be performed under this Agreement relative to the Project is limited to the selection of a professional engineering firm or an Illinois licensed engineer and the bidding and award of a Construction Contractor to complete the Construction Work for the Project. Once the Construction Work is completed, the Parties agree to meet and confer relative to the content of the Construction Work and the potential bidding and construction of the Project.

Section 4. Responsibilities of La Grange and Western Springs.

A. Responsibilities of Western Springs as Lead Agency. Western Springs, as the Lead Agency, has the following responsibilities under this Agreement:

a. Arrange for the selection process and the selection of a professional engineering firm or an Illinois licensed engineer (the "Engineer") to complete the Construction Engineering Work for the Project.
b. Enter into a professional services agreement with the Engineer to perform the Construction Engineering Work for the Project, including, but not limited to, preparing preliminary, pre-final and final construction plans, specifications, special provisions and cost estimates ("Phase III Work Documents").
c. Coordinate the Construction Engineering Work to secure delivery of Phase III Work Documents.
d. Administer the professional services agreement, including coordination and completion of the Phase III Work Documents, contract payments to the Engineer and any change orders.
e. Arrange for the bidding process and award for a construction contractor (the "Construction Contractor") to complete the Construction Work.
f. Coordinate the Construction Engineering and Construction Work to secure the completion of the Project.
g. Administer the Construction Contract through the Engineer to secure the completion of the Construction Work.
h. Paying all costs to the Engineer and to the Construction Contractor for the completion of the Construction and Construction Engineering Work, including any work covered by change orders.
i. Securing digital copies of the Phase III Work Documents from the Engineer.
j. Sharing digital copies of the Phase III Work Documents with La Grange within five (5) calendar days of receipt of same from the Engineer.
k. Review of the Phase III Work Documents and submit within fifteen (15) calendar days after receipt of the Phase III Work Documents any revisions to the Engineer and La Grange for incorporation into the Phase III Work Documents by the Engineer.
l. Requesting reimbursement for any Grant Amount.
m. Delivery of proof of reimbursement for any Grant Amount to La Grange.
n. Delivery of an invoice(s) to La Grange for the full fifty percent (50%) of the actual incurred costs of the completion of the Construction and Construction Engineering Work for the Project that are not paid for by any Grant Amount.
o. The selection process and selection of the Engineer and awarding and administering of the professional services agreement with the Engineer and the bid and awarding and administering of the Construction Contract shall comply with all applicable State and federal laws and regulations.

B. Responsibilities of La Grange. La Grange has the following responsibilities under this Agreement:
a. Acknowledge receipt of digital copies of the Phase III Work Documents within five (5) calendar days of receipt of same from Western Springs.
b. Review of the Phase III Work Documents and submit within fifteen (15) calendar days after receipt of the Phase III Work Documents any revisions to the Engineer and Western Springs for incorporation into the Phase III Work Documents by the Engineer.
c. Payment of any invoice(s) issued by Western Springs for the full fifty percent (50%) share of the actual incurred costs of the completion of the Construction and Construction Engineering Work for the Project that are not paid for by any Grant Amount. Payment shall be made within thirty (30) calendar days of the invoice date, including, without limitation, any change orders and cost-overruns. The obligation of La Grange to reimburse

Western Springs is not subject to set-off, withholding, or any other claim or action, under any circumstances, provided that Western Springs has satisfied all of its obligations under this Agreement. Payments are due, as provided in this Subsection, regardless of any issue, dispute, disagreement, or any other matter under this Agreement or in any way related to the Project or the Construction and Construction Engineering Work, provided that Western Springs has satisfied all of its obligations under this Agreement.

d. Identify a project liaison to serve as the main point of contact for all project coordination.

C. Joint Responsibilities. Each Party has the following responsibilities related to the Project:

a. The Parties agree to cooperate in good faith to finalize the Phase III Work Documents to each other's reasonable satisfaction.

b. If either Party does not submit revisions to the Phase III Work Documents within the fifteen (15) calendar day time period, it will be assumed that the Party has approved the Phase III Work Documents without revision.

c. Prompt execution by the Parties of all Project-related documents as requested by Western Springs or as required by Cook County or any federal or State agency with jurisdiction over the Project.

d. La Grange and Western Springs agree to pay an equal share (50%) of the actual incurred cost to complete the Construction and Construction Engineering Work that are not paid for by the Grant Amount.

e. If, prior to the commencement of the Construction and Construction Engineering Work, any funding entity notifies Western Springs that grant funding will not pay all or any portion of the Construction and Construction Engineering Work (i.e., the award of the STP Funds or any other pending funds not including IIC funds, which the parties are aware have not been awarded), the Parties agree to meet and confer relative to proceeding with the Construction and Construction Engineering Work. If the Parties agree to proceed with the Construction and Construction Engineering Work, La Grange and Western Springs agree to pay an equal share (50%) of the actual incurred cost to complete the Construction and Construction Engineering Work that are not paid for by any Grant Amount.

f. La Grange and Western Springs agree to pay for their own respective costs (e.g., their own administrative resources, staff time, services provided by and fees and costs charged by their own engineer(s), attorney(s) or any of their own retained professional consultants, and out-of-pocket business expenses) that they incur in preparing this Agreement or incur under this Agreement (i.e., review costs of the Construction and Construction Engineering Work Documents) and/or contribute to the Project.

g. As Lead Agency, Western Springs shall be responsible for taking the lead on all responses and information submittals to any governmental agency with oversight jurisdiction of any Grant funding relative to any audit or compliance reporting regarding the Grant funding or the Project. Upon request, La Grange agrees to cooperate with Western Springs in a timely manner with all responses and information submittals to any governmental agency with oversight jurisdiction of the Grant funding relative to any audit or compliance reporting regarding the Grant funding or the Project. La Grange agrees to provide to Western Springs or Cook County or any other governmental agency with oversight jurisdiction copies of any documents and information in its possession that are responsive to any audit or compliance reporting regarding the grant funding or the Project.

h. Upon request, the Parties agree to cooperate in a timely manner with each other regarding their respective responses to requests filed under the Freedom of Information Act ("FOIA") (5 ILCS 120/) that relate to any matters covered by this Agreement. Notwithstanding any provision in this Agreement to the contrary, the obligations in this Subsection shall survive the termination of this Agreement.

D. Changes to Construction and Construction Engineering Work. If either Party: (a) requests a change to the Construction and Construction Engineering Work that affects or benefits only that Party's jurisdiction or facilities; or (b) increases the scope or extent of the Construction and Construction Engineering Work to be performed beyond the scope provided in this Agreement, (either (a) or (b) being a "Party Change Order"); then that Party must pay all costs and expenses related to that Party Change Order (the "Total Change Order Cost") in advance of commencement of the work provided for in that Party Change Order. The Total Change Order Cost includes not only the costs and expenses related to the changed Construction and Construction Engineering Work or additional Construction and Construction Engineering Work, (i.e., additional or revised engineering work and all related costs, but also all costs and expenses incurred as a result of the impact of the Party Change Order on the original scope of the Construction and Construction Engineering Work). The Party's payment of Total Change Order Cost must be made to Western Springs prior to the issuance of a contract change order to the Engineer. Western Springs will apply the money paid to Western Springs to the costs of the work covered by the Party Change Order. If the Total Change Order Cost for the Party Change Order exceeds the amount of money paid to Western Springs, then the Party must reimburse Western Springs the full amount of that excess cost within ten (10) calendar days after notice from Western Springs of the amount of that excess cost.

E. Lead Participant Authority; Limitation on Claims. Western Springs, as the Lead Participant, has the following authority:

a. To make final decisions on Construction and Construction Engineering Work matters in the absence of a consensus of the Parties that are consistent with the intended purposes of this Agreement and the Project.

b. To coordinate and oversee the Construction and Construction Engineering Work in a commercially reasonable manner as determined in Western Springs's exercise of its judgment and discretion.

c. To stop the Construction and Construction Engineering Work or any portion of it, in the event of any dispute under this Agreement or under the professional services agreement with the Engineer, when Western Springs determines in the exercise of its judgment and discretion that a stoppage is reasonable**.**

F. Waiver of Right to Make Claims Against Western Springs. In consideration of the terms of this Agreement, La Grange waives any right it may have at any time to assert any claim or action of any type whatsoever against Western Springs for any act, omission, action, or inaction of Western Springs related in any way to any matters covered by this Agreement, except only an action for a specific breach of a specific term of this Agreement by Western Springs.

Section 5. Indemnification; Waiver of Subrogation.

A. Indemnification - La Grange. To the fullest extent permitted by Illinois law, La Grange shall indemnify and defend Western Springs and its appointed and elected officials, officers,

president and board of trustees, employees, agents, representatives and attorneys (collectively "Western Springs Affiliates") from and against any and all bodily injuries, illnesses, death, property damage, losses, claims, obligations, liens, encumbrances, demands, liabilities, penalties, causes of action, and costs and expenses of any kind, including without limitation orders, damages, judgments, fines, forfeitures, amounts paid in settlement, and reasonable defense and litigation costs and reasonable attorneys' fees (collectively "Claims and Liabilities") that arise out of or relate to any acts or omissions of La Grange or its appointed and elected officials, officers, president and board of trustees, employees, agents, representatives and attorneys (collectively "La Grange Affiliates") relative to the Project or any matters covered by this Agreement, except to the extent that such Claims and Liabilities result, in whole or in part, due to the acts or omissions of Western Springs or its Western Springs Affiliates.

B. Indemnification – Western Springs. To the fullest extent permitted by Illinois law, Western Springs shall indemnify and defend La Grange and its appointed and elected officials, officers, president and board of trustees, employees, agents, representatives and attorneys (collectively "La Grange Affiliates") from and against any and all bodily injuries, illnesses, death, property damage, losses, claims, obligations, liens, encumbrances, demands, liabilities, penalties, causes of action, and costs and expenses of any kind, including without limitation orders, damages, judgments, fines, forfeitures, amounts paid in settlement, and reasonable defense and litigation costs and reasonable attorneys' fees (collectively "Claims and Liabilities") that arise out of or relate to any acts or omissions of Western Springs or its appointed and elected officials, officers, president and board of trustees, employees, agents, representatives and attorneys (collectively "Western Springs Affiliates") relative to the Project or any matters covered by this Agreement, except to the extent that such Claims and Liabilities result, in whole or in part, due to the acts or omissions of La Grange or its La Grange Affiliates.

C. Waiver of Subrogation. Each Party agrees to waive any right of recovery they may have against the other because of payments relative to any Claims and Liabilities (as defined above) arising out of the Project or any other matters covered by this Agreement.

Section 6. Termination. This Agreement will terminate as follows:

A. This Agreement shall terminate after: (a) the Construction and Construction Engineering Work has been completed to the reasonable satisfaction of La Grange and Western Springs; and (b) Western Springs has been fully reimbursed for all actual incurred costs related to the Construction and Construction Engineering Work, as provided for in this Agreement.

B. This Agreement may be mutually terminated by La Grange and Western Springs, but only after the Parties satisfy their respective payment obligations under this Agreement relative to the completion of the Construction and Construction Engineering Work.

C. This Agreement may be terminated upon failure to cure a material breach of this Agreement. In the case of material breach, the non-defaulting Party may terminate this Agreement upon written notice, if the breaching Party fails to cure the breach within thirty (30) calendar days after receipt of written notice. The defaulting Party shall be responsible for those additional costs related to the breach and all non-cancellable obligations made in pursuit of this Agreement, provided that the non-defaulting Party satisfies its respective payment obligations under this Agreement relative to the completion of the Construction and Construction Engineering Work.

D. Termination of this Agreement is subject to the legal and equitable rights and remedies of the Parties to enforce the terms of this Agreement, including continuing the right of specific performance relative to: (a) each Party's respective payment obligations under this Agreement relative to the completion of the Construction and Construction Engineering Work; or (b) the performance of any continuing obligations of either Party under this Agreement.

Section 7. Dispute Resolution; Negotiation. The Parties may attempt to resolve any future disputes, including any Events of Default, that may arise between them relative to this Agreement by avoiding termination of this Agreement or litigation. Accordingly, the Parties agree to engage in good faith negotiations to resolve any such dispute. If either Party has a dispute about a violation, interpretation or application of a provision of this Agreement, or if a dispute arises regarding either Party's failure to comply with the terms of this Agreement, then a written notice prepared by the affected Party, or their representative, shall be served on the other Party as provided in Section 8(F) of this Agreement (the "Dispute Resolution Notice"). The written Dispute Resolution Notice shall set forth in detail the dispute, the provisions of this Agreement to which the dispute is related, and all facts and circumstances pertinent to the dispute. The Party receiving the Dispute Resolution Notice then, within five (5) calendar days of receipt of the notice or issuance of the notice, shall schedule a date to conduct a conference to resolve the dispute. Such conference shall be conducted by the representatives of the Parties within fifteen (15) calendar days after the Dispute Resolution Notice has been delivered as provided herein. If a resolution is not reached within such 15-day period (or such longer period to which the Parties may mutually agree), then either Party may pursue the other remedies available under this Agreement or available under applicable law.

Section 8. General Provisions.

A. Amendments. This Agreement may be amended or modified only by a written amendment approved and executed by each Party.

B. Compliance With Laws. Each Party agrees to observe and comply with all federal, State, and local laws, codes, and ordinances applicable to the Project.

C. Entire Agreement. This Agreement constitutes the entire agreement of the Parties with respect to the matters contained herein, and all prior agreements, written or oral, between the Parties relating to the subject matter of this Agreement are cancelled and terminated and are of no force or effect. No modification of or amendment to this Agreement shall be effective unless such modification or amendment is in writing and signed by both Parties hereto.

D. Corporate Approval. La Grange and Western Springs represent and warrant that their respective corporate authorities have taken proper actions to authorize the approval and execution of this Agreement, and that their respective representatives have signed this Agreement pursuant to such actions in order to bind La Grange and Western Springs to the terms of this Agreement.

E. Insurance Coverage. For the duration of this Agreement, the Parties, at their own costs, agree to maintain, at a minimum, the following insurance coverages: (a) commercial general liability insurance policy (which also may be referred to as a public liability insurance policy), including but not limited to coverage for bodily injury, illness, death and property damage, in the amount of at least One Million Dollars ($1,000,000.00) per occurrence and at least Two Million Dollars

($2,000,000.00) aggregate, for purposes of covering the Parties' and their employees' participation in the Project and their acts and omissions under this Agreement; and (b) worker's compensation insurance policy with coverage in the statutory amount conforming to the current laws of the State of Illinois and Employer's Liability coverage in an amount of $1,000,000.00 per employee, per accident. Insurance policy or policies of insurance shall specifically recognize and cover its indemnification obligations under this Agreement, and shall contain cross-liability endorsements. All certificates of insurance shall contain the following endorsement: "Should any of the above-described policies be canceled before the expiration date thereof, the issuing company shall serve thirty (30) calendar days prior written notice to [Village of La Grange or Village of Western Springs]". In the event of the cancellation of any insurance policy required herein, or upon the Party's failure to procure said insurance, the other Party shall have the right to immediately terminate this Agreement. Membership in an intergovernmental risk pool shall be sufficient to satisfy the insurance coverages to be furnished. Upon request, each Party agrees to furnish to the other Party a certificate of insurance evidencing such insurance coverages.

F. **Notice.** Any notice, request, demand, or other communication provided for by this Agreement must be in writing and will be deemed to have been duly received upon: (a) actual receipt if personally delivered and the sender received written confirmation of delivery, (b) receipt as indicated by the written or electronic verification of delivery when delivered by overnight courier, (c) receipt as indicated by the electronic transmission confirmation when sent via facsimile transmission or email, or (d) three (3) calendar days after the sender deposits the notice with the U.S. Post Office when sent by certified mail, return receipt requested. By notice complying with the requirements of this Section, each Party shall have the right to change the address or the addressee, or both, for all future notices and communications to them, but no notice of a change of addressee or address shall be effective until actually received. Notice must be sent to the address set forth below, or to such other address as any Party may specify in writing.

Notice to Western Springs:
Village Manager
Village of Western Springs
740 Hillgrove Avenue
Western Springs, Illinois 60558
(708) 246-1800
(708) 246-0284 (facsimile)
ebaer@wsprings.com

Notice to La Grange:
Village Manager
Village of La Grange
53 South La Grange Road
La Grange, Illinois 60525
(708) 579-2316
(708) 579-0980 (facsimile)
jknight@villageoflagrange.com

G. **Force Majeure.** Neither Party shall be liable in damages for any delay or default in performing its respective obligations under this Agreement if the delay or default is caused by conditions beyond its control. Such conditions include, but are not limited to, acts of God, government restrictions, pandemic, strikes, fires, floods or work stoppages, or acts or failures to act of third parties, excluding acts or failures to act by the Parties or their respective Affiliates. So long as any such delay or default continues, the Party affected by the conditions shall keep the other Party at all times fully informed concerning the matters causing the delay or default and the prospects of their ending.

H. **No Relationship Created; No Third Party Beneficiaries.** Nothing in this Agreement shall be construed to create any relationship of partner, joint venture, employee or agent as between the Parties hereto, nor shall this Agreement be construed to create any rights in third parties.

I. **Governing Law/Venue.** This Agreement will be governed and interpreted under the laws of the State of Illinois. The Parties agree that the venue for all disputes, claims and lawsuits arising between the Parties under this Agreement shall be either the Circuit Court of Cook County, Illinois (Chicago/Daley Center) or the United States District Court, Northern District of Illinois (Chicago) and that either court system shall have jurisdiction of such matters and each Party consents to either Court's exercise of jurisdiction.

J. **Waiver.** The failure of either Party at any time to enforce any provision of this Agreement shall not constitute a waiver of that Party's right to later enforce the provision or all terms of this Agreement.

K. **Construction of Agreement.** Each Party had a full and equal opportunity to review this Agreement, and have it reviewed by legal counsel, if the Party desired that review, before the Party approved and entered into this Agreement. Therefore, the rule of construction that an ambiguity may be resolved against the drafter does not apply to this Agreement.

L. **Section Caption Headings.** The headings of each section herein are provided for convenience, only, and are not considered part of this Agreement by the Parties.

M. **Severability.** If any provision of this Agreement is held unenforceable, the provision shall be severed and the remainder of this Agreement will continue in full force and effect. If any provision of this Agreement shall be held or deemed to be or shall in fact be inoperative or unenforceable as applied in any particular case in any jurisdiction or in all cases because it conflicts with any provision(s) hereof or any constitution, statute, ordinance, rule of law or public policy, or, for any reason, such circumstances shall not have the effect of rendering any other provision(s) contained herein invalid, inoperative or unenforceable to any extent whatsoever. The invalidity of any one or more phrases, sentences, clauses or sections contained in this Agreement shall not affect the remaining portions of this Agreement or any part hereof.

N. **No Personal Liability.** No appointed and elected officials, officers, president and board of trustees, employees, agents, representatives and attorneys of either Party shall be individually or personally liable in any manner under any legal claim or action brought pursuant to law or equity or contract in connection with this Agreement.

O. Counterparts. Counterparts/Facsimile/Email Signatures. This Agreement may be signed in counterparts, all of which together constitute this Agreement. Facsimile or emailed signatures shall constitute original signatures for all purposes.

P. Assignment. No Party may assign this Agreement or any right or obligation, in whole or in part, under this Agreement to any other person or entity.

IN WITNESS WHEREOF, each Party has caused this Agreement to be executed on its behalf by properly authorized officials as of the dates listed below. The date of the last signatory shall be the "Effective Date" of this Agreement, which shall be inserted on Page 1 above.

VILLAGE OF WESTERN SPRINGS

By: _____
Name: _____
Title: _____
Date: _____

ATTEST

By: _____
Name: _____
Title: _____
Date: _____

VILLAGE OF LA GRANGE

By: _____
Name: _____
Title: _____
Date: _____

ATTEST

By: _____
Name: _____
Title: _____
Date: _____

Illinois Department of Transportation

Resolution for Improvement Under the Illinois Highway Code

Is this project a bondable capital improvement?
☐ Yes ☒ No

Resolution Type	Resolution Number	Section Number
Supplemental	26-	25-00105-00-RS

BE IT RESOLVED, by the President and Board of Trustees (Governing Body Type) of the Village (Local Public Agency Type)
of Western Springs (Name of Local Public Agency) Illinois that the following described street(s)/road(s)/structure be improved under the Illinois Highway Code. Work shall be done by Contract (Contract or Day Labor).

For Roadway/Street Improvements:

Name of Street(s)/Road(s)	Length (miles)	Route	From	To
Gilbert Avenue	1.03		US 34 Ogden Avenue	47th Street

For Structures:

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

Preliminary Engineering, Construction Engineering, Construction costs for the subject roadway improvement

2. That there is hereby appropriated the sum of four hundred fifty thousand Dollars ($450,000.00) 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, Edward Tymick (Name of Clerk) Village (Local Public Agency Type) Clerk in and for said Village (Local Public Agency Type)
of Western Springs (Name of Local Public Agency) 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 (Governing Body Type) of Western Springs (Name of Local Public Agency) at a meeting held on _____ (Date).

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this _____ (Day) day of _____ (Month, Year).

(SEAL, if required by the LPA)

Clerk Signature & Date

Approved

Regional Engineer Signature & Date
Department of Transportation

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM E.8.

To: Public Works and Water Committee
From: Jeff Koza, Director of Engineering Services
CC: Ellen Baer, Village Manager, Casey Biernacki, Deputy Village Manager, John Mastandona, Director of Finance
RE: Hillgrove Avenue Improvements - Resolution of Support for the Illinois Transportation Enhancement Program (ITEP) Grant Application

Recommendation

Consider a recommendation to approve a resolution in support of the Hillgrove Avenue Improvements ITEP grant application.

Summary

Staff is seeking authorization to submit an application for Illinois Transportation Enhancement Program (ITEP) funding for the Hillgrove Avenue Streetscape and Pedestrian Improvements Project, spanning Hillgrove Avenue from Hampton Avenue to Wolf Road. The project aims to enhance pedestrian, bicycle, accessibility, safety, and streetscape conditions within the Village's downtown corridor adjacent to the Western Springs Metra Station.

The Village has already secured $3,000,000 in Surface Transportation Program (STP) funds from the West Central Municipal Conference (WCMC) for this project. ITEP represents one of several grant funding opportunities that Staff is actively pursuing to help leverage additional external funding and reduce the Village's overall financial burden.

ITEP is a reimbursable grant program administered by IDOT, requiring a local match. If awarded, ITEP funds could cover up to 80% of eligible project costs, up to a maximum contribution of $5 million. V3 Companies is performing the Phase 1 engineering on the project and also assisting with the ITEP application process. They are currently working on developing a cost estimate to identify which project elements are eligible for ITEP. Once that cost estimate is received, Staff will recommend applying for the maximum amount of funding up to the $5 million maximum. The application is due to IDOT on October 5, 2026.

Financial Impact

N/A

Recommended Motion

I move to recommend to the Village Board the approval of a resolution in support of the

Hillgrove Avenue Improvements ITEP grant application.

Strategic Plan Alignment

Infrastructure Improvements

File Attachments

None

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM E.9.

To: Public Works and Water Committee
From: Diana Puga, Municipal Services Coordinator
CC: Ellen Baer, Village Manager, Jeff Koza, Director of Engineering Services
RE: Approval of a Master Services Agreements with Existing and Proposed Engineering Firms

Recommendation

Consider a recommendation to approve entering into a master services agreement with Thomas Engineering, Robinson Engineering, Ltd, HR Green, Inc., Baxter & Woodman Consulting Engineers, Christopher B. Burke Engineering, Ltd, and V3 Companies.

Summary

During the August Committee meeting, staff reported on a review process for the existing pre-qualified engineering firms. The closure of James J. Benes & Associates, one of the Village's long-standing firms, reduced the number of approved firms from five to four. Staff recommends retaining the current four engineering firms (Christopher B. Burke Engineering Ltd., V3 Companies, Baxter & Woodman, and HR Green, Inc.) and adding additional qualified firms to ensure timely completion of the planned Capital Improvement Plan projects over the next eight to ten years.

As was previously discussed, staff prepared a formal request for qualifications for professional engineering services. Qualifications were received from 13 interested firms. The staff team asked to review the qualifications consisted of Deputy Manager Biernacki, Director of Municipal Services Supert, Director of Engineering Koza, Municipal Services Coordinator Puga, and Staff Engineer Cebelis. The team identified three (3) finalist firms; Thomas Engineering, Robinson Engineering, and Hancock Engineering. Interviews were conducted with each firm on July 23, 2026. The staff team determined that all three firms were qualified and capable. After the interviews, staff completed reference checks for each firm and unanimously recommended approval of Thomas Engineering and Robinson Engineering. The Village Manager concurred and this item is being brought to the Committee for consideration.

Both firms have been sent a Master Services Agreement (MSA) for their review. The Village Attorney drafted the MSA, and it will replace the Professional Services Rider that was previously used in conjunction with each engineering firm proposal. Staff expects to have confirmation from each firm on their acceptance of the terms of the MSA before the September 14, 2026 Board meeting. To ensure all firms are on the same contract terms, Village staff also anticipate bringing forward a request for the approval of MSA's for the four (4) existing firms at the same

meeting. Staff expects MSA's for all firms to be ready for consideration at the September 28, 2026, Village Board meeting.

Financial Impact

The Master Service Agreements set terms for all future engineering proposals. No costs are associated with the execution of the agreements. All future project work will be brought to the Board separately.

Recommended Motion

I move to recommend to the Village Board the approval of master services agreements with Thomas Engineering, Robinson Engineering, Ltd, HR Green, Inc., Baxter & Woodman Consulting Engineers, Christopher B. Burke Engineering, Ltd, and V3 Companies.

Strategic Plan Alignment

Financial Sustainability
Infrastructure Improvement

File Attachments

1. Robinson Engineering Qualifications Submittal
2. Thomas Engineering Group, LLC Qualifications Submittal
3. Example Master Services Agreement

Letter of Interest (Transmittal Letter)

June 22, 2026

To: Ms. Diana Puga, Village of Western Springs
740 Hillgrove Avenue
Western Springs, IL 60558

RE: **Response to RFQ for Project Engineering Services**

We appreciate the opportunity to submit this proposal to provide Village Wide Professional Engineering Consulting Services for the Village of Western Springs (Village). We are eager for the opportunity to provide professional engineering services to assist Western Springs with various infrastructure projects and scopes of services as identified in the Villages' Request for Qualifications (RFQ) document.

1. Robinson Engineering, Ltd. (Robinson)
2. **Itasca** (local) 127 N. Walnut Street, Suite 200 / **South Holland** (Cook County) 16133 Lasalle Street
3. **Itasca** (847) 250-5635 / **South Holland** (708) 331-6700
4. **Federal Tax ID:** 36-2407339
5. **Proposal and Contract Contact:** Jeffrey C. Pintar, PE, CFM, Director of Municipal Services
   10045 W. Lincoln Highway, Frankfort, IL 60423
   Fax (815) 806-0301; Ph. (708) 210-5682; jpintar@reltd.com
6. **Brief introduction and statement of interest.** Providing Inflow/Infiltration services to the Village has afforded us the opportunity to gain valuable knowledge of Western Spring's infrastructure as well as to learn more about the Village's vision, goals, and needs. We have also developed effective working relationships with Village staff to efficiently provide services based on an understanding of Village processes, procedures, and preferences. We would be honored to be added to the list of engineering firms to serve Western Springs and to continue building upon our knowledge of and relationships with the Village.

Robinson is well qualified to provide the gamut of infrastructure engineering needs to be encountered by the Village. Our technical expertise in all aspects of municipal engineering, and unmatched client service commitment, are highlighted by our role as municipal engineers to nearly 50 Chicagoland municipalities, including over 20 for more than 50 years. We are attuned to the challenges faced by municipal staff and officials when addressing infrastructure projects and assisting communities to bring developments through the municipal process. We excel at thinking outside the box to provide creative, practical and cost-effective alternatives. Our 120+ member organization considers it our duty to go BEYOND ENGINEERING in the level of service we provide to our client communities, far beyond mere excellence in the design and construction aspects of capital improvement projects.

Many engineering firms, small or large, perform the technical aspects of civil infrastructure design and construction engineering quite well, with the requisite qualifications, expertise, and resources to facilitate most individual projects. This bar, however, represents the bare minimum threshold of expectations to be considered by a dynamic, first-class community like Western Springs.

Robinson differentiates itself from its contemporaries on a continuous basis in several areas:

- Proven dedication to long-term community service
- Unmatched municipal knowledge, experience, and devotion to Chicago area communities since the 1950s
- Expansive network of local, state and federal government affairs network developed over decades, from whom we can draw upon to assist in achieving Western Springs objectives in a timely fashion
- Unparalleled proven success in securing outside funding sources through a variety of economic climates
- Conflict of interest avoidance by declining private sector work opportunities
- Creative, common-sense solutions to complex problems; Technology investments that enhance client service
- Office locations in nearby Itasca and in South Holland (Cook County)

If you need any further information, please don't hesitate to contact us at your convenience.

Very truly yours,

Jeffrey C. Pintar, PE, CFM, Director of Municipal Services, Robinson Engineering, Ltd.
(708) 210-5682 / jpintar@reltd.com

June 22, 2026

Statement of Qualifications for

Additional Consulting Engineers and Engineering Firms to Provide Professional Engineering Services

Village of Western Springs



Letter of Interest (Transmittal Letter)

Contents of Statement of Qualifications (Response)

	Page
Response Content	1
Relevant Experience and Project Examples	2
Specialized Knowledge / Scope of Engineering Services Sought by RFQ	15
Key Personnel Availability and Assignment Chart / Professional Qualifications / Firm Resume	24

1. Response Content

a. Respondent's Understanding

Robinson Engineering, Ltd. is eager to be considered for any and all of the various project types and roles described in your May 28, 2026 Request for Qualifications (RFQ). Our privilege serving as village/city engineers to nearly 50 Chicagoland communities *(including 21 for over a half-century)* has allowed many of our municipal clients to enjoy relying upon us as a 'one-stop shop' for their engineering needs. As such, we've included information about our capabilities to provide services in each of the technical disciplines listed in your RFQ.

We certify that Robinson Engineering:

b. Meets the appropriate state licensing requirements to practice in the State of Illinois;

c. Has not had a record of substandard work within the last five (5) years;

d. Has not engaged in any unethical practices within the last five (5) years; and

e. If awarded the contract, acknowledges the firm's complete responsibility for the entire contract, including payment of any and all charges resulting from the contract.

f. Other Information

We understand the unique characteristics of each local community we serve, including the importance of their community development initiatives, funding challenges for local infrastructure, and seemingly endless unfunded mandates. We blend our decades of technical infrastructure experience with honed municipal expertise to provide a level of community commitment that is **beyond engineering**.

g. Signature of authorized executive



Jeffrey C. Pintar, PE, CFM

h. Client Representatives:

- **Jeffrey C. Pintar, PE, CFM, Director of Municipal Services,** with 24 years of experience, will be the Village's executive contact as the Principal-in-Charge. Jeff focuses on training and development of municipal engineers and involved in the oversight of the Planning and Development, Geographic Information Services (GIS), Infiltration/Inflow, Utility Contract Operations, and Environmental Services departments.
- **Brad Clark, PE, Senior Project Manager,** with 28 years of experience would be assigned as the Village's primary point of contact. Since joining Robinson, Brad has worked on transportation, storm sewer, and water main design projects. With more than 20 years of client management experience, Brad does not have any current client management responsibilities so he is both competent and available to serve the Village as his primary responsibility.
- **Mark A. Wesolowski, PE, CFM, Senior Project Manager/Regional Engineering Office Manager,** with 30 years of experience as a design engineer and office manager, Mark has prepared our team to serve the Village in all facets of design and municipal engineering needs.



2a. Firm Overview

Robinson Engineering, Ltd., a corporation, was founded in 1937. Robinson Engineering, Ltd. is 100% owned by DJ&A Acquisitions, LLC. On May 15, 2026, DJ&A and Robinson Engineering, Ltd. joined together in a strategic merger of equals to create a new, nationwide engineering platform. Both firms are now 100% owned by DJ&A Acquisitions, LLC, a subsidiary of KCM Civil Holdings, LLC. Over 80 individuals employed by the platform firms are owners of KCM Civil Holdings, LLC.

We believe thriving communities are built through thoughtful, lasting partnerships—not just individual construction projects. That's why we don't just design roads, utilities, and infrastructure; we focus on how each project fits into a community's long-term vision. We collaborate with municipal officials, staff, business owners, and residents to ensure that the work that we do strengthens the places where we collectively live, work, and raise our families.

Yes, we design public infrastructure, but what we really do is help communities grow and thrive.

We are more than engineers—we are master planners, problem solvers, innovators, and community partners. We go **Beyond Engineering** to help municipalities navigate complex challenges. Our professionals are equipped with the knowledge and experience to support your team. We go **beyond** the standard civil engineering services to help municipalities accomplish their goals for the future.

89
Years in Business

120+
Professional Staff

100+
Municipal Clients

6
Office Locations



Engineering & Related Services

Potable Water
- Supply & Distribution Systems
- Storage Facilities
- Pumping & Treatment Facilities
- System Modeling
- Master Planning & Studies
- Lead Service Line Replacements

Wastewater
- Conveyance Systems
- Treatment Facilities
- Lift Stations & Force Mains
- EPA/MWRD Compliance
- SCADA Systems

Inflow and Infiltration
- Sewer Televising & Evaluation
- Smoke and Dyed Flood Testing
- System Start-Up & Flow Monitoring
- Sewer System Evaluation Study
- GPS Locating

Water and Wastewater Operations
- Facility Operations
- Maintenance Programs
- Monitoring & Sampling
- Troubleshooting & Process Control
- Regulatory Reporting & Compliance

Corrosion Mitigation
- Protective Coating
- Condition Evaluations
- Plan & Specification Preparation
- Construction Observation
- Inspections for Warranty

Transportation
- Phase I, II & III Engineering
- Roadway Resurfacing & Reconstruction
- Traffic Signals & Street Lighting
- Sidewalks/ADA Compliance
- Quiet Zones & Parking Lots

Stormwater
- Detention Calculations & Floodplain Modeling
- Storm Sewer & Culvert Design
- Floodplain Management & Map Revisions
- Location Drainage Studies
- NPDES/MS4 Compliance

Land Surveying
- Plats of Dedication, Easement, Annexation
- ALTA/NSPS Land Title Surveys
- Topographic & Boundary Surveys
- TIF Legal Descriptions & Exhibits
- Elevation Certificates

Construction Management
- Layout & Staking
- Observation of Completion & Quantities
- Oversee Pressure Test, Chlorination, Proof Roll
- Contractor Payout Review
- Record Drawing Preparations

Environmental
- Site Assessments (ESA, PESA, Brownfield)
- Preliminary Site Investigations (PSI)
- Underground Storage Tank Management/LUST
- Clean Construction or Demolition Debris (CCDD)
- Spill Prevention Control & Countermeasure Plans

Municipal Engineering
- Capital Improvement Plans
- Infrastructure Master Planning
- Financing & Grant Assistance
- Stakeholder Communication & Public Outreach

Development Reviews
- Ordinance Compliance
- Adherence with Master Plans
- Permit Coordination & Assistance
- Letter of Credit Determinations/Administration
- Construction Observation

Planning and Zoning
- Application & Site Plan Reviews
- Municipal Code Interpretation & Updates
- Evaluate Land Use Regulations
- Development Handbook/Guidelines
- Zoning, Land Use, & US Census Maps

GIS / Mapping
- Asset Management
- Parcel Management
- Web Based Mapping
- Planning & Economic Development
- Safety & Law Enforcement

Registrations & Certifications

We stay ahead of the growing needs of our municipal clients. Our reputation and services enable us to provide quality engineering and related services. We can connect you with our staff of over 120 qualified professionals to meet your needs.

45 Professional Engineers (PE)

18 Certified Floodplain Managers (CFM)

5 Certified Professionals in Erosion & Sediment Control (CPESC)

2 Leadership in Energy & Environmental Design Accredited Professionals (LEED AP)

4 Professional Land Surveyors (PLS)

2 Professional Traffic Operations Engineers (PTOE)

1 Registered Professional Geologist (PG)

1 Certified Planner (AICP)

13 Professional Engineering Interns (PEI)

17 Resident Engineering Technicians

17 IDOT Documentation Certified Personnel

6 INDOT Certified Highway Inspectors

3 INDOT Certified Site Managers

2 INDOT Certified Utility Coordinators

4 Certified Public Infrastructure Inspectors

1 NASSCO Certified CIPP Inspector

3 Certified Erosion, Sediment & Stormwater Inspectors (CESSWI)

2 Certified Survey Technicians

2 Public Water Supply Operators

5 Wastewater Treatment Works Operators

2 Wastewater Collection System Operators

1 NACE Coating Inspectors

1 SSPC Protective Coatings Specialist

1 Certified Hazardous Materials Manager

1 UST Decommissioner Certification

1 US Army Corps of Engineers Construction Quality Management for Contractors

4 NASSCO Inflow & Infiltration Mitigation, PACP/MACP/LACP

1 Licensed Asbestos Building Inspector

3 OSHA 40-Hour HAZWOPER Materials Training 29 CRF 1910.120 & OSHA 8-Hour Hazardous Materials Annual Refresher Training





175th Street & Ridgeland Avenue Roadway Reconstruction

Village of Tinley Park, IL

Construction Cost: $19,500,000

Completed: Ongoing

Client: Colby Zemaitis, PE, CFM
Assistant Public Works Director
(708) 444-5516
czemaitis@tinleypark.org

- Reconstruction of 1.3 miles of roadway, including construction of a multi-use path along Ridgeland Avenue and Bike Lanes along 175th Street; Provided Project Development Report (Environmental) and Phase II Construction Document
- Maintenance of Traffic Design, Multi-Use Path and On-Street Bike Lane Design, Drainage Design, ADA Ramp Design, Roadway Lighting & ITS, Traffic Signal Design, and Local Agency water distribution/sanitary force main design
- ROW and preparation of plats, and coordination w/ CCDoTH and utilities for required relocations



2025 Roadway Maintenance Program

Village of Frankfort, IL

Construction Cost: $5,100,000
Completed: 2026

Client: Terry Kestel, PW Superintendent
(815) 412-2433
tkestel@frankfortil.org

- Provided design and construction observation services for street resurfacing program
- Between 2" and 4" overlay on 30 locally owned streets, totaling 9.12 miles
- Curb and gutter and sidewalk removal and replacement, as needed
- Bring ADA Ramps in to current compliance



Devon Ave., Park Blvd. & Pierce Rd. Intersection Improvements

Village of Itasca, IL

Construction Cost: $3,060,300
STP-Urban Funding
Completed: 2023

Secured funding: Federal STP - DuPage Mayors & Managers Conference, Invest In Cook, and developer contribution

Client: Mike Subers, PW Director
(630) 773-2455 / msubers@itasca.com

- Robinson performed Phase I, II, III engineering services for intersection improvements
- Re-channelize to include extended length of dual left turn lanes and combination thru/right turn lane; Re-channelize southbound to include extended length of left turn lane with a single, southbound thru/right lane
- Extension of the off-street multi-use path
- Design incorporates upgrades to traffic signals, increased turn lane capacity, and traffic safety



Traffic Signal, Chicago Heights-Glenwod Rd, 187th St. Intersection

Village of Glenwood, IL

Construction Cost: $3,100,000
Completed: 2025

Client: Toleda Hart, Village President
(708) 753-2400
thart@villageofglenwood.com

- 0.60 miles roadway road reconstruction and traffic signal installation
- Full-depth pavement, hot-mix resurfacing, new medians, curb and gutter, sidewalks, multi-use path, ADA ramp construction, and enclosed drainage system improvements.
- Traffic signal installation, pavement markings, signage, and driveway replacements, funded through IDOT
- Utility relocations, ROW acquisition, funding constraints



Transportation Plan

Village of Lynwood, IL

Project Cost: $150,000
Completed: 2024

Client: Jada Curry, Mayor
(708) 758-6101
jcurry@villageoflynwood.gov

- The Village received a grant from Invest in Cook to create a pedestrian transportation plan to provide an overall plan to address pedestrian bicyclist needs throughout the Village; also reviews accessibility to means of public transportation
- Public Outreach included social media campaigns, community survey, key person interviews, and open house
- Deliverable included a plan outlining goals & objectives regarding pedestrian transportation, along with maps and implementation plan



Elevated Tank

Village of Dixmoor, IL

Construction Cost: $4,642,000
Completed: 2026

Client
Fitzgerald Roberts, Mayor
(708) 389-6121
fitzgerald.roberts@yahoo.com

- Dixmoor's water supply system did not include elevated storage, was not functioning as a closed loop system with an aging pump station and ground storage reservoir. Constructed on Village-owned property.
- Constructed a new 0.75MG elevated spheroidal tank, on Village-owned property, includes water main, site work, SCADA interconnection and associated appurtenances. Included
- Design and construction engineering
- Robinson assisted Dixmoor in receiving $10 million in state funding from the Illinois Environmental Protection Agency



Seeley Avenue to Robey Avenue Water Main Improvements

Village of Dixmoor, IL

Construction Cost: $2,800,000
Completed: 2024

Client: Fitzgerald Roberts, Mayor
(708) 389-6121
fitzgerald.roberts@yahoo.com

- Critical water infrastructure improvement included water main installation on 4 streets, and cutting and capping existing water mains located under I-57, the northern limit of the main.
- Installation was on Seeley Avenue, south of 139th street and the railway. The project extended south under I-57.
- Replaced existing 6" and 8" main with approx. 3,700' of 12" transmission main, connected at 3 points along the existing distribution system, providing increased flow capacity and fire protection capability to the north side of Village



8-Inch Sanitary Sewer Pipe Bursting

Merrillville Conservancy District (MCD), IN

Construction Cost: $600,000
Completed: 2024

Client: Brian Muller
District Coordinator
(219) 472-8001
bmuller@mcdin.com

- Replaced existing rear-yard 8" sanitary sewer at the end of its useful life with multiple collapses
- Designed the sewer removal and replacement
- Utilized the trenchless technology method of pipe bursting
- New manholes/frame & cover; Lawn and asphalt restoration
- Fence removal & restoration; Tree removal
- Reinstate rear-yard sanitary service
- Reduced threat of a sanitary sewer collapse



System-wide Flow Monitoring

Village of Libertyville, IL

Construction Cost: $199,000
Completed: 2023

Client: Jeff Cooper, PE, CPESC
Deputy Director of Public Works
Office: (847) 918-2105
jcooper@libertyville.com

- Conducted detailed analysis of flow data to assess capacity, peaking factors, and infiltration/inflow (I/I) across 12 locations. Found 92 storm inlets cross connected.
- Implemented a systematic I/I reduction program including flow monitoring, smoke testing, CCTV inspection, point repairs, CIPP lining, and manhole rehabilitation, with bid packages prepared for priority sewers.
- Conducted smoke testing and manhole inspections in a busy downtown, including along 2 IDOT Roads



Roadway & Infrastructure Improvements - Phase II

Village of Itasca, IL

Construction Cost: $7,944,000
Completed: 2023

Client: Mike Subers, PW Director
(630) 773-2455
msubers@itasca.com

- Construct new storm sewer main lines (24"-36") in right-of-way
- Water main replacement
- Reconstruct roadways from rural to an urban section (curb and gutter)
- Regrade parkway to provide positive drainage towards roadways
- Utility & public outreach coordination



Kimberly Heights Drainage Improvements - Phase 1 and 2

Village of Tinley Park, IL

Construction Cost: $1,000,000

Completed: 2024
Village funded

Client: Colby Zemaitis, PE, CFM
Assistant Public Works Director
(708) 444-5516
czemaitis@tinleypark.org

- Phased drainage improvements in the Kimberly Heights Subdivision; provided reliable stormwater management system that collects runoff and reduces localized flooding
- Performed a subdivision-wide drainage study and developed preliminary project phasing plan
- Design and construction engineering of storm sewer drainage system for a local residential area, replacing existing ditch and culvert system
- Permitted with CCDoTH and FPDCC



Kimberly Heights Drainage Improvements - Phase 5 and 6

Village of Tinley Park, IL

Construction Cost: $1,000,000

Completed: 2025
Village funded

Client: Colby Zemaitis, PE, CFM
Assistant Public Works Director
(708) 444-5516
czemaitis@tinleypark.org

- Provided reliable stormwater management system that collects runoff and reduces flooding in ditches; Performed drainage study and developed preliminary project plan
- Design and construction engineering of storm sewer drainage system, included installation of RCP storm sewer pipe, catch basins, inlets, new outfall; restoration: ditch grading, road patching, driveway repairs, sodding; alleviated drinage issues around elementary school
- Permitted with FPDCC



Thorn Creek Flood Mitigation Project

Village of South Holland, IL

Construction Cost: $8,325,000
Completed: In Progress

Client: J.Wynsma, Village Manager
(708) 210-2900
jwynsma@southholland.org

- The Village has partnered with MWRDGC to construct flood mitigation improvements along Thorn Ditch, including Flood Study in 2019; Provided Phase II & III Engineering Services
- Replace 4 culverts tributary to Little Calumet River; Construct new storm sewer main lines (24"-36") in right-of-way
- Funding partnership with Cook County (ARPA) and MWRD;
- Regrade parkway for positive drainage toward roadways
- Utility & public outreach coordination; utility design for required Nicor Gas Main relocation
- Stormwater management areas at Maicach and Pioneer parks to provide added flood storage; Helical Pier install for box culverts stabilization



Winchester Avenue Green Infrastructure

Village of Calumet Park, IL

Construction Cost
$3,432,000

Completed: 2023

Client: Ronald Denson, Mayor
(708) 389-0850
MayorDenson@calumetparkvillage.org

- Designed stormwater infrastructure to alleviate various flooding
- Designed and oversaw construction for new storm sewers, curb and gutter, permeable asphalt and permeable brick pavers. Project included new sanitary manholes
- Funding: Metropolitan Water Reclamation District (MWRD), Village of Calumet Park, and Cook County



Stormwater Detention Improvements - North Main

Village of Lombard, IL

Construction Cost
$1,932,000

Completed: 2024

Client: Carl Goldsmith
Public Works Director
(630) 620-5740
goldsmithc@villageoflombard.orgorg

- Drainage improvements include new detention pond and associated storm sewer, removal of existing pavement
- Drainage improvements include new detention pond and associated storm sewer
- New site improvements include a new parking lot with curb and gutter, and a new pickle ball court
- Work will include excavation, asphalt pavement, catch basins, storm manholes and inlet structures, storm sewer pipe, curb and gutter, and all necessary restoration

2b. Relevant Experience

Representative Projects

Transportation

Year	Municipality	FAU Project	Construction	Engr.	Reference	Phone	Email	Type	Total
2025	Glenwood	187th & Ch Hts.-Glenwood Road Reconstruction	$3,095,000	E1, E2, E3	Toleda Hart	708.753.2309	thart@villageofglenwood.com	Fed Aid	$3,095,000
2025	Itasca	Devon/Park/Pierce Intersection Improvements	$2,825,000	E1, E2, E3	Mike Subers	630.773.2455	Mike Subers msubers@itasca.com	Fed Aid	$2,825,000
In Progress	Alsip	131st Street - Pulaski Road to Kedzie Avenue	$9,100,000	E1, E2	John D. Ryan	708.385.6902	jryan@villageofalsip.org	Fed Aid	$9,100,000
In Progress	Will County DOT	143rd Street Reconstruction	$60,000,000	E2	Eric K. Wesel	815.727.8476	ewesel@willcountyillinois.com	Fed Aid	$60,000,000
In Progress	Hazel Crest	171st Street - Dixie to Wood Resurfacing (LAFO)	$256,000	E1, E2, E3	Dante Sawyer	708.335.9600	dsawyer@villageofhazelcrest.com	Fed Aid Rsf	$256,000
In Progress	Romeoville	135th Street - Weber to IL 53 Resurfacing (LAFO)	$2,696,500	E2, E2	Dawn Caldwell	815.886.7200	dcaldwell@romeoville.org	Fed Aid Rsf	$2,696,500

Motor Fuel Tax (MFT) Maintenance

Year	Municipality	MFT Project	Construction	Reference	Phone	Email
2025	Midlothian	2025 Motor Fuel Tax (MFT) Street Resurfacing	$765,000	Tye Swanson	708.389.9658	tswanson@villageofmidlothian.org
2025	Lansing	2025 Motor Fuel Tax (MFT) Street Resurfacing	$1,700,000	Dan Podgorski	708.895.7200	dpodgorski@villageoflansing.org
2025	Alsip	2025 Motor Fuel Tax (MFT) Street Resurfacing	$1,100,000	John D. Ryan	708.385.6902	jryan@villageofalsip.org
In Progress	Hickory Hills	2026 Motor Fuel Tax (MFT) Street Resurfacing	$670,000	Susan Lehr	708.598.7855	SLehr@hickoryhillsil.org
In Progress	South Holland	2026 Motor Fuel Tax (MFT) Street Resurfacing	$1,850,000	J. Wynsma	708.210.2900	jwynsma@southholland.org

Water Main

Year	Municipality	Water Main Project	Construction	Reference	Phone	Email
2024	Romeoville	135th Street Water Main Replacement	$830,000	Chris Drey	815.886.1870	cdrey@Romeoville.org
2025	Lansing	Chicago Avenue Water Main Replacement	$1,100,000	Dan Podgorski	708.895.7200	dpodgorski@villageoflansing.org
2025	Itasca	Ardmore Avenue & Baker Drive Water Main Replacement	$2,450,000	Mike Subers	630.773.2455	msubers@itasca.com
In Progress	Frankfort	Hawthorne Drive & Heather Lane Water Main Improvements	$900,000	Zach Brown	815.469.2177	zbrown@frankfortil.org
In Progress	Harwood Heights	Forest Avenue Water Main Replacement	$5,700,000	Ron Maslo	708.867.7206	maslor@harwoodheights.org

Inflow/Infiltration

Year	Municipality	I&I Project	Reference	Phone	Email
2026	South Holland	Sanitary Sewer Smoke Testing	Mike Cramer	708-339-2323	Mike Cramer mcramer@southholland.org
2025	Romeoville	2025 Storm Sewer CIPP	Chris Drey	815-886-1870	Chris Drey cdrey@Romeoville.org
2025	Western Springs	Cured-In-Place Pipelining Design & Construction	Matt Supert	708.246.1800	Matthew Supert msupert@wsprings.com
2025	Libertyville	2025 Dyed Water Flooding	Jeff Cooper	847-918-2105	Jeff Cooper jcooper@libertyville.com
2025	Itasca	2025 Sanitary Manhole Rehabilitation	Mike Subers	630-773-2455	Mike Subers msubers@itasca.com

Storm Water

Year	Municipality	Water Main Project	Construction	Reference	Phone	Email
2024	Lansing	North Creek Drainage Study & Culvert Replacement	$1,850,000	Dan Podgorski	708.895.7200	dpodgorski@villageoflansing.org
2024	Glenwood	George Arquilla Park Levee - Flood Protection Project	$5,000,000	JR Patton	708.753.2311	jpatton@villageofglenwood.com
In Progress	East Hazel Crest	Lathrop Avenue Storm Sewer Improvements - DCEO	$1,300,000	Patricia Lazuka	708.798.0213	admin@easthazelcrest.com
In Progress	Wood Dale	Wood Dale Ward 1 Storm Water Improvements	$3,200,000	Alan Lange	630.350.3530	alange@wooddale.com
In Progress	Tinley Park	Kimberly Heights Drainage Improvements	$2,700,000	John Urbanski	708.444.5500	jurbanski@tinleypark.org

Itasca Public Works Department
411 N Prospect Ave
Itasca, IL 60143
630/773-2455 – fax 630/773-9856
www.itasca.com

June 17, 2026

Ms. Diana Puga
Village of Western Springs
740 Hillgrove Avenue
Western Springs, IL 60558

Attn: Diana Puga, Municipal Services Coordinator

Re: Robinson Engineering, Ltd. (Robinson)

Dear Ms. Puga,

We understand how critical it is to secure engineering services from a reputable, highly competent, and reliable firm; we would classify Robinson this way.

Robinson Engineering has been our Village engineer since 2013. Our experience working with them solidifies that as being the best decision for our community. We see, every day, that they work diligently on our behalf and with our best interests in mind, are extremely knowledgeable, have extensive municipal experience, have been vital to the Village's infrastructure maintenance and planning efforts, essential partners in securing funding for various projects, and have become an integral part of our municipal infrastructure initiatives. In addition to attending board meetings, we appreciate the way that they continually inform and interact with all stakeholders throughout every project through design, bidding, and construction observation and meet the Village's expectations and deadlines. Robinson always has the best interest of the Village in mind with their designs and their approaches and solutions to projects and issues within the community.

Robinson has also been an integral partner in the development and implementation of our Capital Improvement Projects and programs and assists us in the development of our CIP.

A few key initiatives include:

- Preparation of Village-wide drainage studies
- Roadway and Infrastructure Improvements to urbanize the North side of the community
- Securing funding and implementation of lead water service line replacements
- Securing Surface Transportation Program (STP), IEPA low-interest loan, and DCEO funding opportunities

Robinson also provides a full range of professional municipal services for the Village, including: Planning, Road Programs, Infrastructure Maintenance, Transportation, Water, Wastewater and Stormwater engineering, Wastewater Pretreatment Program, Engineering Studies, Sidewalks & ADA compliance, Surveying Services, Municipal Engineering (Daily Consultation), Development, Site Plan and Single-Family Home Reviews, and Funding Opportunities and Grants.

We are extremely pleased with Robinson Engineering's level of consistent professional service and have absolutely no hesitation in recommending them.

Sincerely,

Michael Subers, Director of Public Works
(630) 773-2455 /msubers@itasca.com

Village of Romeoville
Where Community Matters

MAYOR
John Noak

CLERK
Dr. Bernice E. Holloway

TRUSTEES
Linda S. Palmiter
Jose (Joe) Chavez
Brian A. Clancy Sr.
Dave Richards
Ken Griffin
Lourdes Aguirre

PUBLIC WORKS DEPARTMENT

June 17, 2026

Ms. Diana Puga
Village of Western Springs
740 Hillgrove Avenue
Western Springs, IL 60558

Re: Robinson Engineering, Ltd.

Dear Ms. Diana Puga:

The Village of Romeoville appointed Robinson Engineering as its Municipal Engineer in 1970 and the firm has remained a vital partner to the Village ever since. Through a professional working relationship built over more than five decades, Robinson Engineering has become an extension of our own staff, working closely with us day to day from our Public Works facility.

We have placed our trust in Robinson Engineering knowing that the firm consistently looks out for the Village's best interests. Their work has included planning, designing, and managing infrastructure projects on time and within budget; reviewing proposed residential, industrial and commercial developments; securing grant and IEPA low-interest loan funding opportunities; and helping to ensure that Village infrastructure – including transportation, water, wastewater, stormwater, and ADA pedestrian access routes - meets or exceeds applicable compliance requirements.

We have relied on Robinson Engineering's municipal expertise in every facet of the Village's growth over the last 50 years and can confidently say that the Robinson Engineering and this long-standing relationship has been a vital part of the Village's success.

We credit Robinson Engineering for the excellent position the Village is in today and recommend the firm to provide municipal engineering services to the Village of Western Springs without hesitation.

Sincerely,

Chris Drey, Director of Public Works
(815) 886-1870
cdrey@Romeoville.org

615 Anderson Dr. | Romeoville, IL 60446 | tel: 815.886.1870 | fax: 815.886.3596 | www.romeoville.org

VILLAGE OF
FRANKFORT
EST • 1855

June 17, 2026

Ms. Diana Puga
Village of Western Springs
740 Hillgrove Avenue
Western Springs, IL 60558

RE: Reference Letter on behalf of Robinson Engineering, Ltd.

Dear Ms. Puga,

We are happy to provide this letter on behalf of Robinson Engineering, our appointed Village Engineer since 1996, a trusted, reliable, professional, successful, and dedicated partner to the Village.

In addition to daily consultation, Robinson manages multiple infrastructure projects at any given time, working directly with Village Staff to ensure that these projects are always in the Village's best interest, within our capital improvement vision and goals, are completed in a timely manner, and, of course, best serve our residents.

Most recently, Robinson completed our Award-Winning $3.75M Pfeiffer Road extension project which included extending a 2-lane, urban roadway with a landscaped median and a multi-use path, new sidewalk, street lighting, a water main extension and a modernized traffic signal at the US Route 30/Pfeiffer Road intersection. This project also included wetland mitigation and was partially funded by DCEO funds. Robinson provided all the design, surveying, and construction engineering services for this extremely important improvement for the Village.

The Village has also recently completed the construction phase of a new $5.7M fresh water well with a water treatment plant improvement that Robinson designed and is doing the construction engineering services for.

Over the course of the past four years, Robinson has designed and performed construction engineering services for 38 miles of roadway resurfacing/rehabilitation work totaling $26.4M, 11,000 lineal feet of water main replacements totaling $3.7M, and the construction of 2 new downtown parking lots totaling $1M, as well as many other projects.

Besides handling the majority of the Village's infrastructure improvement projects, Robinson assists with almost all the commercial/industrial plan reviews as well.

We have been extremely pleased with our relationship with Robinson Engineering and consider them to be a valuable resource towards the Village's continued success.

Sincerely,

TK

Terry Kestel
Superintendent of Public Works

c. **Capacity of Firm.** We understand the unique characteristics of each local community we serve, including the importance of their community development initiatives, funding challenges for local infrastructure, and seemingly endless unfunded mandates. We blend our decades of technical infrastructure experience with honed municipal expertise to provide a level of community commitment that is **beyond engineering**. We commit to having the required resources and manpower available for the Village's project and are confident that our proposed team brings the best combination of technical expertise, project management value and professionalism required to successfully fulfill the Village's objectives. We have developed sophisticated internal project management systems and databases over our 89-year history that enable us to effectively manage workloads, allocate resources, and meet project schedules for all of our client communities.

d. **Unique Characteristics.** Our firm's approach to serving the community involves the assignment of a primary liaison engineer that would be responsible for being the day-to-day contact for the Village's engineering needs. The primary liaison engineer is well-versed in all engineering and related services that we offer to our clients, including transportation, water, sewer, stormwater, and construction engineering. Our client managers and project engineers, as shown in the organizational chart and resumes, bring a breadth of knowledge and dedication in design engineering and construction observation.

e. **Errors & Omissions**. Professional liability coverage is provided through Certain Underwriters at Lloyd's of London under Policy No. ANE1327, with a policy term effective November 3, 2025 through November 3, 2026. The policy provides limits of $5,000,000 per occurrence and $5,000,000 in the aggregate.

f. **Subcontractors.** Robinson is fully capable of providing the municipal engineering services outlined in the Request for Qualifications (RFQ) with existing in-house personnel, enabling us to exert necessary project controls for the overall quality of a project. Our professionals are equipped with the knowledge and experience to support your team. We go beyond the standard civil engineering services to help municipalities accomplish their goals for the future.

g. **Municipal Clients.** Robinson is proud of our continued growth in the municipal engineering industry while remaining committed to providing exceptional service to all our client communities. Providing unparalleled municipal expertise for our clients has enabled us to establish and foster longstanding client relationships. Below please find the list of municipal clients that we have represented within the last five years, some of which we have represented for the last five decades.

Alsip	Hickory Hills*	Phoenix
Berwyn	Island Lake	Richton Park
Braidwood*	Itasca	Robbins
Burnham*	Kimberly Heights Sanitary District*	Romeoville
Calumet Park*	Lansing	Sauk Village
Country Club Hills	Lombard	Schiller Park
Crest Hill	Lynwood	South Holland*
Crete	Manhattan	South Lyons Township SD*
Dixmoor	Matteson	South Palos Township SD*
Dolton*	Merrillville	Steger*
Dyer Park Board*	Merrillville Stormwater Utility	St. John*
East Chicago	Merrillville Conservancy District	Thornton*
East Hazel Crest	Merrionette Park*	Tinley Park
Frankfort	Midlothian*	Watseka
Gary	Monee	Waukegan
Gilberts	Norridge	Wonder Lake
Glenwood	North Barrington*	Wood Dale
Hazel Crest*	Peotone	Worth

2i. Robinson will provide additional information regarding our ability to complete any assigned work upon request.

* Appointed Municipal Engineers



Pfeiffer Road Extension, US Route 30 to Colorado Avenue

Village of Frankfort, IL

Construction Cost
$3,750,000
Phase II $200,000
Phase III $200,000

Completed: 2024

Client:
Terry Kestel, PW Superintendent
(815) 412-2433
tkestel@frankfortil.org

Overview

- Extended a 2-lane, urban roadway cross section with a landscaped median
- Extended a multi-use path, new sidewalk, street lighting system and 12" water main
- Modernized traffic signal at US Route 30/Pfeiffer Road intersection

Scope

- Provided design engineering and construction observation services
- Wetland mitigation/purchase of In-Basin wetland bank credits
- Obtained dedication of four acres of property
- Secured DCEO funding, in collaboration with the Village
- State DCEO Grant - $750,000 / Rebuild Illinois funds - $1,170,000
- Village Funded: Wetland Bank ($309,600) / Construction ($1,830,000) / Engineering - $400,000

Results

- Improved traffic flow and connectivity in the Village
- Completed bike trail connection to Old Plank Road Trail
- Enhanced opportunities for economic development



Harmony Square Roadway, Utility & Street Lighting Improvements

Village of Tinley Park, IL

Construction Cost
$4,700,000

Completed
2025

Client
Colby Zemaitis, PE, CFM
Assistant PW Director
(708) 444-5516
czemaitis@tinleypark.org

Overview

- Harmony Square is a new multi-use plaza on 1.6 acres in the heart of Downtown Tinley Park that includes a synthetic turf lawn, a water feature, a 30x50' concert stage, fire pits, a synthetic ice rink in the winter, with curling lanes, a gateway pergola, and many other ammenities.
- The project included reconstruction of 4 blocks with curb & gutter, storm sewer, sidewalk, and street lights, removal and replacement of 2,500 lineal feet of water main, construction of 3,400 lineal feet of sidewalk, various sanitary sewer manhole repairs, and installation of 24 new light poles and fixtures.

Scope

- Prepared plans, specifications and bidding documents for all of the off-site roadway and utility improvements servicing the development.
- Prepared plats of survey and provided all construction layout and observation services.
- Coordinated with geotechnical consultant, Geocon Professional Services, to provide all material testing services.

Results

- Enhanced downtown area and recreational attractions
- Increased opportunities for commercial development



a. Knowledge and experience with municipal roadway, sewer, water, and other capital and infrastructure projects, emphasizing top two (2) disciplines.

For 89 years, Robinson Engineering has provided solutions for transportation, water, wastewater, storm water, and construction management. Our services go beyond traditional engineering and include public works operations, corrosion inspections/coatings management, infiltration/inflow investigations, planning and zoning, and GIS consulting.

We understand the unique characteristics of each local community we serve, including the importance of their community development initiatives, funding challenges for local infrastructure, and seemingly endless unfunded mandates. We blend our decades of technical infrastructure experience with honed municipal expertise to provide a level of community commitment that is ***beyond engineering***.

Robinson places client satisfaction as its paramount goal with every project we undertake. We know through our experience that this is achieved by providing high-quality professional services at agreed-to schedules and within project budgets. A key component of our cost control approach is our dedication to Quality Assurance/Quality Control (QA/QC). We utilize our in-house QA/QC policy during all of our design projects. Our internal policy requires our staff to conduct QA/QC reviews at various points as the project progresses (as opposed to just near the end). Our experience has shown that rigorous reviews at the front end of projects significantly minimize the need for costly change orders or schedule delays during construction. Yes, we design and build infrastructure, but what we really do is help communities grow and thrive.



Simply put, municipal engineering is what we do. We understand the types of challenges confronted by municipalities in balancing public infrastructure needs during the challenging economic times we face together. As appointed professionals in many communities that we represent, we consider it our duty to provide practical, cost-effective solutions to everyday problems, with a can-do dedication to service, viewing no problem too small or too large for us to resolve.

We recognize the importance of prompt engineering service and effective communication necessary to help communities achieve their 'bigger picture' objectives pertaining to the preservation of environmental areas, economic development, public health/safety/welfare, and constituent service.

Robinson is fully capable of providing the transportation/roadway, sewer, water, and stormwater engineering services outlined in the Request for Qualifications (RFQ) with existing in-house personnel. We have included various resumes showing the vast experience and availability in a wide breadth of projects. Additionally, we have included representative projects demonstrating our firm's municipal experience over the last three years, noting that a far more voluminous description of our firm experience could be provided upon request. Our experience below focuses on Transportation/Roadway Engineering and Sanitary Sewer Evaluation Engineering disciplines.

Transportation/Roadway Engineering Services



Our Transportation Team is experienced in all facets of local roadway projects, including rehabilitation, resurfacing and/or reconstruction of Village roads, curb repairs and replacements, sidewalk repairs/replacements, pavement crack sealing and pavement markings. We manage MFT maintenance programs in dozens of communities annually, with an aggregate construction value exceeding $25 million, and have helped numerous towns cost-effectively manage their roadway assets over long periods of time through implementation of Pavement Management Systems designed to maximize precious taxpayer dollars while optimizing community-wide roadway pavement conditions. Our team seeks stakeholder input at the beginning stages of planning and design to prioritize areas of need, identify sensitive access issues, minimize disruption to residents and business owners, and effectively manage stakeholder concerns during construction. Robinson has assisted in coordinating a variety of communication platforms during roadway construction projects to keep all stakeholders informed and work with communities to identify which method works best for their community.



Over the past decade, Robinson has designed and overseen the construction of over 160 federally funded transportation projects totaling over $340 million in construction. Our team completes a variety of projects and tasks to serve our client communities including transportation plans, bike trail master plans, roadway design, bike trails, and funding. We are available to assist the Village in seeking construction funding during the preliminary and design process of each project. Robinson has had significant success in seeking and receiving federal funding for transportation projects, including multi-use trails, and maintains strong working relationships with the West Central Municipal Conference, Central Conference of Mayors, and the Chicago Metropolitan Agency for Planning (CMAP). In addition to the "standard" Federal Surface Transportation Program (STP) dollars (Local and Regional/Shared funds), we envision that projects could benefit from funding through the Congestion Mitigation and Air Quality (CMAQ) program, the Transportation Enhancement Program (ITEP), the Transportation Alternatives Program (TAP), and/or the Highway Safety Improvement Program (HSIP).

For all transportation and roadway projects, Robinson is well versed in IDOT, AASHTO, IESNA, Americans with Disabilities Act (ADA) and Public Right of Way Accessibility Guidelines (PROWAG) requirements. Specific services provided under the umbrella of traffic and roadway engineering are outlined below.

Our traffic engineering staff prepares intersection design studies, multi-stage maintenance of traffic plans, and detour plans to maintain traffic patterns and access during construction. We also assist in right-of-way acquisition and prepare right-of-way and easement documents to assist property negotiation, including preparation of specialty reports documenting anticipated costs for potential "damages to the remainder" of lands to be purchased. Our team of experts also regularly reviews traffic study reports. They will be able to provide opinions and recommendations that are backed by years of experience and a broad spectrum of project knowledge.

Roadway Phase I Engineering Services

Robinson offers a few strategic considerations that will aid our clients in moving effectively, expeditiously, and in a cost-effective manner toward the successful completion of the Phase I Engineering Study for any transportation project. Phase I Engineering consists of the preliminary engineering and environmental studies that will develop and refine feasible alternatives for the improvements, evaluate costs, analyze project impacts and undertake coordination with jurisdictional agencies and the public and other stakeholders. The timeline for preparing Phase I studies for transportation projects depends on project scope and complexity.



All Phase I engineering projects follow the NEPA Process, assuring that there is no significant impact as defined by the National Environmental Protection Act of 1970. All Phase I studies investigate potential environmental impacts through the use of IDOT's Environmental Survey Request Form process. With the implementation of regulations by the Illinois Environmental Protection Agency (IEPA) in 2010 regarding Clean Construction and Demolition Debris (CCDD), there are additional evaluations that need to be addressed during the Phase I process. As part of the Phase I Study, a Preliminary Environmental Site Assessment (PESA) is prepared by Robinson's staff to document any potential environmental concerns.

Projects funded with federal dollars must not only guarantee that federal design standards are met, but also show that no significant environmental impacts would result as part of the construction of the proposed improvements. Sufficient public input must be obtained during the project study and design phases. Achieving a balance between vehicular and bicycle/pedestrian transportation needs along a roadway corridor, and the associated effects of an improvement on property owners (residential and business) and other stakeholders, is one of many keys to the successful completion of each project. A key component to our Phase I approach is to facilitate early involvement of multiple stakeholders, where potential project concerns can be identified and resolved during the initial tasks of the Phase I Study, rather than incorporated in subsequent design revisions. By virtue of our extensive involvement with managing hundreds of transportation projects, Robinson is well versed in the significance of coordinating and documenting communication with multiple stakeholders. Other steps that are completed in Phase 1 include early coordination and data collection, field survey and preparation of base maps, geometric studies, draft project development report, and IDOT coordination and public involvement with all appropriate agencies and stakeholders and finally, a Final Project Development Report.

Roadway Phase II Engineering Services



The Phase II Engineering Services consist of the preparation of the contract plans, estimate of probable cost of construction, specifications and other supporting documentation in sufficient detail to secure competitive bids and accomplish the construction of the infrastructure improvements. The contract plans and supporting documents are completed in accordance with the guidelines of our clients, as well as appropriate policies and procedures developed by IDOT for federal-aid projects and their *Local Roads and Streets Manual*. It is standard that special provisions and other supporting documents will be prepared to supplement IDOT's *Standard Specifications for Road and Bridge Construction.* A detailed construction schedule is also prepared and serves as a basis for the completion schedule of the construction phase. Other steps that are completed in Phase II include a topographic/supplemental survey and geotechnical report.

The field survey work will also document the limits of the apparent wetlands identified in the PDR, if applicable. Our design tasks would also include assisting the Village in securing wetland bank areas as may have been required as part IDOT's approval of the PDR.

Phase III Engineering Services (Resident or Construction Engineering Services – Roadway & Utilities)

Robinson possesses extensive technical construction observation experience implementing a multitude of various funding mechanisms. Our construction staking crew chiefs have each been employed by Robinson for over 20 years, assuring our client communities with experienced interpretation of construction plans and effective conflict resolution. Most of our resident engineers (REs) and technicians possess 20+ years of construction experience and/or related college degrees. Our crews are well-versed in IEPA construction standards, IDOT Standard Specifications for Road & Bridge Construction, IEPA specifications for Water & Sewer Construction in Illinois, and with local design standards in the communities they serve.

Our resident engineers and staking crews are assertive in assuring that contractors perform quality work and maintain project budgets. Constructing local improvements within existing residential neighborhoods and developed commercial areas, demands recognition of the unique service and access requirements of each stakeholder, the need for proactive communications with these stakeholders, and advance coordination with private utility companies. Our construction staff is well-versed with the formal documentation requirements of numerous funding agencies, implementing dozens of projects funded each year. Our crews are equipped and trained to use state-of-the-art Total Station survey equipment and GPS receivers. Each crew and all inspectors utilize smartphones and/or laptop computers that provide for seamless project communications.



Through decades of experience, our field crews have optimized efficiencies in performing construction layout activities and are effective in managing their activities to be present at the key points in the project, coordinate material testing, and organize their documentation to get projects closed in a timely fashion. They are also adept at recognizing faulty contractor procedures that may lead to poor quality pavement, drainage problems and/or related construction quality issues, and strive to take a proactive role in correcting such deficiencies as early as possible in order to prevent costly rework. Our resident engineers are very capable communicators with not only the construction personnel doing the work but with community officials and the public at large. We handle additional typical aspects of this work also, including preparation of inspection reports, responding to requests for information and review of contractor submittals, shop drawings, change order and pay requests.

Some communities perform inspection services with in-house personnel and rely on us only for construction staking, while others enlist Robinson to oversee the entire project in the field. Some communities demand full-time construction observation, others only periodic inspections. We're capable and comfortable working in whichever capacity is desired by our client communities.

Sanitary Sewer Evaluation



Our approach to the sanitary sewer system evaluation program services draws upon our extensive sewer system evaluation survey (SSES) experience. We are well prepared to assist Western Springs in successfully achieving its infiltration and inflow (I/I) reduction goals. **Our approach will maintain an overriding sense of purpose to provide the highest level of service to meet the Village's objectives.** By virtue of our long-standing appointment to dozens of communities, Robinson Engineering, Ltd. (Robinson) is well-versed in all stages of SSES and sewer rehabilitation programs, having completed more than 1,250 related projects since the 1980s. Our vast experience will enable Robinson to provide Western Springs with the necessary project management expertise for this important program.

Our program approach begins like many Robinson projects do by meeting with staff, learning what their specific goals for the sewer system evaluation program are, confirming those goals and the timeframes for accomplishing them and putting them at the forefront of our program planning strategy. Our goal is to immediately become an extension of Village staff and their trusted sewer system experts, ready to begin work and consulting on this very important program. One of the cornerstones of Robinson's overall work plan will include effective communications throughout the entire program duration, which will be a priority to establish during the initial program kick-off meeting. We also envision conducting the following other detailed activities:

Program Initialization. Robinson will schedule a kick-off meeting and/or meetings with the Village to review available sewer system data, discuss project scope, establish lines of communication, and to set the program schedule. Throughout the program, Robinson will communicate any program needs as well as provide status updates to the Village.

This kick-off meeting will enable us to better familiarize ourselves with important features throughout the Village, review sanitary sewer maps, GIS data and other available information to enable our staff to quickly learn about the Village's sewer system, priority needs, and any "hot spot" areas prone to surcharging, overflows, basement backups, or other problems.

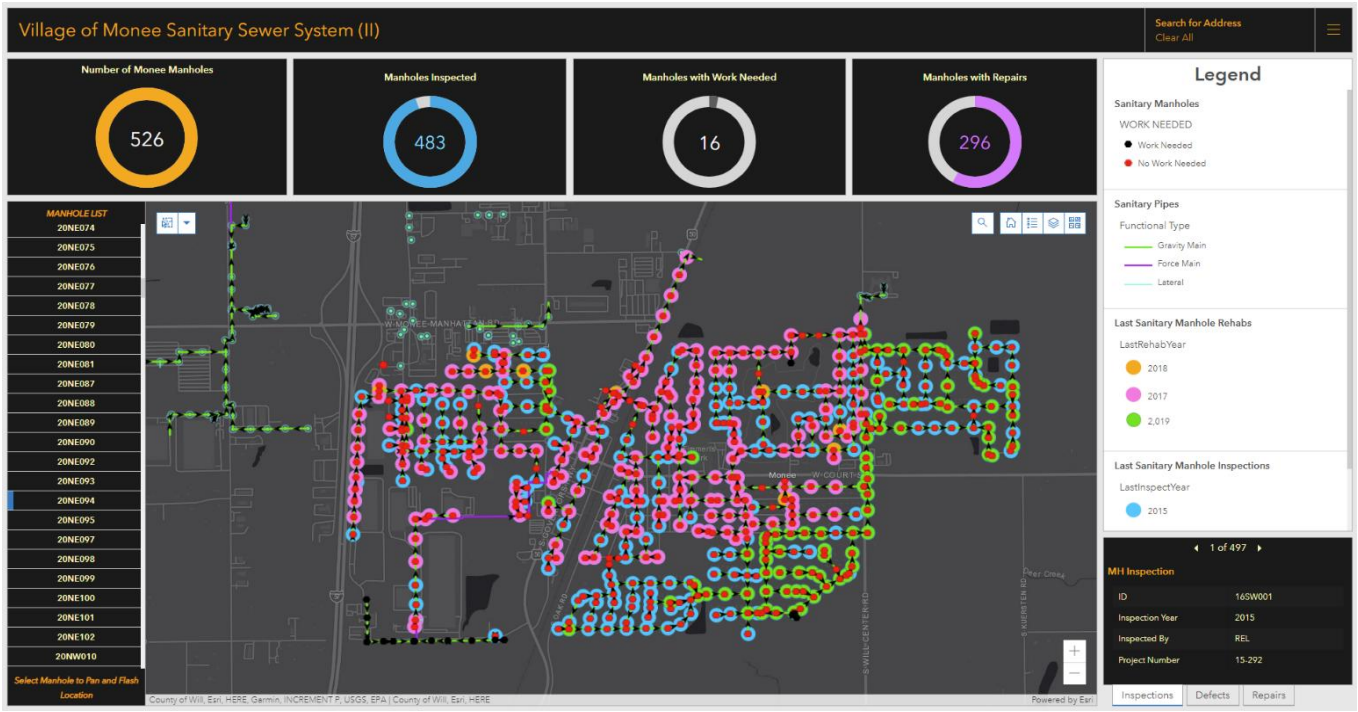


SSES Field Investigations. Robinson owns, maintains, and uses smoke testing and dyed water flooding equipment to perform investigations to detect and quantify I/I sources. We also perform manhole inspections, house to house inspections, and conduct GPS locates for purposes of linking spatial field data to GIS-based asset management programs. Experienced in-house crews from Robinson can perform manhole inspections, smoke testing, dyed water flooding and building inspections, as desired by Western Springs. We also take digital photographs to document sewer flow and surface conditions throughout the project duration.

Digital Data Collection & Real-Time Viewing Platform. Field data is collected using Environmental Research Institute's (ESRI's) proprietary "Field Maps" application on iPads. This data is immediately available through online GIS dashboards and/or weblinks created by Robinson in ArcGIS Online. This enables our clients to track daily progress, view photos and GPS located defects as well as provides the ability to query for count, location, and other specific attributes about the deficiencies and data being collected. The Village will be

given login usernames and passwords to access GIS dashboards for easy viewing of collected data; and more advanced users can be given permissions to export data for the development of tasks or work orders.

As shown in the example below, Robinson has developed a platform for an easy-to-use display of manhole inspection and rehabilitation data tracking of the completed sewer system work, including item details such as count of total manholes, years manholes were inspected (including the inspection data and the digital inspection photos), as well as which manholes had defects and in which year the rehabilitation work was completed. The software in use for this platform is from ESRI, the industry leader in geographic information systems, and is intuitive even for beginning users. All this work is performed in-house by Robinson personnel.



Manhole Inspections. Manhole inspection data, including inspection date, GPS location, street address & ground surface conditions, manhole depth, incoming & outgoing pipe locations and diameters, construction type (precast, brick, block, etc.), frame/lid type, and manhole conditions will be recorded for each structure inspected. Typically, manhole defects consist of frames and lids subject to inflow, leaking manhole frame adjustments, walls or bench/inverts, or defective manhole steps that can allow infiltration and/or pose potential safety risks. All manhole data and recommended repairs will be collected digitally and uploaded immediately into the web dashboard that can be easily accessed online and/or transferred to the Village's Geographic Information System or other database.

Smoke Testing. Smoke testing as needed by the Village would be similarly conducted by experienced in-house staff consisting of a 3 to 4-person smoke testing crew using dual "Hurco Ripcord" smoke blowers for each setup. These blowers output nearly 4,000 cubic feet per minute of airflow each, allowing for maximum identification of sewer deficiencies. Only "Hurco" non-toxic liquid smoke will be used for testing and the placement of blowers at the optimal distance of approximately 400-500' apart for each setup. Where needed, Robinson crews sandbag incoming lines to restrict airflow/smoke to the segment being tested.

This work is typically best performed during the summer months during low groundwater conditions to allow for the best opportunity for smoke to visibly emanate through soils surrounding leaking sanitary sewer pipes, service laterals and manholes. Most often, smoke testing is useful in identifying private sector deficiencies such as downspouts, cleanouts, window wells and footing drains connected to the sanitary sewer system. As such, it is important to properly notify property owners, as well as local fire and police departments, of this activity in advance. Smoke testing results are also collected digitally and uploaded immediately to the web dashboard that can be

accessed online or provided as a deliverable to the Village's Geographic Information System or other database. Village staff can see daily progress as it unfolds, viewing photos and location details as the data is being collected. For each defect, a digital photograph, drainage area and GPS locates will be provided.

Dyed Water Flooding. Dyed water flooding is a follow-up investigation to large smoke testing inflow sources identified such as cross connected storm inlets, catch basins, storm ditches and culverts. This method is used to pinpoint and quantify the defect and to provide recommendations for repairs. Robinson conducts dyed water flooding in conjunction with a CCTV inspection either performed by Village televising crews or a sub-contracted sewer televising contractor. Each inflow source is documented on video, assigned a flow value, and provided with a specific repair recommendation. Additionally, dyed water flooding includes taking pre-flood and peak-flood flow measurements to allow for quantification of the variable volumes of inflow being contributed at each setup which can then be used for prioritizing defects for repair.

Capacity to Complete Project in Timely Manner. Robinson possesses the expertise and dedication to provide the required staffing resources for the Village's needs. We commit to having the resources and manpower available for the Village's project and are confident that our proposed team brings the best combination of technical expertise, project management value and professionalism required to successfully fulfill the Village's objectives. We have developed sophisticated internal project management systems and databases over our 89-year history that enable us to effectively manage workloads, allocate resources, and meet project schedules for all of our client communities.

Project Management and Meetings. In addition to the project planning kick-off meeting, Robinson will assign a project manager for the duration of each project who will attend any additional meetings with the Village, as necessary, to ensure the success of the project and that the Village's needs are being met. Project status updates will also be provided at the intervals selected at the kick-off meeting or as requested by the Village. With 36 years of sewer investigation and rehabilitation experience, Joseph Sullivan will continue as the designated project manager for these services.

Project Schedule. Robinson Engineering is ready to start upon selection as the Village's sewer system evaluation program consultant. A detailed schedule will be provided for approval by the Village, keeping in mind that much of the SSES work is weather dependent with manhole inspections being ideally conducted in wet-weather conditions, thus allowing for active infiltration sources from groundwater to be present. Smoke testing is best conducted in the dry hot summer months. It is also very important that we wrap up the SSES reporting early enough each year for the Village to report on the MWRD annual summary reports and to put the recommended rehabilitation plans into their fiscal year budgets and to be ready for bidding construction projects early enough the next year to leverage the best pricing from Contractors aiming to ramp up their workload backlog for the year. We recognize the importance of timing in all these phases of the program and will ensure that we deliver on each element of the program in a timely manner.

Water Infrastructure Services

Robinson's water department consists of licensed professional engineers, Class A certified water operators, and NACE certified coating inspectors. Our hands-on operations experience in the water industry enhances our design product as we keep operation, maintenance and equipment selection at the forefront of the decision-making process during design. Our staff approaches each project through the lens of designer, owner, and operator to ensure a more wholistic perspective and project approach. By considering all aspects of the project lifecycle, we will assist the Village in making informed choices; we do not just offer our preferences.

Our professionals have decades of experience in water system evaluation, planning, design, permitting, funding, startup services, rate setting, and operations assistance. We utilize our extensive expertise to efficiently take client community projects from concept to construction, from initial objective to full operation. We also realize and acknowledge that a key component to any successful project are the details; our vast experience with similar projects enables us to recognize and address critical details that can sometimes be overlooked.

However, we know that the true project team includes the Village with Robinson. Our experience has confirmed that collaboration between the community staff and our engineers and operators is a fundamental aspect of successful water infrastructure projects. Robinson will bring our lesson-learned background to every project. We also respect the Village's needs and fiscal realities by topping off all endeavors with an extra dose of common sense, a trait that our clients have long respected.

Robinson's water engineers will actively listen to the Village to understand their needs and goals. Then utilize standard engineering solutions, innovation, technology, and our QA/QC process, along with maximizing the Village's involvement in the decision-making process, to generate the best solution that is specifically tailored for Western Springs.

Tried and true engineering solutions are one tool that can be implemented to solve the Village's infrastructure needs. However, innovative solutions are often needed to better align the Village's infrastructure needs with their fiscal realities. A few examples of Robinson's innovative water engineering efforts and solutions include:

- The USEPA ORD and Robinson developed a working relationship to further enhance lead service line inventory predictive modeling in an effort to reduce modeling and inventory development costs for communities.
- Increased the height of an existing water tower to eliminate a community's water system hydraulic issues and allow the water system to operate on a single pressure zone.

Robinson is continually evaluating and implementing technology in order to best serve the needs of our client communities. For years, Robinson has been:

- Utilizing ArcGIS Online and developing dashboards so client communities can access and see project data in real-time
- Utilizing WaterGEMS to run water system demand scenarios so client communities can make informed decisions about water system needs.

Robinson's role as municipal engineers in many fully developed communities have had us involved in annual watermain replacement programs for numerous towns annually the past 25 years. This has also involved the rehabilitation and/or replacement of numerous water pumping stations, storage/treatment facilities and SCADA systems. Several of these projects have also won APWA Project of the Year over the past 20 years. We take pride in being able to perform the design, permitting and construction oversight of these important programs effectively and efficiently year in, year out. Our approach often includes developing alternate bid proposals designed to inject multiple layers of competition into the bid process, helping our clients maximize their maintenance dollars to the fullest extent possible.

Stormwater Engineering Services



Robinson recognizes the importance that drainage has with nearly every municipal and private development project. We use a comprehensive approach and implement practical solutions to projects from minor backyard drainage problems to large-scale watershed flood studies. We use a variety of computer modeling applications for designing and evaluating stormwater management plans, storm sewer systems and corrective drainage measures. We have extensive experience with various design standards and ordinances in the region, having assisted in the development of several municipal ordinances, and regularly sit on local drainage committees. Our design approach to stormwater

consists of making *every reasonable effort to satisfy all stakeholder concerns, while understanding budgetary constraints.* We will strive to approach any stormwater project as a collaborative effort with the Village to ensure that objectives are fully met, while effectively managing resident expectations.

As technology changes and trends shift, Robinson keeps pace and remains on the cutting edge with stormwater components such as water quality design, Best Management Practices and Green Infrastructure. Over the years, our Stormwater Team has worked with our clients to incorporate Best Management Practices into a variety of projects and assist communities in becoming stewards and leaders in green infrastructure. Projects include installation of rain gardens along the right-of-way, conversion of detention ponds to wetland facilities, use of permeable pavers, native plantings for slope stabilization, and installation of bioswales.

b. Knowledge and experience with Motor Fuel Tax (MFT) funded projects

In the last decade, our transportation teams have managed design and construction engineering for over $70 million in Motor Fuel Tax (MFT) projects, plus over $350 million in federally funded transportation projects and pedestrian facilities. Robinson is well versed in the entire MFT process from assisting municipalities with preparing and submitting BLR 14222 (Local Public Agency General Maintenance Estimate of Maintenance Costs), passing BLR 14220 (Resolution for Maintenance Under Illinois Highway Code) through the Village Board, executing BLR 05520 (Maintenance Engineering to be Performed by a Consulting Engineer), obtaining IDOT approval through the Bureau of Local Roads and Streets, and finally obtaining approval of BLR 14222 (Local Public Agency General Maintenance). This process is followed for street resurfacing programs, crack sealing, and general material purchase. Should MFT funds be expended on a roadway improvement project that requires a Section Number to be assigned by IDOT in addition to the General Maintenance Section Number, Robinson is familiar with the IDOT submittal and approval process for these types of projects as well.

c. Knowledge and experience with county, federal and state grant funded projects



Robinson has been actively involved in securing federal transportation funding for over three dozen client communities since 1980, helping to implement nearly $1 billion in local roadway projects over the past 40 years, including $350 million in the last decade. Over the same timeframe, we've also assisted numerous communities secure over $200 million in grants and low interest loans from IEPA for various water and wastewater projects. A decade ago, we helped numerous communities prepare in advance for the federal ARRA stimulus bill by quickly readying dozens of 'shovel-ready' projects for Chicagoland communities. We are consistently working with multiple communities on applications for state capital bill funding from DCEO, and readying additional projects for prompt action should funds become available. We have implemented projects using every conceivable funding program through the federal STP umbrella (CMAQ, ITEP, TAP, BRRP, HSIP, etc.), and State of Illinois (Build Illinois, DCEO, EDP, IEPA, etc.), and in many cases have organized the funding of multi-jurisdictional projects utilizing multiple funding sources to minimize or in some cases eliminate costs borne by the local municipality.



In 2009, while our client communities were in the throes of the Great Recession, we took the proactive approach to hire a full-time grant writer at Robinson to focus not on traditional infrastructure funding opportunities to which were already accustomed, but to pursue dozens of other grants for non-engineering related items that could alleviate unprecedented pressures on local municipal budgets. We helped secure grants for numerous police vests, fire trucks, parks, libraries and museums, computers and a variety of economic development initiatives which did not result in an engineering design project – another example of our dedication to client service BEYOND ENGINEERING.

Our municipal engineers are also very familiar with planning projects in concert with TIF Districts, Opportunity Zones, Special Service Districts and a variety of other funding opportunities. We've also been very successful in assisting client communities collecting developer contributions for future traffic signals, roadway improvements, and other infrastructure elements that are marginally associated with the frontage of an individual development. Similarly, we've also aided municipalities in alleviating the cost of initiating growth-related infrastructure improvements by setting up recapture agreements for municipalities.



Professional Engineering Services

Transportation Engineering
William P. Dolan, PE, CFM PTOE
John D. Hilsen, PE
Troy Golem, PE

QA/QC Engineer
Jennifer S. Prinz, PE, CFM

Principal-in-Charge
Jeffrey C. Pintar, PE, CFM

Primary Point of Contact
Stephen 'Brad' Clark, PE

Assistant Engineer
Mark A. Wesolowski, PE, CFM

Water / Wastewater
Paul R. Ruscko, PE
Greg A. Kamplain, PEI
Jonathan Flowers, PE

Construction Engineering
Field Superintendent
Jason L. Douthett, PE, CESSWI-IT*

Assistant Field Superintendent
Adam Glens*

Resident Engineers
Josh Barelli, PEI*
David P. Barnas, PE, DECI

Sanitary
Joseph M. Sullivan
Maxwell McAvoy, PEI
Mallory Weisbrodt, PEI

Development Reviews
Dana E. West, PE, CFM, CPESC
Susan Quasney, CFM
Emily R. Bergner, PE, CFM

Stormwater
Sean P. Kelly, PE, CFM
Jonathan J. Dykstra, CFM
Jacob C. Wellbank, PE

* IDOT Documentation Certified



Jeffrey C. Pintar, PE, CFM
Director of Municipal Services
Principal-in-Charge
Frankfort Office
PE # 062059466
Ph (708) 218-4921
jpintar@reltd.com

Professional Profile. Jeff began his Robinson career designing and managing various federal, state, and local transportation projects before shifting focus to client managment. As the primary point of contact, he is responsible for working directly with Village staff to ensure projects are completed on scheudle and within budget. Jeff has assisted municipalities with developing and implementing Capital Improvement Plans for sewer and water as well as transportation related projects. As Director of Municipal Services, Jeff focuses on training and development of municipal engineers and involved in the oversight of the Planning and Development, Geographic Information Services (GIS), Infiltration/Inflow, Utility Contract Operations, and Environmental Services departments.

- 24 years of engineering experience
- Prepared grant applications and secured STP Federal and DCEO Downtown & Main Streets funding for $3M pavement rehabilitation and streetscape projects for Ridge Road in Lansing
- Recognized by FRA as technical expert in quiet zone analyses, performing over 25 in conjunction with the Federal Railroad Administration, Illinois Commerce Commission, IDOT, and various counties and railroads

Role. Jeff will serve as Principal-in-Charge, providing executive-level oversight and contract administration, ensuring projects are delivered on-time and within budget.



Stephen 'Brad' Clark PE
Primary Point of Contact
Itasca Office
PE #062055685
(815) 412-2709
brad.clark@reltd.com

Professional Profile. A Senior Project Manager, Brad provides municipal engineering design services and project management for municipal infrastructure projects. He has assisted municipal clients with the review of proposed development projects, prepared annual and 5-Year programs, participated in the formuation of storm water management ordinances, assisted in the completion of comprehensive planning, and applied for and obtained funding for capital improvements.

- 28 years of experience in civil engineering design and municipal client management
- Strong project experience related to the design and construction of roadway improvements, sanitary and storm sewer projects, storm water management, water main distribution systems, and documentation of construction projects
- Has served as designated Client Manager for Norridge and Forest View for more than 20 years.

Role. Brad will serve as Primary Point of Contact to Village staff at every level, ensuring resources, project timelines, engineering consultation, serving as a liaison between the Village and our assigned resources.



Mark A. Wesolowski, PE, CFM
Itasca Office Manager
Stormwater Dept. Manager
PE #062054598
(815) 412-2710
mwesolowski@reltd.com

Professional Profile. Mark is highly proficient in stormwater management, elevating him to be Robonson's Stormwater Department Manager. He has designed and permitted numerous storm water detention systems, large diameter storm sewer projects and has both designed and reviewed site grading plans for developments meeting development standards for client communities. Mark also provides analysis and design of existing and proposed hydrologic and hydraulic models for floodplains and floodways, detention, overland flood routing, and compensatory storage calculations.

- Over 30 years of stormwater engineering experience
- Designs stormwater infrastructure for project ranging from simple culvert replacements to 300 acre subdivisions involving stomwater detention, floodplain, floodway, IDNR Permitting, USACOE permitting, FEMA letters of map revisions and amendments
- Professional Affiliations: American Society of Civil Engineers (ASCE); Illinois Association for Floodplain and Stormwater Management (IAFSM); Illinois Society of Professional Engineers (ISPE); National Society of Professional Engineers (NSPE)

Role. As Robinson's Itasca Office Manager, Mark will assist Brad to ensure resources are allocated to meet project deadlines. Mark will serve as Secondary Point of Contact to Village staff as needed.

Jeffrey C. Pintar, PE, CFM

Director of Municipal Services

Mr. Pintar, with 24 years of experience, is Director of Municipal Services; responsible for technical guidance, workload management and development of Robinson's municipal engineers. He also manages Robinson's Planning and Development, Geographic Information Services (GIS), Infiltration/Inflow, Utility Contract Operations, and Environmental Services departments. Mr. Pintar also serves as a Project Manager responsible for both federally funded and local transportation, sewer and water projects; and as Municipal Engineer for the Village of Lansing, and the Village of Richton Park where he is curretnly the grant administrator for DCEO and Invest in Cook projects.

Municipal Engineering

As a municipal engineer, responsibilities span daily engineering consultation and assistance to major community engineering projects.

- Assisted in public space planning for large and small municpal projects
- Designs and manages roadway reconstruction and resurfacing projects utilizing federal and local funds
- Designs/managed sanitary sewer, storm sewer and watermain improvement projects
- Assesses localized flooding and assisted in flood mitigation projects
- Manages NPDES MS4 program
- Performes plan reviews for compliance with subdivision and stormwater management ordinances
- Assisted and designed downtown pedestrian lighting and streetscape
- Designed and managed multi-use paths and playground installations
- Managed I/I program for municipalities within MWRD jurisdiction
- Presented engineering projects at Committee and Municpal Board meetings
- Written grant applications for STP-L, HSIP, CDBG, DCEO, MWRD Stormwater and Invest in Cook grants
- Managed IEPA low interest loan project
- Managed USACE Section 219 and Section 205 projects

Project Design & Management

Design and manage all facets of civil engineering infrastructure projects.

• Richton Road Extension	Richton Park	$1,000,000	2026
• DCEO Street Resurfacing Program	South Chicago Heights	$250,000	2026
• Lansing Public Works Facility	Lansing	$1,830,000	2025
• Ridge Road LAFO Resurfacing	Lansing	$1,800,000	2024
• Bernice Road LAFO Resurfacing	Lansing	$1,794,000	2024
• MWRD North Creek Culvert Replacement	Lansing	$1,600,000	2023
• Oakwood Estates ARPA Water Main Replace	Lansing	$3,400,000	2022
• Fox Pointe Parking Lot Expansion	Lansing	$650,000	2022
• 192nd Pl/193rd St Water Main & Road Recon.	Lansing	$735,000	2021
• IHDA Grant Residential Home Demolition	Lansing	$500,000	2020
• Wentworth Avenue LAFO Resurfacing	Lansing	$840,000	2020
• I/I Manhole Reahbilitation and Sewer Lining	Lansing	$450,000	2019
• Fox Pointe Amphitheater & Open Air Pavillion	Lansing	$5,500,000	2018
• Riverbank Stabilization and Levee Repairs	Lansing	$800,000	2017

Quiet Zone Analyses (2005-Present)

Has performed over 25 quiet zone analyses in accordance with Federal Railroad Administration guidelines and has designed and managed roadway improvements necessary for Quiet Zone implementation. Has extensive knowledge of the quiet zone process including the Notice of Intent, Diagnostic Review and Notice of Establishment. Quiet zone projects include coordination with multiple federal, state, and local government agencies along with various railroads. Assisted municipalities in establishing seventeen 24-hour quiet zones.

Contact

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Education

Bachelor of Science, Civil Engineering
Valparaiso University, Valparaiso, IN

Professional Registrations

Registered Professional Engineer
Illinois

Professional Certifications

Certified Floodplain Manager (CFM)

Professional Affiliations

ACEC
Committee Member

Illinois Association for Floodplain & Stormwater Management

SSMMA Transportation Advisory Group

Employment History

Robinson Engineering, Ltd.

2002-Present

Stephen 'Brad' Clark, PE

Senior Project Manager

Mr. Clark has 28 years of experience in civil engineering design. Most recently served as Senior Project Manager providing QA/QC review of various design projects. Strong project experience related to the design and construction of roadway improvements, sanitary and storm sewer projects, storm water management, water main distribution systems, and documentation of construction projects. He, previously, served as designated Client Manager for Norridge and Forest View for more than 20 years.

Project Design & Management

Mr. Clark has assisted municipal clients with the review of proposed development projects, prepared annual and 5-Year CIP programs, designed and oversaw construction of annual MFT programs, participated in the formulation of storm water management ordinances, designed sewer and water infrastructure, assisted in the completion of comprehensive planning, and applied for and obtained funding for capital improvement projects.

In 2024, Mr. Clark particpated in QA/QC efforts for the City of Milwaukee in the relay of 14,480 linear feet of 8-inch and 6-inch of water main. The project included collecting the full topographic survey via total station and GPS for site locations through the full corridor (City ROW) and gathering information on existing sanitary, storm, and water utilities. Design included processing survey data in AutoCAD Civil 3D and translating data into profile sheets in MicroStation to comply with the City of Milwaukee standards.

In his time at Robinson, Mr. Clark has designed and managed various projects, inlcuding:

• Arlington, Dalhart Water Main Replacement	Romeoville	$2,500,000	2025-Present
• Orchard Street Water Main Improvements	Itasca	$807,000	2025-Present
• Roadway and Infrastructure Improvements	Itasca	$11,280,000	2025-Present
• Village Hall Building Expansion	Merrionette Pk	$1,935,000	2026
• Orchard Street Streetscape Improvements	Itasca	$1,300,000	2025-Present
• Chappel Avenue Access Road	Lansing	$830,000	2025-Present
• Wastewater Facilities Plan Update	Gilberts	$60,000	2025-Present
• 186th Street Reconstruction	Lansing	$550,000	2025-Present
• Central Park Avenue Improvements	Merrionette Pk	$490,000	2026
• DCEO Grant Applications	Burnham	$1,150,000	2025-Present

Contact

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Email brad.clark@reltd.com

Education

University of Missouri – Rolla,
Bachelor of Science in Civil Engineering
1995

Certifications

Professional Engineer
Illinois No 062-055685
Wisconsin No. 100260-6

Affiliations

American Society of Civil Engineers, Member

Employment History

Robinson Engineering, Ltd.
2025-Present

Bloom Companies, LLC
2023-2025

Hancock Engineering
1996-2023

Mark A. Wesolowski, PE, CFM

Senior Project Manager / Stormwater Department Manager

Mr. Wesolowski is a high-level industry professional with 30 years of experience. Highly proficient, he rose through the ranks, gaining experience in the field and as both project design engineer and project manager, he progressed to the executive level serving as Director of Engineering, Vice President, and then as President of Vantage Point Engineering, while maintaining his engineering workload, along with providing daily engineering consulting, and serving as a mentor. At Robinson, Mark is the Office Manager of the firm's Itasca office, supervising a number of employees. He has worked on countless client projects, with an emphasis on Transportation and Stormwater, working closely with elected officials, residents, industries, and contractors. He is the appointed Municipal Engineer for the Village of Itasca, and has been serving in this role since 2015.

Municipal Design & Management

Provides planning, design and permitting services for municipal infrastructure and site improvements including site drainage and detention, storm sewer systems, roadway resurfacing & reconstruction, water main, sanitary sewer and right-of-way improvements.

• Itasca Street Resurfacing Program	Itasca	±$500,000/yr.	2018-2023
• Rohlwing Road Water Main Lining	Itasca	$134,000	2020
• Catalpa Ave./District Dr. Water Main	Itasca	$1,200,000	2018/2019
• Nature Center Trail Improvements	Itasca	$340,000	2018
• Downtown Area Imp. South Half	Bensenville	$2,583,500	2018
• Railroad Ave. Reconstruction	Bensenville	$1,290,000	2018
• Squaw Creek Improvements	Wood Dale	$690,000	2018
• FY'19 Street Resurfacing Program	Wood Dale	$650,000	2018
• Willow Street Storm Sewer	Itasca	$290,000	2017
• Downtown Area Imp. North Half	Bensenville	$2,200,000	2017
• FY'18 Street Resurfacing Program	Wood Dale	$340,000	2017
• Forest View Ave. Reconstruction	Wood Dale	$1,600,000	2017
• Pierce Road Sidewalk	Itasca	$130,000	2016
• S. York Street LAFO	Elmhurst	$690,000	2016
• Prospect & Potter Storm Sewer	Wood Dale	$363,000	2016
• South Side Drainage – Ph 1	Itasca	$740,000	2015
• Water Main Replacement	Wonder Lake	$505,000	2015

Stormwater Project Design & Management

Has designed and permitted numerous storm water detention systems, storm sewer and site grading plans for developments. Also provides analysis and design of existing and proposed hydrologic and hydraulic models for floodplains and floodways, detention, overland flood routing, and compensatory storage calculations.

• Roadway and Infrastructure Improvements-Phase 2	Itasca	$7,900,000	2023
• Roadway and Infrastructure Improvements-Phase 1	Itasca	$5,200,000	2021
• Ward 2 & 3 Stormwater Imp.(Contract D)	Wood Dale	$5,800,000	2021
• Ward 2 & 3 Stormwater Imp.(Contract C)	Wood Dale	$10,000,000	2020

- Boulder Ridge, Mokena
- Butternut Ridge, Manhattan
- Collette Highlands, Orland Park
- Ginger Creek, Mokena
- Lago Vista, Lockport
- Lakeview Estates, Frankfort
- LaPorte Meadows, Frankfort
- Towne Center, Shorewood

Site Development Project Design & Management

Responsible for design and QA/QC for residential, commercial and roadway projects ranging from 1-acre sites to 300-acre developments. Has served public and private clients, ensuring the highest quality standards in accordance with local and state codes.

- Lago Vista Subdivision, Lockport; Hartz Construction
- Shorewood Towne Center, Shorewood; MCZ Development
- Panduit, Tinley Park; Linden Group
- Ginger Creek, Mokena; Mokena
- Village Hall Addition; Frankfort

Contact

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Education

Bachelor of Science, Civil Engineering
Structural Engineering Concentration
University of Illinois, Urbana-Champaign

Professional Registrations

Professional Engineer
Illinois, Indiana, Texas

Professional Certifications

Certified Floodplain Manager (CFM)

Professional Affiliations

American Society of Civil Engineers (ASCE)

Illinois Association for Floodplain and Stormwater Management (IAFSM)

Illinois Society of Professional Engineers (ISPE)

National Society of Professional Engineers (NSPE)

Employment History

Robinson Engineering, Ltd.
1995-1999; 2014-Present

VantagePoint Engineering, LLC
2010-2014

Burke Engineering Corporation
1999-2010

Jennifer S. Prinz, PE, CFM

Director of Engineering

As the Director of Engineering with 30 years of experience, Ms. Prinz, is responsible for water and sewer utility projects, computer modeling, and agency permitting as required for specific projects. She is also responsible for technical reviews on all design projects. As a municipal engineer, her duties include; site plan and subdivision plan reviews, project management, and pavement management program implementation. She has worked with numerous municipalities over the course of her career and ensures Robinson's QA/QC process is followed.

Municipal Engineering

Has served as the firm's Municipal Engineer for the following communities, which continue to utilize Robinson Engineering, Ltd. today. As the engineering representative, responsibilities span daily engineering consultation and design and management of various engineering projects.

- Village of Palos Park 2006-2012
- Village of Glenwood 2000-2006
- Village of Tinley Park 2001-2019
  - Performed over 200 development plan reviews for compliance
  - Authored revisions to Village Subdivision and Development Regulations
  - Coordinated regular updates to Water and Sewer Atlases in GIS
  - Design, permitting and contract documents for various capital improvement projects including watermain, pump stations, sanitary sewer, lift stations, pavement rehabilitation and parking lots
  - Managed the Pavement Management Program including HIP Recycling, Resurfacing and Cracksealing
  - Submitted grant applications and documentation for ITEP, CMAQ, STP, STU, HSIP and IEPA funding
  - Coordinated floodplain issues including Community Rating System (CRS) and Community Assistance Visits (CAV)

Water and Sewer

With over 20 years of experience in the water and sewer industry, Ms. Prinz has designed, permitted and managed several large water distribution system projects, including the following:

• 7th Avenue Water Main Replacement (CDBG Funded)	Phoenix, IL	$450,000	2023
• Chicago Avenue Water Main Replacement	Lansing, IL	$1,300,000	2023
• 135th Street Water Main Replacement	Romeoville, IL	$1,470,000	2022
• USACE funded Water Main Improvements and Manhole Rehab	Matteson, IL	$1,200,000	2020
• I-394 Water Main Replacement	Sauk Village, IL	$370,000	2020
• USACE funded Water Main Improvements	Hazel Crest, IL	$1,045,000	2020
• Pulaski Rd/120th St Water Main Extension	Alsip, IL	$400,000	2019
• 161st Place Water Main Replacement	South Holland, IL	$715,000	2018
• Annual Utility (Watermain) Replacement	Tinley Park	$750,000	2004 -2017
• Sanitary Lift Station Replacement/Rehab	Tinley Park	$1,235,000	2015
• 1MG Elevated Spheroid Tank	Frankfort	$2,550,000	2014
• Jane Street Lift Station Rehab	Glenwood	$285,000	2013
• Evergreen Dr. & Nebraska St. Watermain Replacement	Frankfort	$980,000	2013

Contact

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Email jprinz@reltd.com

Education

Bachelor of Science, Engineering/Environmental Engineering
University of Illinois

Professional Registrations

Registered Professional Engineer
Illinois, Indiana

Professional Certifications

Certified Floodplain Manager (CFM)

Professional Affiliations

Illinois American Water Works Assoc. (IAWWA)

Illinois Association for Floodplain and Stormwater Management (IAFSM)

South Suburban Water Works Assoc. (SSWWA)

Employment History

Robinson Engineering, Ltd.
2000-Present

William P. Dolan, PE, PTOE

Senior Project Manager / Transportation Department Manager

Mr. Dolan serves as the Transportation Department Manager for Robinson Engineering with 27 years of technical experience working on various federal, state, and local transportation projects. Mr. Dolan's professional engineering duties include preparing and managing Phase I Studies and Phase II Design Plans for federally funded projects approved through the Illinois Department of Transportation (IDOT), MFT and locally funded projects through various municipalities and counties including Cook County Department of Transportation and Highways (CCDOTH) and Will County Department of Transportation (WCDOT).

Municipal Engineering

Serving as the firm's Municipal Engineer for several communities; his responsibilities span daily engineering consultation and assistance in all aspects of municipal engineering projects.

- Alsip 2012-2023
- Merrionette Park 2004-2011
- East Hazel Crest 2005-present

Transportation Design

Design and manage more than $50 million in roadway infrastructure projects. Projects include federal, state, motor fuel tax (MFT) and local funded improvements. Prepares and manages all aspects of Phase II Plans for the federally funded Surface Transportation Program (STP), Congestion Mitigation & Air Quality (CMAQ) Improvement Program, Highway Safety Improvement Program (HSIP), Illinois Transportation Enhancement Program (ITEP), and various other locally funded projects.

• 143rd St./Lemont Rd. to Bell Rd.	WCDOT	$30,000,000	Ongoing
• 131st St. – Pulaski Rd. to Kedzie Ave.	Alsip	$12,000,000	Ongoing
• Joe Orr Rd-Torrence Ave. to Burnham Ave.	CCDOTH	$13,000,000	Ongoing
• Monee - Manhattan / Cleveland Ave.	Monee	$6,000,000	Ongoing
• Midlothian Metra Pedestrian Improvements	Midlothian	$515,000	Ongoing
• Calumet Park Metra Pedestrian Improvements	Calumet Park	$280,000	Ongoing
• 109th & White Oak Roundabout	St. John	$	
• 171st Street – California to Western	Hazel Crest	$400,000	2025
• Center Street – 175th to 171st	East Hazel Crest	$928,000	2024
• 207th Street – Cicero to Crawford	Matteson	$900,000	2024
• Devon/Park/Pierce Intersection	Itasca	$1,997,000	2023
• Ridge Rd. – Torrence Ave. to State Line Rd.	Lansing	$2,145,000	2023
• 135th St. – Weber Rd. to IL Rte 53	Romeoville	$2,886,000	2023
• 80th Ave. / 191st St. Intersection	Tinley Park/WCDOT	$1,400,000	2017
• Halsted at 174th Street	E. Hazel Crest	$2,500,000	2016
• Center St. - 159th to 171st	CCDOTH	$9,000,000	2014
• IL Rte. 53 @ Material Road	Romeoville	$1,800,000	2012
• 175th Street @ Harlem Ave.	Tinley Park	$1,700,000	2011
• Joe Orr Rd.-Stoney Island to Torrence Ave.	CCDOTH	$6,000,000	2010
• 170th St. - South Park Ave. to I-94	CCDOTH	$5,400,000	2010

Transportation Studies & Environmental Reports

Prepare Phase I Studies, Environmental Assessments, Traffic Studies and/or Drainage Reports for state and federally funded projects.

• Oak Park Avenue Resurfacing	Tinley Park	Ongoing
• Arlington Heights Road – Division to Elm	Itasca	Ongoing
• 172nd Street Multiuse Path	East Hazel Crest	2025
• Alsip Safe Routes to School Sidewalk	Alsip	2024
• Center St. – 175th St. to 171st St.	East Hazel Crest	2024
• Devon/Park/Pierce Intersection	Itasca	2022
• 135th Street – Webber Rd. to IL Rte 53	Romeoville	2022

Contact

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Education

Bachelor of Science, Civil Engineering
University of Illinois Champaign-Urbana

Professional Registrations

Registered Professional Engineer
Illinois, Indiana, Wisconsin

Professional Certifications

Professional Traffic Operations Engineer (PTOE)

Employment History

Robinson Engineering, Ltd.

2002-Present

Graef Anhalt Schlomer & Associates

2001-2002

Robert E. Hamilton Consulting Engineers

1999-2001

John D. Hilsen, PE

Senior Project Manager

Mr. Hilsen has over 26 years of professional experience, with an emphasis on Transportation and Municipal Engineering. Mr. Hilsen has served as Project Engineer and Manager for roadway, pedestrian and municipal infrastructure improvement projects throughout the Chicagoland/Northwest Indiana region. He is responsible for the design, review and management of roadway, sewer and water improvement projects, with an emphasis on roadway geometrics, ADA compliance, drainage and utilities for municipal and commercial development projects.

Transportation & Municipal Engineering Design

Design Engineer and Project Manager for local and federal transportation projects on routes under State, county and local jurisdiction. He also serves as the Village Engineer for South Holland, IL. Mr. Hilsen is the Project Manager & Lead Designer for the Village's annual Municipal Roadway, Sewer and Water Infrastructure Improvement Projects.

- 143rd Street Reconstruction, Phase II, WCDOT, Homer Glen, IL 2026
- Whitcomb Corridor Improvement, 91st Ave & Chase St Roundabout, Merrillville, IN 2026
- 131st Street Reconstruction, Phase II, Alsip, IL (Phase I 2018) 2025
- 2025 MFT Street Resurfacing Program, South Holland, IL 2025
- 173rd Street Resurfacing Project, South Holland, IL 2025
- DWC Water Link Extension – MOT and Roadway Design 2025
- Taft Street Resurfacing Project, South Holland, IL 2024
- 2024 MFT Street Resurfacing Project, South Holland, IL 2024
- DCEO Water Main Improvements, South Holland, IL 2024
- 187th Street & Chicago Heights Glenwood Road Intersection, Glenwood, IL 2024
- 154th Street Resurfacing Project, South Holland, IL 2024
- 2023 MFT Street Resurfacing Project, South Holland, IL 2023
- Willey St & Union Street Reconstruction, Gilberts, IL 2023
- Lake County Bridge 243 – Lake Street Over Grand Calumet River, Gary, IN 2022
- State Street Resurfacing Project, South Holland, IL 2022
- North Side Infrastructure Improvement Program, Itasca, IL 2022
- Kennedy Avenue Roadway Improvements, East Chicago, IN 2021
- 175th St & Ridgeland Ave Reconstruction, Phase I & II, Tinley Park, IL 2020
- 172nd St Water Main & Roadway Improvement, South Holland, IL 2020
- Multi-Use Path (2.2 Miles) – NGPL ROW – Romeoville, IL 2020
- 45th Street Grade Separation Project, Munster, IN 2019
- Vincennes Rd, Armory Dr & Westview Federal Aid Resurfacing, South Holland, IL 2019
- Homerlee Ave Roadway Reconstruction, East Chicago, IN 2019
- Arlington Heights Road Reconstruction, Phase I & II, Itasca, IL 2018
- US Rt. 6 at Van Dam Rd Reconstruction, Phase II, South Holland, IL 2018

Municipal Engineering Peer Review & Site Design

As the Village Engineer for South Holland, he conducts peer reviews for proposed development projects within the Village, including ROW permit review for new utilities. He also serves as Design Engineer on site development projects, including drainage, site utilities, grading design, stormwater management, permits, sanitary and water distribution, and cost estimates.

- Dozens of Development Peer Reviews, South Holland, IL 2018-Present
- Village of South Holland Town Center West Parking Lots, South Holland, IL 2026
- Village of South Holland Family Athletic Center, South Holland, IL 2025
- Village of South Holland Fire Station Expansion, South Holland, IL 2024
- Village of South Holland Public Works Site, South Holland, IL 2022

Pavement Management Systems, Reports & Master Plans

- South Holland, IL (PCI) 2019/2023
- Romeoville – Lower Industrial Park Master Plan 2023
- Logansport, IN & Mishawaka, IN (PASAR) 2017

Contact

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Education

Bachelor of Science, Civil Engineering
Marquette University
2000

Professional Registration

Registered Professional Engineer
Illinois, Indiana, Wisconsin

Employment History

Robinson Engineering, Ltd
2017-Present

RWA/DLZ
2010-2017

Burke Engineering Corp
2000-2010

Troy A. Golem, PE

Senior Engineer

A Senior Engineer with 20 years of technical experience designing and managing various federal, state, and local transportation projects, Mr. Golem's professional engineering duties also include preparing Phase I Reports and Phase II Design Plans. As a municipal engineer, his duties include site/subdivision plan reviews and project management.

Municipal Engineering

Provides consultation and support of all aspects of municipal engineering projects, serving as the firm's Municipal Engineer for client communities.

- Village of Peotone 2013-Present
- Village of Merrionette Park 2011-2022
- Village of Manhattan 2019-2022

Transportation Design

Design engineer for the preparation of contract plans and construction cost estimates for federally, MFT, and locally funded transportation projects. Tasks include developing roadway geometries, setting roadway profile, pavement design, storm sewer design, preparation of cost estimates, and preparing special provisions / bidding documents.

Eastern Avenue Roadway Reconstruction	Manhattan	$2,000,000	2025
Conrad Ave Storm Sewer & Road Improvements	Peotone	$850,000	2025
Maple Ave Reconstruction & Storm Improv.	Highland Park	$1,500,000	2024
MFT Crawford Street Resurfacing	Peotone	$75,000	2024
Downtown Streetscape Recon & Sidewalk Imprv.	Peotone	$3,200,000	2024
Multi-Use Path, Federally funded	Tinley Park	$270,000	2023
88th Ave./Wilmington Rd./I-57 Ramps Imprv.	Peotone	$2,500,000	2023
Eastern Avenue Roadway Extension	Manhattan	$1,300,000	2022
Railroad St. & Parking Lot Reconstruction	Peotone	$800,000	2022
MFT/RBI Street Resurfacing	Manhattan	$800,000	2021
West Street LAFO Resurfacing	Peotone	$350,000	2020
101st Ave & Sheffield Ave Intersection Imprv.	Lake County IN Hwy	$925,000	2019
Rathje Road Reconstruction	Peotone	$2,000,000	2018
Metra Station, Road & Parking Lot	Romeoville	$4,100,000	2017
Temple Ave & St Johns Ave Recon/Storm Imprv.	Highland Park	$1,250,000	2017
IL 50/Corning Ave Intersection Imprv.	Peotone	$1,300,000	2016
Safe Rts. to School Sidewalk Replcmnt.	Merrionette Park	$180,000	2016
Concrete Alley CDBG Reconstruction	Merrionette Park	$181,000	2013
11th & Hamilton Sts. MFT Reconstruction	Lockport	$866,000	2012
Cedar Rd. & Division St. Intersection Imprv.	Will Co. Dept. of Hwys	$2,700,000	2010
127th St. & Sacramento Ave. Intersection Imprv.	Blue Island	$1,400,000	2010

Transportation Studies & Master Planning

Assisted in preparing Phase I studies, including geometric studies, Intersection Design Study, cost estimates, and accident analysis; Assisted to develop and write various Master Transportation Plans for Romeoville, Peotone, and Dolton (2009-2013).

Eastern Ave. Recon Project Dev. Report Ph I Study	Manhattan	2023
West St. Reconstuction Project Dev. Report Ph I Study	Peotone	2022
Metra Sidewalk Project Dev. Report Phase I Study	Midlothian	2014
Veteran's Mem. Trail Phase I Study	Forest Prsrv Dist. of Will Cnty.	2013
Metra Station Project Dev. Report Phase I Study	Romeoville	2011

Education

Bachelor of Science, Civil Engineering
Bradley University

Professional Registration

Registered Professional Engineer in 3 States:
Illinois, Indiana, Wisconsin

Employment History

Robinson Engineering, Ltd.
2006-Present

Paul R. Ruscko, PE

Water & Wastewater Department Manager

An industry professional with over 27 years of municipal experience, Mr. Ruscko has served as Director of Public Works for two municipalities, as well as a Project Manager and Project Engineer, specializing in municipal water & wastewater systems.

Water & Wastewater Infrastructure

Study, design, and management of all aspects of water & wastewater infrastructure, including treatment facilities, pump & lift stations, water & force mains, sanitary sewers, and permitting.

• WRF 2 Chemical Feed Treatment System	Bolingbrook	$1,895,000
• WWTP 3 Phase IV Improvements	Bolingbrook	$7,315,000
• WWTF Energy Efficiency Improvements	Romeoville	$2,547,000
• Wastewater Treatment Facility Replacement	Snap-On	$677,000
• Raw Sewage Screen Replacement	Romeoville	$363,000
• Freund Lift Station Pump, Pipe & Valve Replacement	McHenry	$114,000
• Well 5 Well House Water System Improvements	Tower Lakes	$1,172,000
• Potable Water Well Drilling & Testing, Well 14	McHenry	$359,100
• WWTF Improvements at 7.5 MGD	Romeoville	
• Wastewater Facilities Plan Update	Gilberts	
• Wastewater Treatment Facility Improvements Plan	Romeoville	
• Sanitary Sewer System Review Services	Libertyville	
• Well 11 Emergency Operation Plan Evaluation	McHenry	
• Millstream Lift Station Alternatives Analysis	McHenry	
• Lift Station Specification Update	McHenry	

City Of Woodstock

Served as Public Works Director, implemented and managed short and long- term capital projects to provide reliable municipal infrastructure.

- Responsible for developing and overseeing $9M budget and 48 employees

Village Of Lakewood

Served as Public Works Director, reorganized the department, improving water & wastewater treatment supervision.

- Implemented annual water main and water service valve maintenance program to ensure that equipment would function properly in an emergency situation
- Developed and administered 14 public works and special service area budgets

Project Manager & Project Engineer

Professional Engineer and Manager for numerous client projects and internal departments.

HR Green, Inc. and Baxter & Woodman, Inc.

- Teamed with 4 firms to complete a $61M wastewater treatment system consolidation
- Oversaw $11.3M wastewater treatment plant expansion, completed on time
- Led all phases of municipal infrastructure planning, design, permitting and construction

Contact

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Education

Bachelor of Science, Civil Engineering
University of Illinois Urbana - Champaign

Associate of Engineering Science
College of Lake County

Professional Registration

Registered Professional Engineer
Illinois

Professional Certifications

IEPA Wastewater Treatment Works Operator, Class 4 (inactive)

Professional Affiliations

American Public Works Association (APWA)

Illinois Water Environment Association (IWEA)

Central States Water Environment Association (CSWEA)

EMPLOYMENT HISTORY

Robinson Engineering, Ltd.
2017-Present

HR Green, Inc.
2015-2017

City of Woodstock
2013-2015

Village of Lakewood
2007-2013

Baxter & Woodman, Inc.
1999-2007

Abbott Laboratories (Internship)
1998-1999

Greg A. Kamplain, PEI

Project Engineer

Mr. Kamplain is a project engineer with over 25 years of experience providing civil engineering to municipal clients. He has experience in all project aspects including management, design, specifications, permitting, contract administration and as a field and project coordinator for construction phases and has expertise in preparing municipal water system designs and modeling.

IEPA State Revolving Funds Loan Program

Project Engineer for numerous IEPA funded projects.

• Water Meter Replacement Year 2	Hazel Crest	$565,000	2024
• Tank Rehab & Water Meter Replaced	Thornton	$2.650.000	2023
• Water Meter Replacement Year 1	Hazel Crest	$565,000	2023
• Water Meter Replacement & LSLR	East Hazel Crest	$665,000	2020
• 2019 Water Main Replacement	Alsip	$2,400,000	2019
• .5MG Elevated Storage Tank	Monee	$2,700,000	2018

Water & Sewer

Project Engineer for numerous water main (WM) and sanitary sewer relocations, including design, estimate, bidding, and construction guidance.

• Southmoor Park Sanitary Sewer Improvements	MCD, IN	$690,000	2025
• DWC Water Supply Line	LAN	$2,355,000	2025
• Water Main Replacement	East Hazel Crest	$462,000	2023
• Water Meter Vault	East Hazel Crest	$3,800,000	2023
• Water Meter Vault	Tinley Park	$1,200,000	2022
• Pulaski/Springfield Water Main Replacement	Alsip	$710,000	2020
• Pulaski Rd & 120th Water Main Extension	Alsip	$403,000	2019
• Pulaski Rd Water Main Improvements	Alsip	$551,000	2018
• North Basin Lateral Grouting	Kimberly Hts SD	$200,000	2021
• West WWTP Excess Flow Force Main	Frankfort	$730,600	2018
• .5MG Elevated Storage Tank	AQUA IL	$1,800,000	2018

Master Planning Studies & Analyses

Project management for various clients' master planning projects.

• Water Distribution System Analysis	Gilberts	$35,000	2025
• Water System Evaluation & Study	Braidwood	$97,000	2025
• Hydraulic Water Model & System Eval	Island Lake	$71,000	2025
• Water Model & Master Plan Update	St. John, IN	$50,000	2024
• Cermak Rd Skeletonized Water Model	Berwyn	$50,000	2023
• Village Hydraulic Water Model	Dixmoor	$55,000	2022
• Water Distribution System Analysis	East Hazel Crest	$15,000	2022
• Alternate Water Supply Study	Minooka	$70,000	2022

Project Design & Management

Design and project management of more than $10 million in local water and wastewater (WW) infrastructure projects.

• Madison St Lift Station Improvements	MCD	$3,600,000	2023
• 99th Street Lift Station Rehabilitation	Hickory Hills	$1,300,000	2021
• Fairman Ave. Lift Station	Watseka	$2,500,000	2020

Contact

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Education

Master of Science, Environmental Engineering
Bradley University

Bachelor of Science, Civil Engineering
University of Illinois

Associate of Science, Engineering
Danville Area Community College

Professional Registrations

Professional Engineer-in-Training
Illinois

Professional Affiliations

American Water Works Association (AWWA)

Illinois Section American Water Works Association (ISAWWA)

Indiana Section American Water Works Association (INAWWA)

South Suburban Water Works Association (SSWWA)

Employment History

Robinson Engineering, Ltd.
2007-Present

Foth Infrastructure & Environment, LLC
1999 - 2007

Jonathan Flowers, PE

Senior Engineer

Mr. Flowers has worked with municipalities throughout the Chicagoland area to protect our natural and potable water resources. He has 21 years of experience designing projects for municipal water and wastewater systems, an expertise in lead service line replacement, and extensive background in industrial wastewater pretreatement. Jonathan also has extensive experience securing funding for water/wastewater improvements via IEPA Loans.

Lead Service Line Replacement

Involvement with funding, planning, inventorying, designing, and constructing lead service line replacements for over 40 municipalities. Part of teams that have secured close to $100M in free money from state and federal governments. Developed numerous novel project elements in this new field. Served as an expert witness in two cases.

Lead Service Line Inventory Work

Project manager or member of team for establishing resident surveys, coordinating potholing, and developing predictive modeling. Development of gettheleadoutil.com and Get the Lead Out USA social media pages.

- Alsip, Berwyn, Burnham, Crete, Dolton East Moline, Evergreen Park, Glenwood, Grayslake, Harwood Heights, Hazel Crest, Highland Park, Lansing, Matteson, Midlothian, Moline, Norridge, Palatine, Phoenix, Richton Park, Robbins, Schiller Park, South Chicago Heights, South Holland, Steger, Thornton, Watseka, Waukegan — $3,000,000 — 2021-present

Lead Service Line Design and Construction Engineering

Project manager or member of team for establishing design standards, including obtaining access agreements, basement leak prevention, and coordinating resident engagement.

- Berwyn, Burnham, Crete, Dolton, Evergreen Park, Hazel Crest, Highland Park, Lansing, Matteson, Midlothian, Moline, Palatine, Richton Park, Robbins, Schiller Park, South Chicago Heights, South Holland, Steger, Waukegan — $180,000,000 — 2021-present

Lead Service Line Replacement Plans

Developing required LSLR Plans including prioritization and funding.

- Alsip, Berwyn, Burnham, Crete, Dolton East Moline, Evergreen Park, Glenwood, Grayslake, Harwood Heights, Hazel Crest, Highland Park, Lansing, Matteson, Midlothian, Moline, Norridge, Palatine, Phoenix, Richton Park, Robbins, Schiller Park, South Chicago Heights, South Holland, Steger, Thornton, Watseka, Waukegan — $2,000,000 — 2021-present

Water/Wastewater Design

Designed water main, storm sewer, lift station, wastewater treatment plant, and water treatment plant projects for multiple communities.

Environmental & Administrative Projects

Industrial pretreatment program administration for 6 six communities including inspections, day to day management, surveys, local limits studies, ordinance preparation, and USEPA audits.

Contact

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Education

Bachelor & Master of Science, Environmental Engineering
Northwestern University

Professional Registrations

Registered Professional Engineer
Illinois

Presentations

Overcoming Obstacles in Lead Service Line Replacement Programs, WATERCON 2024, April 17, 2024

The Future of Lead Service Line Replacement, Illinois Municipal League Annual Conference, September 14, 2023

The Latest in Lead Service Line Replacement Construction and Design, WATERCON 2023, March 20, 2023

Time to Take Inventory, Council of Infrastructure Financing Authorities, November 7, 2022

Getting the Lead Out of Our Drinking Water, Suburban Public Works Directors Association, October 13, 2022

Employment History

Robinson Engineering, Ltd.

2013-Present

Baxter & Woodman Consulting Engineers
2006-2010

Metropolitan Water Reclamation District of Greater Chicago (Intern)
2004

Joseph M. Sullivan

Inflow and Infiltration Department Manager

Mr. Sullivan is an industry professional with more than 35 years of municipal experience specializing in underground infrastructure, including inspection, design and rehabilitation of sewers with trenchless methods and conducting sanitary sewer evaluation surveys (SSES) and managing I/I programs for more than 50 communities in the Chicagoland area.

Highlights of Mr. Sullivan's professional experience, include:

- I/I Department Manager for Robinson Engineering, Ltd. - management of 20+ annual client sewer programs that include SSES, dyed water flooding, design & construction, flow monitoring and compliance programs for IEPA – CMOM and MWRD – IICP.
- Senor Project Manager for RJN Group's Joliet office, hiring, training, and managing a staff of 10 professionals, including engineers, construction, field, and administrative.
- For RJN Group, served as Project manager & Field Manager for annual SSES and rehabilitation programs with Joliet, Bradley, Shorewood, Channahon, Woodridge, West Chicago, Batavia, Flag Creek W.R.D. and Wheaton Sanitary District.
- Managed and trained staff on manhole inspection, smoke testing, closed-circuit television (CCTV) inspection, flow monitoring, dyed water flooding, building inspections, data analysis, etc.

Collection System Experience

Mr. Sullivan is well versed in operations and maintenance of wastewater collection systems and has been a certifed collection system operator since 1999. He has also managed force main inspection projects using the MTA Pipe-Inspector® tool and the PICA/Ingu Piper®. Representative project experience includes:

• Jackson Creek Force Main (6" & 16" Dia.)	Frankfort	8,520 LF	2024
• 151st Street Force Main (20" Dia.)	Orland Park	1,965 LF	2019
• Hoberg/Edgecreek Force Main (10" Dia.)	Joliet	10,000 LF	2017

System Flow Monitoring

Considerable experience in flow monitoring including the installation and maintenance of ADS, Hach, ISCO and Marsh McBirney flow meters for numerous clients including: AQUA, Bridgeview, Collinsville, Danville, Downers Grove Sanitary District, Frankfort, Glenwood, Godfrey, Hanover Park, Hickory Hills, Joliet, Lake Zurich, Lake Forest, Lockport, Manhattan, Olympia Fields, Peotone, Rolling Meadows, Romeoville, Sauk Village, Shorewood, South Holland, Tinley Park, University Park, Villa Park, Waukegan, Wilmette, Woodridge, St. John IN, Saint Louis MO, Jacksonville FL, Austin TX, Houston TX, Burlington IA and Puerto Rico.

Representative projects, include:

• Flow Monitoring Jackson Creek	Frankfort	5 locations	2021 & 2024
• City-Wide Flow Monitoring	Kankakee	14 locations	2023
• System Wide Flow Monitoring	Libertyville	12 locations	2023
• Sytem Wide Flow Monitoring	South Holland	31 locations	2022
• Flow Monitoring Separate & Combined	Joliet	75 locations	2014-2020

Sewer Rehabilitation & Manhole Repairs

Considerable experience in design and construction projects including:

• CIPP/Manhole Rehabiltation	South Holland	4,600'/150	2021-2024
• Sanitary Sewer Point Repairs	Western Springs	9	2024
• Point Repairs/CIPP/Manhole	Kankakee	6/5,500'/270	2022-2023
• CIPP/Manhole Rehabilitation	Joliet	300,000'/750	2014-2020

Contact

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Education

Bachelor of Science, Environmental Studies, Northland College, Ashland, WI

Professional Certifications

OSHA 10-Hour, Confined Space Entry & Traffic Safety (2014)

NASSCO Pipeline Assessment Certification Program, PACP (2009 – Current)

Illinois EPA, Collection Systems Operator (2000)

Missouri MWEA - Collection System Operator (2004)

Professional Affiliations

IAWWA, Member since 2020

IWEA Collections System Committee, since 2017, member since 2014

Publications

MSTT "Casting Light on the Future of Lateral Rehabilitation" (2022)

MSTT "Unveiling the 1st T-Liner, Nearly a Quarter Century Later" (2021)

MSTT "Fixing a 19th Centrury Sewer with a 21st Century Solution" (2019)

Awards

IWEA – Golden Manhole Award (2020)

Employment History

Robinson Engineering, Ltd.
2005-2013 & 2021-Present

RJN Group, Inc.
1999-2004 & 2013-2021

Downers Grove Sanitary District
1990-1999

Maxwell McAvoy, PEI

Project Engineer

Mr. McAvoy joined Robinson in 2023 with a focus in Civil Engineering and Environmental Engineering. He interned with Robinson in the summer of 2022 and assisted the I & I Department with smoke testing. Mr. McAvoy has Microsoft Office and Land Surveying GPS/Trimble program experience.

Robinson Enigneering, Ltd.

Mr. McAvoy has assisted the I&I Department on multiple projects for the various municipalites that Robinson serves. Notable project work as follows:

- Bradley, IL (2024)
  - Design and CCTV review of approximately 25,000 LF
- South Holland, IL (2024)
  - Design and CCTV Review of approximately 120,000 LF
- Alsip, IL (2024)
  - Sanitary Sewer CCTVand Storm Sewer Lining Design and project oversight
- Washington, IL Smoke Testing (2022)
  - Over 150,000 LF tested
  - Only non-toxic liquid smoke was used
  - Distributed notification to residents
- AQUA Bourbonnais (2022)
  - Pilot SSES
  - Basin 6
  - Smoke Testing of 9,000 LF
  - Manhole Inspections
- Village of Romeoville, IL
  - Lateral Tee-Lining Pilot
  - Project Management of installation of ~50 Tee-Liners in Village of Romeoville neighborhood. Included pre-and post-installation flow monitoring to quantify reduction in Inflow and Infiltration.
- South Lyons Township Sanitation District, IL
  - Dyed Water Flooding, Smoke Testing and CCTV of 7 sanitary basins, followed up with dyed water flooding to identify 11 points of cross connection that allow 412.6 GPM of I&I.
- Village of Hazel Crest, IL
  - Sanitary Sewer CCTV: Project Management, Oversight, and CCTV Review of ~39,000 LF of sanitary sewer
- City of Whiting, IN
  - Combined Sewer Lining and Manhole Rehabilitation - Bid Package/Project Design for Indiana client, Translated existing bid documents to reflect Indiana Requirements and Specifications for ~$700,000 project.

Engineering Technician Intern (IDOT)

- Supervised a construction team for the construction of a bridge, ensuring that work performed is in accordance with specifications and design requirements. Also provided accurate designs, field measurements, computations, and documentation resulting in a recommendation for re-hire.
- Completely constructed bridge contract worth $750,000 and ensured work was completed according to schedule to minimize unnecessary costs.

Contact

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Email max.mcavoy@reltd.com

Education

Bachelor of Science, Civil Engineering, University of Illinois at Urbana-Champaign

Professional Training

NASSCO Pipeline Assessment Cerfitication Program (PACP)

NASSCO Manhole Assessment Certification Program (MACP)

NASSCO Lateral Assessment Certification Program (LACP)

Professional Registrations

Professional Engineer-in-Training (PEI)

Illinois

Employment History

Robinson Engineering, Ltd.
2023

Robinson Engineering, Ltd.
Summer 2022 – Intern

Illinois Department of Transportation
Summer 2021 - Intern

Engineers Without Borders Urbana
2019 – Member

Mallory Weisbrodt, PEI

Project Engineer

Ms. Weisbrodt has begun her professional career with Robinson Engineering and is a valuable team member in the firm's Inflow / Infiltration department. She provides assistance in sewer testing projects and has also been involved in various municipal engineering projects.

Inflow / Infiltration (I/I)

As a member of the I/I department, Ms. Weisbrodt assists in providing sanitary sewer evaluation survey (SSES), reviews basin flow maps, prepares bid documents for CCTV, CIPP, manhole rehabilitation projects, manhole inspections, dyed water flooding, and smoke testing operations, reviews CCTV footage and recommends repairs, and prepares reports summarizing sewer defects and proposed solutions. In 2024 alone, she inspected over 500 manholes, smoke tested over 65 miles of sanitary sewer, and reviewed over 150,000 linear feet of sewer televising data.

- Libertyville - Dyed water flooding, 91 storm inlets at 65 unique locations, CCTV review & reporting
- Western Springs - Springdale Subdivision 10 point repairs construction oversight (2024)
- Bradley - Basin 11 & Meadowview Area manhole rehabilitation bid package and construction oversight (2024)
- MWRD Annual Reporting 2023 - 16 satellite entities
- Libertyville - Sanitary & Storm Sewer Cleaning and Televising bid package (2024)
- Libertyville - Cured-In-Place Pipelining 2024 - Basin 5 (2024)Western Springs, IL – Sanitary sewer point repairs, Springdale Subdivision (2024)
- Metropolitan Water Reclamation District – Annual summary reporting, 14 municipalities (2024)
- Libertyville, IL – Basin 5 cleaning and televising bid package & manhole inspection (2023-24)
- South Palos Township Sanitary District – Sanitary manhole and sewer repairs (2023)
- Richton Park, IL – Sanitary sewer CCTV review (2023)
- Bradley, IL – Basins 1 & 4 cleaning and televising bid package (2023)
- Frankfort, IL – Basins 1 & 4 cleaning and televising bid package & manhole inspection (2023)
- Kankakee, IL – Sanitary manhole rehabilitation, Lower Riverview (2023)
- Kankakee, IL – Sanitary sewer cured-in-place pipelining (2023)
- South Holland, IL – Cleaninig and televising, cured-in-place pipe lining, & manhole rehabilitation (2022-2023)
- Kankakee, IL – Sanitary sewer cleaning and televising, Lower Riverview, CCTV review (2022)
- Aqua, Bourbonnais – Pilot SSES, Basin 6, smoke testing: 9,000 LF; manhole inspections (2022)
- Bradley, IL – Basins 6, 7, & 8, smoke testing: 80,000 LF; manhole inspections (2022)
- South Lyons Township Sanitary District – Smoke testing: 30,000 LF (2022)
- Washington, IL – Smoke testing: 150,000 LF, non-toxic liquid smoke; resident notification (2022)

Transportation

Since beginning her career with Robinson, Ms. Weisbrodt has served as a Resident Engieering Representative on transportation construction projects for various client communities and assisted professional engineering staff on design of various transportation and roadway projects.

• MFT Street Resurfacing Program	Peotone	2022
• CDBG Street Resurfacing Program	Markham	2022
• 183rd Street Rehabilitation Project	Country Club Hills	2022
• Crack Sealing Program	Lansing	2021
• Rebuild Illinois Resurfacing	Calumet Park	2021
• Rebuild Illinois Resurfacing	Hazel Crest	2021
• Rebuild Illinois Resurfacing	Dolton	2021

Contact

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Education

Bachelor of Science, Civil Engineering
Universtiy of Iowa, Iowa City, IA

Professional Registrations

Professional Engineer-in-Training
Illinois

Professional Training

NASSCO Inpector Training Certification Program – Cured-In-Place Pipe Installation

NASSCO Pipeline Assessment Cerfitication Program (PACP)

NASSCO Manhole Assessment Certification Program (MACP)

NASSCO Lateral Assessment Certification Program (LACP)

National Incident Management Systems (NIMS):

- Introduction to Incident Command System
- Introduction to the National Incident Management System

Professional Affiliations

Theta Tau Professional Engineering Fraternity, Omicron Chapter

Employment History

Robinson Engineering, Ltd.
2021-Present

Sean P. Kelly, PE, CFM

Senior Project Manager

Mr. Kelly has 32 years of experience in civil engineering, with an emphasis in stormwater and water projects. He has performed civil engineering for municipalities throughout the Midwest and has served as the Municipal Engineer for Palos Park (2003-2006), Coal City (2014-2015), Lombard (2016-2021), Minooka (2006-2025), and Braidwood (2025-present), providing daily engineering consultation, as well as review, design, and planning for diverse types of municipal projects. He previously served as the Stormwater Group Manager and continues to provide technical guidance on stormwater projects for client communities.

Stormwater Management

Performs drainage studies, including Letter of Map Revisions (LOMR) for floodplain determination. Designs, manages, and permits stormwater and floodplain management/mitigation projects for public and private sector clients. Has experience developing and utilizing a variety of computer models to evaluate drainage and floodplain impacts for various agencies, including Departments of Transportation (DOTs) in Illinois, Indiana and Wisconsin, the US Army Corps of Engineers (USACE), Illinois Department of Natural Resources, and MWRD.

• Rio Poco Ave. Erosion Control Improvements	Minooka	$800,000	2022
• Deerpath Dr. Erosion Control Improvements	Minooka	$460,000	2022
• McEvilly Rd. Path DuPage River Hydraulic Eval.	Minooka	N/A	2021
• Hobart Stormwater Master Plan Update	Hobart, IN	N/A	2015-2018
• Independence Street Drainage Study	Merrillville, IN	$300,000	2017
• Worth Woods Sub Phase 1 Drainage Imprvs.	Worth	N/A	2014-2021
• Woodlawn Bridge Replacement Hydraulic Eval.	Woodlawn	N/A	2014-2017
• Wood Dale Stormwater CIP Imprvs., Area 5	Wood Dale	$198,000	2014
• Chicago Heights-Glenwood Rd. Hydraulic Eval.	Glenwood	N/A	2013-2021
• Village-wide Drainage Improvement Analyses	Coal City	$6,000,000	2009-2013
• Devon Ave. Flood & Hydraulic Analysis	Elk Grove Village	N/A	2011
• Green St. Hydraulic Analysis	Ottawa	N/A	2011
• Butterfield Creek Hydraulic Eval.	Olym. Fields	$2,125,000	2010
• Illinois River Hydraulic Study	Ottawa	N/A	2010
• East Mondamin Main Drain Strm. Swr.	Minooka	$923,000	2008
• Milne Creek Stream Bank Stabilization	Lockport	$185,600	2005
• Barretts Area Detention Pond & Storm Sewer	Tinley Park	$4,200,000	2005
• 76th Ave. Ditch Brementown, LOMR	Tinley Park	N/A	2005
• Barretts Area Conditional LOMR	Tinley Park	N/A	2005

Water & Sewer

Has designed over $21 million in local water and sewer infrastructure, ranging from utility replacements within urbanized areas to new extensions to facilitate future development.

• Kelly Ct Watermain Replacement	Lombard, IL	$80,000	2021
• Woodrow Ave Drainage Improvements	Lombard, IL	$160,000	2019
• Center street Reconstruction	Harvey	N/A	2012-2013
• Wicker Park Sewer Separation	Munster, IN	$2,255,000	2012
• Phase I Drainage Studies Fed. Fun STP	Romeoville	N/A	2010
• ARRA Water Main Rplcmt Design	Harvey	$1,700,000	2009
• Mondamin-Wabena-Osceola Utilities	Minooka	$980,000	2007
• Massasoit-Coady-Wabena Utilities	Minooka	$750,000	2007
• Otter Creek NW Water & Sewer Ext..	Elgin	$13,000,000	2006
• Water Distribution System Analysis	Frankfort (FPA)	N/A	2006
• Barrett area Phase I Off-site Strm. Swr.	Tinley Park	$1,798,000	2005

Contact

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Education

Bachelor of Science, Civil Engineering
University of Illinois, Champaign-Urbana

Professional Registrations

Registered Professional Engineer
Illinois

Certifications

Certified Floodplain Manager (CFM)

Qualified Engineer Review Specialist, Kane County

Professional Affiliations

American Society of Civil Engineers (ASCE), Illinois

American Council of Engineering Companies (ACEC)

Illinois Association for Floodplain and Stormwater Management (IAFSM)

Employment History

Robinson Engineering, Ltd.
2002-Present

HNTB Corporation
1996-2002

Law Engineering
1994-1996

Jonathan J. Dykstra, CFM

Senior Engineer

Mr. Dykstra has 38 years of technical experience in water resources engineering including watershed modeling and planning. He is responsible for leading drainage and floodplain related planning, analysis, and design for projects including hydrologic and hydraulic modeling, floodplain and floodway determinations, FEMA map revision support and watershed and feasibility studies. He also conducts stormwater and floodplain management reviews for various municipalities in Cook, DuPage and Will Counties in Illinois and Lake County, Indiana.

Stormwater Management

Extensive experience in stormwater management, including developing hydrologic and hydraulic models to determine flow rates, establishing floodplain and floodway limits, supporting FEMA map revisions, evaluating proposed designs and modifications, and performing dam breach analyses.

• 143rd St./Lemont Rd. to Bell Rd.	WCDOT	$30,000,000	Ongoing
• Wood Dale Stormwater Improvements	Wood Dale	$9,700,000	2021
• Burr Street Improvements	Schererville	$1,400,000	2020
• Central Park	Dyer	$2,500,000	2017
• 45th St. Grade Separation	Munster	$34,000,000	2015
• Stony Island Drainage Ditch	Lansing	$1,000,000	2013
• Joe Orr Road New Extension II	Lynwood	$10,000,000	2013
• 167th Street Reconstruction	Harvey	$4,000,000	2011
• Joe Orr Road New Extension I	Lynwood	$7,100,000	2010
• Crete Protestant Ref. Church	Crete	$1,500,000	2009
• 170th Street Reconstruction	South Holland	$11,000,000	2009
• Highlands of Ellendale Subdivision	Crown Point	$2,750,000	2007
• Glenwood-Lynwood Public Library	Lynwood	$2,000,000	2007
• Ellendale Old Town Subdivision	Crown Point	$2,500,000	2006
• Fey & Graefen Industrial Park	Frankfort	$3,000,000	2006
• Misty Glen Subdivision	Lowell	$1,700,000	2006
• Schmidt Farms Subdivision	Crown Point	$2,000,000	2005
• Hidden Creek Subdivision	Homer Glen	$1,500,000	2005

Floodplain Management

Significant experience in floodplain management and FEMA map revisions, including Letter of Map Revisions (LOMR) and Letter of Map Amendments for floodplain determination.

• Eastern Avenue Culverts Phase 1	Manhattan	$2,100,000	2023
• W. Louise Drive Culvert Replacement	Lansing	$200,000	2021
• 221st Street Culvert Replacement	Sauk Village	$230,000	2020
• Hart Street Bridge Replacement	Dyer	$2,000,000	2019
• Clavey Road Bridge Replacement	Highland Park	$1,000,000	2017
• Vollmer Road Culvert Replacement	Olympia Fields	$800,000	2016
• Rathje Road Culvert Replacement	Peotone	$300,000	2016
• Dredge Fill Site Dam Breach	Aroma Park	$200,000	2014
• 191st Street Culvert Replacement	Lansing	$250,000	2012
• Country Club Drive Bridge Rplcmnt	Olympia Fields	$450,000	2011
• Weber Road Widening	Romeoville	$2,500,000	2010
• Lily Cache Slough LOMR	Romeoville	N/A	2010
• Midlothian Culvert Replacements	Midlothian	$900,000	2009
• McLindon Road Improvement	Minooka	$3,100,000	2009
• Oak Park Avenue LOMA	Tinley Park	N/A	2008

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Education

Bachelor of Science, Civil Engineering
Illinois Institute of Technology

Professional Certifications

Certified Floodplain Manager (CFM)

Professional Affiliations

American Society of Civil Engineers (ASCE)

Association of State Floodplain Managers (ASFPM)

Illinois Association for Floodplain and Stormwater Management (IAFSM)

Will County Stormwater Management Planning Committee (WCSMPC)

Metropolitan Water Reclamation District (MWRD) Technical Advisory Committee

Employment History

Robinson Engineering, Ltd.
2007-Present

Burke Engineering Corporation
2004-2007

Christopher B. Burke Engineering, Ltd.
1989-2004

Ciorba Group
1988

Jacob C. Wellbank, PE, CFM

Project Engineer

Mr. Wellbank, a project design engineer with 13 years of experience, holds a Bachelor of Science degree in Environmental Engineering from the University of Wisconsin – Platteville. A registered engineer in Wisconsin and Illinois, he serves as the appointed Municipal Engineer for the Village of Wonder Lake. Mr. Wellbank has designed and permitted stormwater management systems, water main improvements, transportation, and site development projects in DuPage, Cook, Lake, and McHenry Counties; has responded to hundreds of individual drainage concerns and complaints at commercial and residential properties between three municipalities since 2018; is the Stormwater Enforcement Officer for the Villages of Island Lake, North Barrington, and Wonder Lake; and is proficient with utilizing AutoCAD and stormwater modeling software such as StormCAD, PondPack, HydroCAD, and XP-SWMM.

Stormwater Management

Designed and permitted stormwater detention systems, storm sewer, and site grading plans for projects in the Illinois counties of DuPage, Cook, and Lake. Has also provided analysis and design of existing and proposed stormwater models for storm sewer, stormwater detention, and overland flood routing.

• Grassmere, Haverton, Oaksbury Pond Drainage Improvements	N. Barrington	2026
• Roadway and Infrastructure Imp. Phase 3	Itasca	2026
• UW-Whitewater Tutt Hall Flooding Remediation	WI DOA	2026
• UW-Whitewater University Center	WI DOA	2026
• Mutton Creek Streambank Stabilization	Island Lake	2025
• George Arquilla Park Levee ($5.2M)	Glenwood	2024
• Schiller Street Basin Enhancements ($1.4M)	Itasca	2024
• Police Station Permeable Paver Parking Lot ($1.0M)	Hickory Hills	2023
• Roadway and Infrastructure Imp. Phase 2 ($8.2M)	Itasca	2023
• Roadway and Infrastructure Imp. Phase 1 ($5.2M)	Itasca	2022
• Ward 2 & 3 Stormwater Improvements, Contract D ($5.3M)	Wood Dale	2021
• Ward 2 & 3 Stormwater Improvements, Contract C ($9.7M)	Wood Dale	2020
• Dalewood Ave. & Gilbert Dr. Storm Sewer Imp., Contract B ($1.1 M)	Wood Dale	2019
• Hobson Triangle Drainage Study	Downers Grove	2018
• Ward 2 & 3 Drainage Improvements, Dalewood Creek, Contract A ($800k)	Wood Dale	2018

Water and Sanitary System Improvements

Involved in the design/evaluation of the following water distribution and sanitary collection systems:

• Hancock Drive Business District – Lift Station, Sanitary Sewer, and Water Main Improvements	Wonder Lake	2025
• Pepper Tree Dr & Del Mar Dr Water Main Repl.	Palatine	2018
• South Wilke Road Water Main Replacement	Palatine	2017

MS4 Program Implementation

Assists with program implementation in the following communities:

• Itasca	2016-Present	• Wood Dale	2016-Present
• Wonder Lake	2016-Present	• Island Lake	2023-Present
• North Barrington	2017-Present		

Development Plan Review

• Itasca	2015-Present	• Wonder Lake	2019-Present
• North Barrington	2018-Present	• Island Lake	2023-Present

Contact

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Education

Bachelor of Science, Environmental Engineering
University of Wisconsin - Platteville

Professional Registration

Registered Professional Engineer
Wisconsin, Illinois

Professional Certification

Certified Floodplain Manager (CFM)

Lake County Illinois Stormwater Enforcement Officer

McHenry County Illinois Stormwater Enforcement Officer

Professional Affiliations

American Society of Civil Engineers (ASCE)

American Public Works Association (APWA)

Employment History

Robinson Engineering, Ltd.
2013-Present

Milwaukee Metropolitan Sewerage District (Intern)
2012-2013

Jason L. Douthett, PE

Field Superintendent

Mr. Douthett, Field Superintendent, possesses 18 years of diversified municipal engineering experience. His engineering experience includes preparation of roadway plans, utility coordination and preparation of permits. He also has extensive construction engineering experience spanning from transportation, water, stormwater, wastewater and lighting & signal projects. Mr. Douthett also coordinates field staking and assignment of field staff for on-site construction observation.

Transportation

Mr. Douthett has served on transportation construction and MFT maintenance projects for various client communities.

• Thorn Ditch Flood Mitigation Project	South Holland	2025-Present
• CDBG Street Resurfacing	Matteson	2025
• Roadway Maintenance Program	Matteson	2025
• 207th St. Bridge Replacement	Matteson	2025
• Cottonwood & Heritage Estates Park Improvements	Dyer	2025
• Town of Merrillville Paving Program	Merrillville	2024
• Eberly & Hearthstone Park Pickleball Courts	Dyer	2024-2025
• Lake St. Bridge Rehabilitation (Bridge 243)	Lake County	2023-2024
• Lansing 2023 MFT Paving Program	Lansing	2023
• Elmer Miller Splash Pad	Dyer	2023
• Cherry Hill Park Improvements	Dyer	2023
• Kennedy Ave Improv., Michigan St to Chicago Ave	East Chicago	2022
• Mississippi St. Reconstruction, 93rd Ave to 101st Ave	Merrillville	2021-2022
• Autumn Chase Park Improvements	Dyer	2021
• Hart St. Bridge Replacement (Bridge 264)	Lake County	2020
• Gary Sanitary District Parking Lot Improvements	Gary	2019
• Emergency Vehicle Preemption Project	Multiple LPAs	2019-2020
• Green Meadows Park Playground Improvements	Dyer	2019
• 77th Avenue Bridge Deck Overlay	Schererville	2019
• State Route 14 Roadway Rehabilitation	Newton & Jasper Co.	2018
• Summit & Merrillville Rd. Intersection Improvement	Crown Point	2017
• Mississippi St. Reconstruction, US 30 to 93rd Ave	Merrillville	2015-2017
• Community Park Phase IV	Munster	2014
• 80th Avenue Resurfacing	Tinley Park	2014
• Oak Park Avenue Resurfacing	Tinley Park	2014
• 80th Avenue Sidewalk	Frankfort	2014
• 207th St Lighting and Sidewalk Improvements	Olympia Fields	2014

Design Work

• Town-wide Paving Program	Merrillville	2014-Present
• City-wide Paving Program	Gary	2016-2022
• Cherry Hill Park Improvements	Dyer	2022
• Autumn Chase Park Improvements	Dyer	2020
• Sheffield Estates Park Improvements	Dyer	2019
• Green Meadows Park Improvements	Dyer	2019
• Burr Street Reconstruction	Schererville	2018
• Guthrie St. Reconstruction	East Chicago	2017

Contact

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Education

Bachelor of Science, Civil Engineering
Valparaiso University

Professional Registrations

Professional Engineer
Illinois, Indiana

Professional Certifications

AASHTO Site Manager Certified

IDOT Documentation of Contract Quantities # 25-23651

INDOT Certified Inspector

Professional Affiliations

American Society of Civil Engineers (ASCE)

Employment History

Robinson Engineering, Ltd.
2008-Present

Adam Glens

Assistant Field Superintendent, Resident Engineer

With 28 years of experience, Mr. Glens is currently responsible for supervising and training the resident engineering staff. He also provides construction observation for numerous projects focusing on transportation. His background also includes working alongside the Illinois Department of Transportation. Mr. Glens also has many years of experience overseeing the installation of sewers, water main, precast concrete structures, directional drilling and de-watering systems. In addition, he supports our information technology department by providing technical and construction assistance.

Resident Engineer / Construction Observation

• 135th Street Resurfacing (IDOT)	Romeoville	$331,000	2023
• Normantown Rd West LAFO (IDOT)	Romeoville	$777,000	2023
• Glen Flora & Sheridan Rd LAFO (IDOT)	Waukegan	$1,332,000	2023
• Normantown Rd West LAFO (IDOT)	Romeoville	$1,182,000	2023
• Lead Service Line Replacement	Robbins	$3.800,000	2023
• Pfeiffer Rd Extension	Frankfort	$3,950,000	2023
• Peotone Wilmington Road Recon	Peotone	$2,600,000	2023
• Eastern Ave Road Construction	Manhattan	$1,240,000	2023
• Budler Road Resurfacing	Romeoville	$683,000	2022
• 2022 Roadway Maintenance Program	Waukegan	$3,850,000	2022
• 2022 Roadway Maintenance Program	Frankfort	$6,450,000	2022
• Pinnacle Road Construction	Romeoville	$2,212,000	2022
• Minooka Road Resurfacing	Minooka	$2,146,000	2022
• Box Culvert Replacement	Bourbonnais	$103,000	2022
• Elm Street Reconstruction	Frankfort	$1,105,000	2021
• 2021 Roadway Maintenance Program	Frankfort	$3,853,000	2021
• Lead Service Line Replacement	Frankfort	$1,520,000	2021
• Rt 53 Sidewalk Improvements	Romeoville	$123,000	2021
• Pinnacle Rd Signalization	Romeoville	$627,000	2021
• ComEd Bike Path	Romeoville	$1,230,000	2021
• Southwick Watermain Extension	Frankfort	$987,000	2020
• St. Francis Rd Reconstruction	Frankfort	$3,540,000	2020
• Various Watermain improvements	Frankfort	$1,240,000	2020
• Prestwick Watermain Improvements	Frankfort	$882,000	2020
• 2020 Roadway Maintenance Program	Frankfort	$2,950,000	2020
• Matteson Fulfillment Center utilities	Matteson	$7,250,000	2020
• Village wide Resurfacing Program	Frankfort	$2,032,645	2019
• Water Treatment plant demolition	Frankfort	$5,888,000	2019
• Sewer Infiltration repairs	Crest Hill	$340,962	2019
• Freedom Pond Storm Sewer	Tinley Park	$5,391,076	2019
• Convention Center Parking Lot	Tinley Park	$383,948	2018
• South St Intersection and Sewer	Tinley Park	$713,136	2018
• Village wide Resurfacing Program	Frankfort	$1,554,245	2018
• Wet Conditions force main	Frankfort	$774,477	2018
• Union Ditch Interceptor Sewer	Frankfort	$1,734,502	2018
• Water Meter Vault installation	Belt Railroad	$351,125	2018

Contact

Phone (708) 225-8220
Fax (815) 806-0301
Email aglens@reltd.com

Education

Electrical Engineering
Northern Illinois University

Professional Certification

IDOT Documentation of Contract Quantities # 22-19486

Employment History

Robinson Engineering, Ltd.
2013-Present

Airy's Inc.
2003-2013

Axiom Property Management
2000-2003

Panduit Corp.
1997-2000

Josh Barelli, PEI

Resident Engineer

Mr. Barelli is a Resident Engineer working on various federal, state, and local transportation projects. His professional engineering duties include resident engineering construction engineering for water, sewer, transportation projects and bridge inspections.

Water and Sewer

Resident Engineer for the inspection and documentation of various water and sewer systems. Mr. Barelli has assisted with a 5-Year IEPA-funded Water Main Replacement Program for the Village of Romeoville along with provding resident engineering services for the Lower Industrial Park Water Main Replacement Project in that same municipality.

• IEPA LSLR Project - Year 1	South Holland	$ 2,530,000	2024
• Well #3 Watermain Reconfiguration	Monee	$167,000	2023
• Court Street Watermain	Monee	$1,445,066	2023
• Rec Center Watermain/Forcemain Imp.	Romeoville	$877,048	2025
• George Arquilla Park Levee.	Glenwood	$4,903,875	2024-25

Transportation

Responsible for field-engineering, project management, project documenation, and inspection of federal, state, and local agency tranportation projects. Some of the representative projects below include IDOT projects and related documentation. He is Certified for IDOT Documentation, allowing him to provide resident engineering services on federally funding transportation projects.

• 2025 Minooka MFT Resurfacing	Minooka	$965,125	2025
• Taft Road Resurfacing	South Holland.	$331,311	2025
• Ridge Road Resurfacing.	Lansing	$1,973,691	2024
• Crete Road Reconstruction	Crete	$2,200,824	2023-24
• Matteson TIF Concrete	Matteson	$1,500,000	2023-24
• Corning Avenue LAFO	Peotone	$460,438	2020
• FY2021 PMP Resurfacing	Tinley Park	$3,391,689	2020
• FY2022 PMP Resurfacing	Tinley Park	$2,254,748	2021
• FY2023 PMP Resurfacing	Tinley Park	$2,254,748	2022
• Court Street Resurfacing	Monee	$293,220	2022
• Minooka Road Resurfacing	Minooka	$2,130,612	2022
• FY2020 PMP Resurfacing	Tinley Park	$3,506,685	2019

Contact

Phone (708) 210-5672
Fax (815) 806-0301
Email jbarelli@reltd.com

Education

Bachelor of Science, Civil Engineering
Purdue University Calumet

Masters of Science, Engineering with Civil Focus
Purdue University Calumet

Professional Registration

Professional Engineer Intern

Professional Certification

IDOT Documentation of Contract Quantities #22-19514

IDOT Bridge Documentation

Employment History

Robinson Engineering, Ltd.
2016-Present

Swap-O-Rama Flea Markets
2006-Present

Wolfpack Development Inc.
2014-2015

American Paving and Maintenance
2008-2013

David P. Barnas, PE, DECI

Resident Engineer

Mr. Barnas is an industry professional with 40 years of experience in municipal project planning, design, permitting, construction administration, and resident engineering for water, wastewater and roadway projects in Illinois, Wisconsin, Indiana and Michigan. He has a strong background working with clients, regulators, sub-consultants and contractors to develop and implement infrastructure projects. In-depth knowledge in the region, Mr. Barnas has worked with the DuPage Water Commission, the Milwaukee Metropolitan Sewer District, and assisted in taxiway relocation, trunk sewer and basin excavation projects at O'Hare Airport, and provided engineering services on projects for the Illinois Tollway ITS and Toll Plaza.

Water & Wastewater Design and Construction

Having managed numerous projects in water and wastewater; through start-up, operations, and maintenance with operations staff, Mr. Barnas has a vast experience as design engineer and project manager for municipal water & wastewater projects, including water mains, yard piping improvements, pump stations and improvements, water storage, chemical handling, scrubbers, chlorine injection and neutralization, plate settlers, intakes, fall protection system, large diameter sewer rehabilitation, trenchless technologies, lining of sewers and water mains.

Mr. Barnas has recently overseen water main replacement projects in Roselle and Tower Lakes; water main lining projects for Mount Prospect, Crest Hill, and the Morton Grove – Niles Water Commission; water pump station rehabilitation for Itasca and Highland Park; two water pump stations and standpipe construction for the Morton Grove – Niles Water Commission; and Roadway Infrastructure Improvements projects Ph II and Ph III for the Village of Itasca. Has overseen roadway and infrastructure improvement as well as sanitary sewer and manhole rehabilitation projects for Itasca. Currently overseeing Lift Station, Sanitary Sewer and Water Main improvements for Wonder Lake, IL.

AECOM Technologies

Project Engineer/Project Manager for 8 miles of 48-inch to 72-inch sanitary sewer including wetland delineations, easement acquisitions, operations requirements and flow evaluation; chlorination contract to flush and disinfect 64 miles of transmission main. Permitting, coordination, seven water supply delivery points and environmental regulations compliance.

Design of 6,500 feet of 12-inch and 16-inch water main and pump station; roof top fall protection system; hazard identifications at remote water facilities and recommendations. Storm water pollution protection plan; water source route study; cost estimates; bid reports; cost analysis; drafting of specifications and special provisions; construction administration for water, sewer and water treatment facilities.

ABH Donohue

Design engineer for 70,000 feet of water main ranging from 8-inch to 60-inch diameter, including permitting, wetland restoration and use of horizontal directional drilling; rehabilitation and replacement of 24-inch to 72-inch sewers including a siphon; plate settlers; and chlorine and fluoride feed systems at the Jardine Water Treatment Plant rehabilitation.

Field Engineer for 132,000 feet of 8-inch through 60-inch water main, including pavement restoration; 63-meter stations, two pressure adjusting stations; 340 MGD pump station construction; pump station improvements; water treatment plant and intake improvements.

Contact

Phone (224) 723-8801
Fax (815) 806-0301
Email dbarnas@reltd.com

Education

Bachelor of Science, Civil & Environmental Engineering
University of Wisconsin, Madison

Professional Registration

Registered Professional Engineer, Illinois

Professional Certifications

IDOT S-33 Soils Field Testing and Inspection

IL Tollway Materials Management

Stormwater Management Commission Designated Erosion Control Inspector

Employment History

Robinson Engineering, Ltd.
2017-Present

Graef
2014-2016

Practical Environmental Consultants
2012

AECOM Technologies
2005-2012

ABH Donohue
1987-2005

Dana E. West, PE, CFM, CPESC

Senior Project Manager

Ms. West is the Manager of the Planning & Development Department. She primarily serves as a Municipal Engineer with a focus on managing new and ongoing land development and MS4 services. She performs technical development reviews, represents clients during engineering negotiations with developers, and makes related public reports. Her design experience focuses on site development and stormwater management issues. In addition to her primary client responsibilities, she also assists MS4 permit compliance for Bolingbrook, Channahon, Crest Hill, Frankfort, Frankfort Township, Kankakee, Manhattan, Matteson, Monee, and Romeoville.

MS4 Permit Compliance

Assisted communities to meet requirements of their MS4 permits, including preparation of permit renewals and annual reports, overall program management, and assistance with program audits for Bolingbrook, Channahon, Crest Hill, Frankfort, Frankfort Township, Matteson, Monee, and Romeoville.

Stormwater and Floodplain Regulations

Authored revisions to local ordinances as deemed necessary for procedural, technical, or other changes: Frankfort Design Standards (2004, 2007, 2008, 2009); Frankfort Floodplain Regulations (2009, 2019); Crest Hill Floodplain Ordinance (2019); Wood Dale Floodplain Ordinance (2019).

FEMA Map Modernization Program: City of Crest Hill and Village of Frankfort

Served as liaison between communities and the Illinois Department of Natural Resources (IDNR) and the Illinois State Water Survey (ISWS) for updates to the Flood Insurance Rate Maps in 2009-2010, 2013, and 2016. Tasks included reviewing new digital maps, identifying impacts to lots and structures placed in regulatory floodplain and floodway, reviewing ISWS model for Jackson Creek, and reviewing and updating inventories of Letters of Map Change to ensure maps are current and accurate.

Municipal Engineering

Village of Frankfort (2002-Present)

- Performed hundreds of development plan reviews for compliance and strategic growth within a rapidly developing community
- Author periodic revisions to Village Design Standards and Floodplain Regulations
- Manage FEMA Map Modernization; coordinated revised FIRMs and FIS with IDNR & ISWS

City of Crest Hill (2009-Present)

- Development review and coordination of field inspections, punch lists, and letters of credit
- Manage FEMA Map Modernization; coordinated revised FIRMs and FIS with IDNR & ISWS
- Assist Staff with various ordinance updates relating to engineering, zoning and letter of credit
- Coordinate annual updates to utility atlases and zoning map
- Assist city staff with management of grant and loan funds

Village of Tinley Park (2020-Present)

- Development review and coordination; Assist with development agreements

Village of Homer Glen (2003-2012, 2022-Present)

- Reviewed over three dozen development plans for compliance and strategic growth within a newly developing and environmentally conscious community
- Regularly attended Plan Commission and Village Board meetings to present review status and answer questions from Village officials
- Assisted in writing Water Resource Management Ordinance, Conservation Design Ordinance and Right-of-Way Ordinance

Contact

Phone (815) 412-2702
Fax (815) 806-0301
Email dwest@reltd.com

Education

Bachelor of Science with Honors
Civil Engineering
Valparaiso University

Professional Registrations

Professional Engineer
Illinois

Professional Certifications

Certified Floodplain Manager (CFM)

Certified Professional in Erosion and Sediment Control (CPESC)

Professional Affiliations

Illinois Association for Floodplain and Stormwater Management (IAFSM)

International Erosion Control Association (IECA)

Employment History

Robinson Engineering, Ltd.
2002-Present

Susan Quasney, CFM

Project Engineer

Ms. Quasney joined Robinson Engineering in 2022, continuing her career in Civil Engineering. She has a broad range of experience with public agency infrastructure and utility projects with an emphasis on stormwater management. Ms. Quasney has worked in both the public and private sectors, and has a clear understanding of the needs and challenges of municipalities that allow her to serve Robinson clients to the highest standards.

Development Reviews

Performed reviews for several hundred properties located in 17 municipalities and six counties since late 2022. Reviews include plans, stormwater reports, specifications, erosion control and SWPPP plans, engineering cost estimates, and outside agency permitting adherence; as-builts for compliance to design plans; attendance and support during plan commission meetings; and coordination with internal team, developer's team, and client contacts. Performed single lot and subdivision reviews for commercial, industrial, and residential properties, including FEMA floodplain and wetlands.

Municipal Support Services

City of Crest Hill

Project manager for collection and management of City GIS data

NPDES Compliance Assistance

Town of St. John, Indiana

Revise the Town's MS4 program in accordance with new Indiana permitting regulations. Develop short- and long-term strategies for managing assets; develop required documentation and assist with required ordinance modifications.

City of Crest Hill

Perform MS4 outfall inspections and prepare wastewater treatment plant CMOM

Village of Lansing Airport

Prepare NPDES Industrial Permit annual report

MS4 Program Guidance and Documentation Preparation

Prepare MS4 Annual Reports, NOIs, and SWMP documentation, provide support for audits, and other general MS4 supportfor more than a dozen communities

Robinson University (Internal and External Training)

- Internal training in residential drainage investigations and SWPPPs/Erosion control plans
- Develop a series of four NPDES MS4 training classes for municipal clients
- Provide annual MS4 training for municipal staff
- Present new permit requirements for the recently released 2025 MS4 permit

Grant Preparation

- OSLAD grant for park improvements within the Village of Lansing
- EPA Community Change Grant for the Village of University Park, City of Michigan City, IN and Lake County, IN
- Boat Access Area Grant for the Village of Worth

Contact

Phone (815) 412-2024
Fax (815) 806-0301
Email susan.quasney@reltd.com

Education

Bachelor of Arts, Kenyon College
1987

Bachelor of Science in Civil Engineering, Purdue University
1990

MPA, Northern Illinois University
2012

Certifications

Certified Floodplain Manager

EIT

Employment History

Robinson Engineering, Ltd.
2022-Present

Village of Oswego
2019-2022

Village of Downers Grove
2011-2019

Montessori School of Lisle
2003-2006

Envirodyne Engineers/CTE Engineers
1991-1997

Emily R. Bergner, PE, CFM

Engineer

With 23 years of experience. Ms. Bergner has been involved with stormwater master planning, permitting, drainage studies, and design of storm drainage systems. She also assisted with water/wastewater engineering including water system master plans and modeling.

Ms. Bergner joined our Robinson team with experience in hydrologic and hydraulic modeling using software including HEC-RAS, XPSWMM, HEC-HMS, TR-20, HY-8, and Bentley StormCAD. Additional skills include design with Microstation, AutoCAD and ArcGIS. She brings a high skill set to Robinson and is efficient in providing high quality service to municipalities.

Project Experience

- Permit Review Services, Villages of Tinley Park, Frankfort, Oswego, Braidwood, 2022-present. Reviewed stormwater and floodplain aspects of development plans.
- Permit review services, Village of Itasca, 2024. Reviewed development plans for Village.
- Thornridge High School Sports Fields Redesign, Dolton, 2023. Designed new drainage system and detention for high school ball fields.
- Independence Hill Subdivision Drainage Redesign, Merrillville, IN, 2024. Designed new drainage system for 100-home subdivision.
- Flood Study, Gilberts Glen Subdivision, Gilberts, IL, 2022. Study to evaluate and solve flooding problem along roadways and detention basin in 50-year old subdivision.
- Permit Review Services, Baxter & Woodman/Cook County Highway Department, 2014-present. Reviewed development plans with regards to floodplain, stormwater, and general county issues.
- Tri County Access Corridor Planning, 2018-2019. Evaluate impacts of planned roadway in northern Illinois in regards to floodplain and drainage issues. Used and produced GIS products.
- IDOT Districts 4 & 8 Bridge Hydraulic and Scour Evaluation, 2013-2014. Conducted field investigations, created hydraulic models, prepared scour reports, and prepared contract plans for scour countermeasures for five scour critical IDOT bridges in IDOT District 8 (Clinton, Greene, Madison and Washington counties) and three scour critical IDOT bridges in IDOT District 4 (Knox and Tazewell counties).
- IDOT I-94/I-57 Drainage System and Pump Station Modeling, 2019-2022
  Modeled existing and proposed drainage system along I-94 and I-57, including three IDOT pumping stations, using XP-SWMM software.
- O'Hare Wastewater Monitoring and Reporting, Fehr Solutions/City of Chicago, 2013-2022. Compile flow and water quality data for O'Hare wastewater twice yearly, and prepare yearly reporting documentation for MWRD.
- NPDES Phase II Municipal Assistance, 2008-2009. Assisted 6 Chicago area municipalities in developing programs to meet NPDES Phase II requirements including Stormwater Management Plans.

Contact

Phone (815) 412-2726
Fax (815) 806-0301
Email emily.bergner@reltd.com

Education

Bachelor of Science, Civil Engineering
University of Illinois at Urbana-Champaign
2000

Master of Science,
Environmental Engineering
University of Illinois at Urbana-Champaign
2002

Professional Registrations

Registered Professional Engineer
Illinois

Certifications

Certified Floodplain Manager (CFM), Illinois

Employment History

Robinson Engineering, Ltd.
2022-Present

FLUIDCLARITY, LTD.
2010-2022

Baxter & Woodman, Inc,
2002-2009

Western Springs



REQUEST FOR QUALIFICATIONS

PROFFESSIONAL ENGINEERING SERVICES

JUNE 22, 2026
9:00 AM



SUBMITTED BY:

thomas engineering group
service at the highest grade®



June 22, 2026

Diana Puga
Municipal Services Coordinator
Village of Western Springs
740 Hillgrove Ave
Western Springs, IL 60558

thomas engineering group
service at the highest grade®
2625 Butterfield Road
Suite 209W
Oak Brook, IL 60523

RE: RFQ: Additional Consulting Engineers and Engineering Firms to Provide Professional Engineering Services

Dear Ms. Puga,

Thomas Engineering Group, LLC (TEG) is pleased to submit our Letter of Interest and Statement of Qualifications to provide professional engineering services to the Village of Western Springs. We appreciate the opportunity to be considered as one of the additional firms selected to support the Village's Engineering Services Department, Municipal Services Department, and Village Manager's office with future capital and infrastructure assignments.

Western Springs is entering an important period of infrastructure investment following approval of the $45 million referendum for roadway, storm sewer, sanitary sewer, and water system improvements. We understand that the Village is seeking more than technical expertise. It needs responsive engineering partners that can assist staff in planning, designing, bidding, inspecting, documenting, and closing out projects while protecting public funds and maintaining clear communication with residents, businesses, elected officials, regulatory agencies, and other stakeholders.

TEG is well suited to support that responsibility. For more than 18 years, our firm has provided planning, design, construction engineering, municipal engineering, drainage, transportation, and in-house surveying services exclusively to public agencies. Our Municipal, Transportation, Construction, and Survey departments regularly work together on roadway reconstruction, resurfacing, water main, sanitary sewer, storm sewer, drainage, MFT, grant-funded, development review, utility permit, and general municipal engineering assignments. This structure allows us to support projects from initial investigation and field survey through final design, permitting, bidding, construction observation, documentation, and record drawings.

Our approach aligns with the priorities identified in the Village's FY2026 budget, including maintaining high-quality and cost-effective services, implementing the Capital Improvement Plan, identifying efficiencies, strengthening economic vitality, improving communication, and maintaining, rebuilding, and enhancing infrastructure without compromising the Village's strong financial position. We recognize that these projects are supported by residents and taxpayers, and that each assignment must be scoped carefully, designed practically, constructed efficiently, and documented completely.

Kevin VanDeWoestyne, PE, ENV SP, Principal and Municipal Department Head, will serve as TEG's primary client representative and first point of contact for Village staff. Kevin has over 23 years of experience delivering locally and federally funded municipal roadway, water, sewer, stormwater, pedestrian, and related capital improvements. He will coordinate the appropriate TEG personnel for each assignment and will remain accountable for responsiveness, schedule, quality, and communication throughout the duration of the work.

Thomas E. Gill, III, PE, President, is authorized to contractually obligate Thomas Engineering Group, LLC. The requested respondent information is provided below:

Respondent: Thomas Engineering Group, LLC

Address: 2625 Butterfield Road, Suite 209W, Oak Brook, Illinois 60523

Telephone: (855) 533.1700

Federal Tax Identification Number: 26-1722938

Authorized Representative:

Thomas E. Gill, III, PE

President

2625 Butterfield Road, Suite 209W

Oak Brook, Illinois 60523

Telephone: (708) 533-1700

Fax: N/A

Email: tomg@thomas-engineering.com

Primary Client Representative:

Kevin VanDeWoestyne, PE, ENV SP

Principal and Municipal Department Head

762 Shoreline Drive, Suite 200

Aurora, Illinois 60504

Telephone: (847) 815-9500

Fax: N/A

Email: kevinv@thomas-engineering.com

Enclosed is TEG's Statement of Qualifications, which provides the information requested by the Village, including our understanding of the potential services, relevant municipal experience, specialized knowledge, project examples, capacity, references, key personnel, assignment chart, professional qualifications, and firm resume.

TEG would welcome the opportunity to serve as an extension of Village staff and help Western Springs deliver its capital program with responsive service, sound engineering judgment, accurate cost and schedule management, clear communication, and accountability from project initiation through closeout. Thank you for your consideration. Please contact me at (708)533-1700 or tomg@thomas-engineering.com with any questions regarding our submission.

Sincerely,

thomas engineering group, llc



Thomas E. Gill, PE
President

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A. UNDERSTANDING OF THE SCOPE OF WORK AND TERMS OF ASSIGNMENT

Thomas Engineering Group, LLC (TEG) understands that the Village of Western Springs is seeking to add qualified professional engineering firms to its existing roster to support future capital, infrastructure, and general municipal engineering assignments. The Village may select one or more firms for individual assignments based on the specific needs of each project, the firm's area of expertise, staff availability, and overall fit.

Potential assignments may include, but are not limited to, pre-design investigations; surveying; roadway, water, sanitary sewer, storm sewer, drainage, and other infrastructure design; preparation of plans, specifications, and construction cost estimates; bidding and award assistance; construction staking and observation; review of submittals, shop drawings, requests for information, change orders, and contractor payment requests; final inspections; record drawings; development plan review; utility right-of-way permit review; grant application and administration assistance; drainage investigations; and general municipal engineering support.

TEG also understands that assignments will be authorized individually through letter proposals or formal written agreements. The scope, schedule, staffing, compensation method, and fee for each assignment will be mutually agreed upon before work begins. Compensation may be based on hourly rates, a not-to-exceed fee, or a fixed project fee, as appropriate for the assignment and acceptable to the Village.

TEG recognizes that the Village is implementing a significant infrastructure program supported by the voter-approved referendum and other local, state, and federal funding sources. Our role will be to serve as a responsive extension of Village staff and help advance projects efficiently while protecting public funds, maintaining quality, meeting regulatory and funding requirements, and communicating clearly with Village staff, residents, businesses, elected officials, utilities, and outside agencies.

B. STATE LICENSING CERTIFICATION

Thomas Engineering Group, LLC certifies that the firm is properly licensed and authorized to provide professional engineering services in the State of Illinois.

TEG further certifies that professional services requiring licensure will be performed under the responsible charge of appropriately licensed Illinois professional engineers and, where applicable, an Illinois professional land surveyor.

C. CERTIFICATION REGARDING SUBSTANDARD WORK

Thomas Engineering Group, LLC certifies that it has not had a record of substandard work within the past five years.

TEG is committed to providing professional services consistent with the degree of care and skill ordinarily exercised by members of the same profession practicing under similar circumstances. The firm maintains internal quality assurance and quality control procedures appropriate to the size, complexity, and requirements of each assignment.

D. CERTIFICATION REGARDING UNETHICAL PRACTICES

Thomas Engineering Group, LLC certifies that it has not engaged in unethical practices within the past five years.

TEG conducts its business in accordance with applicable professional standards, licensing requirements, laws, regulations, and ethical obligations. Our firm is committed to honesty, accountability, transparency, and the responsible stewardship of public funds.

E. RESPONSIBILITY FOR THE CONTRACT

If selected and awarded an assignment, Thomas Engineering Group, LLC acknowledges and accepts responsibility for the performance of the services included in its agreement with the Village of Western Springs.

TEG also acknowledges its responsibility for the coordination, management, and payment of any approved subconsultants or independent contractors retained by TEG for an assignment, unless otherwise expressly provided in the applicable agreement.

F. ADDITIONAL INFORMATION

TEG provides planning, design, municipal engineering, transportation engineering, construction engineering, drainage and stormwater engineering, and surveying services to public agencies throughout northeastern Illinois.

Our multidisciplinary structure allows TEG to support assignments throughout the full project life cycle, including preliminary investigation, survey, funding coordination, design, permitting, bidding, construction engineering, documentation, and closeout. Our in-house survey group is led by an Illinois-licensed Professional Engineer and Professional Land Surveyor, allowing TEG to respond promptly when field verification, construction layout, easement preparation, record surveys, or other survey services are required.

TEG is also experienced in locally funded, Motor Fuel Tax-funded, state-funded, and federally funded infrastructure projects. Our staff includes professionals experienced with IDOT requirements, grant coordination, construction documentation, materials coordination, project scheduling, utility coordination, public communication, and construction closeout.

TEG has the capacity to support multiple concurrent Village assignments and will assign personnel based on the specific needs, schedule, complexity, and technical requirements of each project. Senior leadership will remain engaged in each assignment to provide accountability, quality control, and timely resolution of issues.

G. AUTHORIZED SIGNATURE

The undersigned certifies that the information contained in this Statement of Qualifications is true and correct to the best of his knowledge and that he is authorized to provide this information and bind Thomas Engineering Group, LLC.

Thomas Engineering Group, LLC agrees that, if selected, it will perform authorized assignments in accordance with mutually agreed-upon scopes, schedules, fees, and professional services agreements.

Thomas Engineering Group, LLC



Thomas E. Gill, III, PE
President
Date: 06/22/2026

H. PRIMARY CLIENT REPRESENTATIVE

Kevin VanDeWoestyne, PE, ENV SP
Principal and Municipal Department Head
Thomas Engineering Group, LLC
2625 Butterfield Road, Suite 209W
Oak Brook, Illinois 60523
Telephone: (847) 815-9500
Email: kevinv@thomas-engineering.com

Kevin VanDeWoestyne, PE, ENV SP will serve as TEG's primary client representative and first point of contact for the Village of Western Springs. Kevin will coordinate project assignments, confirm the appropriate staffing and technical resources, monitor responsiveness and schedule, and maintain regular communication with Village staff.

Kevin has more than 23 years of experience providing municipal engineering services for locally and federally funded roadway, water main, sanitary sewer, storm sewer, drainage, pedestrian, and other public infrastructure projects. He will be supported by TEG's Municipal, Transportation, Construction, and Survey department leaders and will assign the most qualified personnel for each Village-authorized assignment.

RELEVANT EXPERIENCE AND PROJECT EXAMPLES

FIRM OFFICERS

President:
Thomas Gill, PE
tomg@thomas
-engineering.com
(708) 533-1700

Principal/Construction Department Head:
Gregory Benske
gregb@thomas
-engineering.com
(847) 847-6181

Principal/Municipal Department Head:
Kevin VanDeWoestyne
PE, ENV SP
kevinv@thomas
-engineering.com
(847) 815-9500

Transportation Department Head:
Curtis Cornwell
PE, PTOE
curtisc@thomas
-engineering.com
(773) 251-7938

Survey Department Head:
Christopher DeYoung
PE, PLS
chrisd@thomas
-engineering.com
(708) 254-2948

OFFICE LOCATIONS

238 S. Kenilworth Avenue
Suite 100
Oak Park, IL 60302

762 Shoreline Drive
Suite 200
Aurora, IL 60504

2625 Butterfield Road
Suite 209W
Oak Brook, IL 60523

Thomas Engineering Group, LLC (TEG) is a professional engineering firm providing construction engineering, municipal engineering, transportation, and survey services to public sector clients. Founded in West Suburban Cook County (Oak Park), with branch offices in Aurora and Oak Brook, TEG is a Small Business Enterprise founded in 2008 and still owned and led by its original founders: Thomas Gill, PE, President; Greg Benske, Principal; and Kevin VanDeWoestyne, PE, Principal.

With the original founders still leading the company, clients have direct access to the owners who built the firm, established its standards, and remain accountable for its performance. Over the past 18 years, TEG has grown to more than 50 professionals across four departments: Municipal, Construction, Transportation, and Survey. Our growth has come through trust, repeat clients, and consistent service, not mergers, acquisitions, private equity, or outside ownership.

TEG has extensive experience with MFT and federally funded local agency projects and is well-versed in IDOT Bureau of Local Roads and Streets procedures, including construction oversight, documentation, pay estimates, change orders, materials coordination, and closeout requirements. We also have the capacity to commit the proposed team to this project. Based on our projected backlog, TEG anticipates approximately $5 million in available capacity for 2027, supported by in-house municipal, transportation, construction, and survey staff.

Our approach is centered on collaboration, trust, and practical problem-solving. We take an ownership approach to every project, considering schedule, cost, site conditions, access needs, utilities, and construction impacts so our clients receive responsive service, sound field judgment, and dependable Phase III delivery.

At TEG, we are committed to service, responsiveness, and value, fostering long-term partnerships that drive progress and elevate communities. We bring the same level of expertise, innovation, and dedication that has defined our success for over a decade, ensuring that every project we undertake—whether in Phase II design or Phase III construction oversight—meets the highest standards of quality, efficiency, and stakeholder alignment.

STAFF QUALIFICATIONS: *LICENSES AND CERTIFICATIONS*

18	IL Licensed Professional Engineers	PE
5	Licensed Drone Pilots	
3	Qualified Construction Stormwater Inspectors	QCSI
3	Professional Traffic Operations Engineers	PTOE
2	Certified Floodplain Managers	CFM
2	Road Safety Professionals	RSP
1	Qualified MS4 LID/Green Infrastructure Inspector	QLIDI
1	IL Licensed Professional Land Surveyor	PLS
1	Envision Sustainability Professional	ENV SP
1	ISA Certified Arborist	

CLIENT LIST

CLIENTS THAT TEG HAS SERVED THROUGH A PRIME CONTRACT

Village of Addison ◆
Village of Arlington Heights
City of Aurora ±
Village of Bensenville ◆
City of Berwyn
Brookfield Zoo
Village of Burr Ridge ±
Village of Carol Stream ◆
Village of Channahon ±
City of Chicago ◆
Chicago Transit Authority ◆
Village of Deerfield
City of Des Plaines
DuPage County Division of Transportation ±
City of Elgin
City of Evanston ◆
FHWA
Village of Fox Lake
Village of Glen Ellyn
Hanover Township ±
City of Hickory Hills
City of Highland Park ± ◆
Village of Hoffman Estates ◆
Village of Indian Head Park ±
Illinois Department of Transportation
City of Joliet ◆
Kane County Division of Transportation
City of Lake Forest
Village of La Grange
Village of Lisle
City of Lockport ±
Village of Lombard ± ◆
Village of Mount Prospect
City of Naperville ◆
Village of Niles
Village of Northbrook
Village of Oak Brook ◆
Village of Oak Park
Village of Orland Park ± ◆
Village of Oswego
Village of Riverside
Village of River Forest ±
Village of Riverwoods
City of Rolling Meadows ◆
Village of Schaumburg ◆
Village of South Elgin
City of St. Charles ±
Village of Vernon Hills
Village of Villa Park ◆
City of Warrenville ◆
City of West Chicago ±
Village of Westmont ◆
City of Wheaton ±
Village of Wheeling
Village of Wilmette
Winfield Township ±
Will County Department of Transportation
City of Wood Dale ± ◆
Village of Woodridge ◆

± ON-CALL ENGINEERING SUPPORT SERVICES
◆ ENGINEERING CONSULTANT SHORTLIST

SUBCONSULTANTS

Huff & Huff, Inc., a subsidiary of GZA GeoEnvironmental, Inc., is a multidisciplinary environmental consulting and engineering firm providing environmental, ecological, water resources, and natural resource services to public- and private-sector clients. The firm partners with communities, agencies, and project teams to deliver sustainable, science-based solutions that support infrastructure development, environmental stewardship, and long-term resilience.

Established in 2009, **Rubino Engineering, Inc. (Rubino)** specializes in providing geotechnical engineering throughout Northern Illinois and the Greater Chicago area. Rubino has extensive experience performing Geotechnical Engineering services on local, county, and IDOT roadway projects in accordance with the IDOT Geotechnical Manual and the IDOT Subgrade Stability Manual. Michelle Lipinski, PE and her team can provide geotechnical engineering assistance as needed.

WATER MAIN ENGINEERING

Below is a representative list of recent water main projects that have been managed and/or designed by our team of professionals. Additional projects of each of the TEG project team members can be found in their resumes included as part of this proposal. In addition, a more extensive list of project experience and details are available upon request.

PROJECT	CLIENT INFORMATION	WATER MAIN LENGTH	*Replacement*	*Rehabilitation*	*IEPA State Revolving Fund Public Water Supply Loan Program*
St. John Neighborhood Street	City of Elgin | Mike Pubentz | (847) 931-5968 | mike.pubentz@elginil.gov	3,960 feet (.75 miles)	X	X	X
Sophia Street Area Water Main	City of West Chicago | Mehul Patel | (630) 293-2255 | mpatel@westchicago.org	3,800 feet (0.72 miles)	X		X
IL Route 64 Utility Relocation		8,200 feet (1.6 miles)	X		
IL Route 38 Water Main Relocation		745 feet (0.1 miles)	X		X
Bishop Street & Brown Street Water Main		1,400 feet (0.27 miles)	X		X
Water Main Replacement	City of Wheaton | Sarang Lagvankar | (630) 260-2067 | slagvankar@wheaton.il.us	5,800 feet (1.1 miles)	X		X
Annual Water Main Replacement	Village of Burr Ridge | David Preissig | (630) 323-4733 | dpreissig@burr-ridge.gov	2,928 feet (0.55 miles)	X		X
Woodview Estates Water Main Replacement		5,567 feet (1.05 miles)	X		X
Schmale Road Water Main	Village of Carol Stream | Adam Frederick | (630) 871-6220 | afrederick@carolstream.org	7,500 feet (1.4 miles)	X	X	X
Roosevelt Road Water Main Lining	Village of Lombard | Carl Goldsmith | 630) 620-5740 | goldsmithc@villageoflombard.org	16,000 feet (3.0 miles)		X	
2022 Water Main Replacement Project	Village of Mount Prospect | Casey Botterman | (847) 870-5640 | cbotterman@mountprospect.org	12,000 feet (2.3 miles)	X		X
Water Main Projects	Village of Oak Brook | Tim O'Malley | (630) 368-5276 | tomalley@oak-brook.org	12,000 feet (2.3 miles)	X		X
Annual Water Main Replacement	Village of River Forest | Bill Koclanis | (708) 714-3550 | bkoclanis@vrf.us	2,250 feet (0.43 miles)	X		
Water Supply Improvement Project	Morton Grove-Niles Water Commission | William Balling | (847) 863-7101 | bill@wrbllc.com	50,000 feet (9.5 miles)	X	X	

ROADWAY ENGINEERING

PROJECT	CLIENT INFORMATION	CONSTRUCTION COST (MILLIONS)	*Intersection and Roadway*	*Traffic Signal Installation*	*Stormwater Improvements*	*Bridge Reconstruction and Rehabilitation*	*Multi-Use Path Improvements*	*IDOT Documentation*
Kautz Road Multi-Use Path	City of Aurora Tim Weidner (630) 256-3202 weidnert@aurora.il.us	$0.5			X		X	X
Resurfacing Program		$4.5	X	X			X	X
Noisewall Improvements		$4.5					X	X
Indian Trail Resurfacing		$3.8	X	X			X	X
Development Inspection		$20.0	X	X	X		X	X
Addison Creek CDBG Storm Sewer Improvements	Village of Bensenville Joseph Caracci (630) 350-3435 jcaracci@bensenville.il.us	$2.5			X			
Browngate Subdivision Improvements		$1.9	X		X			X
Spruce Avenue Improvements		$4.0	X	X	X		X	X
Diehl Road Resurfacing	DuPage County Stephen Travia (630) 407-6910 Stephen.Travia@dupagecounty.gov	$0.5	X	X	X			X
County-Wide Resurfacing		$6.0	X	X	X		X	X
Naperville Road Reconstruction		$9.0	X	X	X		X	X
Roadway Program	Hanover Township Caleb Hanson (630) 837-0301 chanson@hanover-township.org	$3.0	X		X		X	X
Tiknis Campus Expansion		$1.1	X		X		X	
Oakton Street Bridge Reconstruction	Illinois Department of Transportation Chris Haydel (847) 705-4260 christopher.haydel@illinois.gov	$20.0	X	X	X	X	X	X
Various Highways and Bridges Phase I		$50.0	X	X	X	X	X	X
Various Highways and Bridges Phase II		$30.0	X	X	X	X	X	X
Various Highways and Bridges Phase III		$20.0	X	X	X	X	X	X

ROADWAY ENGINEERING

PROJECT	CLIENT INFORMATION	CONSTRUCTION COST (MILLIONS)	*Intersection and Roadway*	*Traffic Signal Installation*	*Stormwater Improvements*	*Bridge Reconstruction and Rehabilitation*	*Multi-Use Path Improvements*	*IDOT Documentation*
Longmeadow Parkway Fox River Bridge	Kane County Department of Transportation Dave Boesch (630) 584-1170 boeschdavid@co.kane.il.us	$25.0	X		X	X	X	X
Randall Road Bridge Replacement		$3.0	X	X	X	X		X
Kirk Road & Fabyan Parkway Recon		$8.0	X	X	X	X		X
Deerpath Road Streetscape	City of Lake Forest James Lockefeer (847) 810-3542 lockefej@cityoflakeforest.com	$3.7	X		X		X	X
Bank Lane Streetscape		$0.8	X		X		X	X
Green Bay Road Improvements		$2.0	X		X		X	X
Main Street Reconstruction & Widening	Village of Lombard Carl Goldsmith (630) 620-5740 goldsmithc@villageoflombard.org	$7.0	X	X	X		X	X
Westmore/Meyers Road Rehabilitation		$4.0	X	X	X			X
Downtown Streetscape		$4.0	X	X	X		X	X
Great Western Trail Bridges		$4.5	X		X	X	X	X
Highland Avenue Sewer Separation Improvements		$1.5	X		X			
Lombard Meadows Reconstruction		$3.7	X		X		X	X
75th and Washington Reconstruction	City of Naperville Matthew Calpin (630) 305-3430 calpinm@naperville.il.us	$25.0	X	X	X	X	X	X
87th Street Resurfacing		$1.0	X					X
Julian Street Improvements		$3.1	X		X			
Sylvan Circle and E. Porter Avenue Reconstruction		$4.5	X		X			
Washington Street Bridge		$2.2	X	X	X	X	X	X

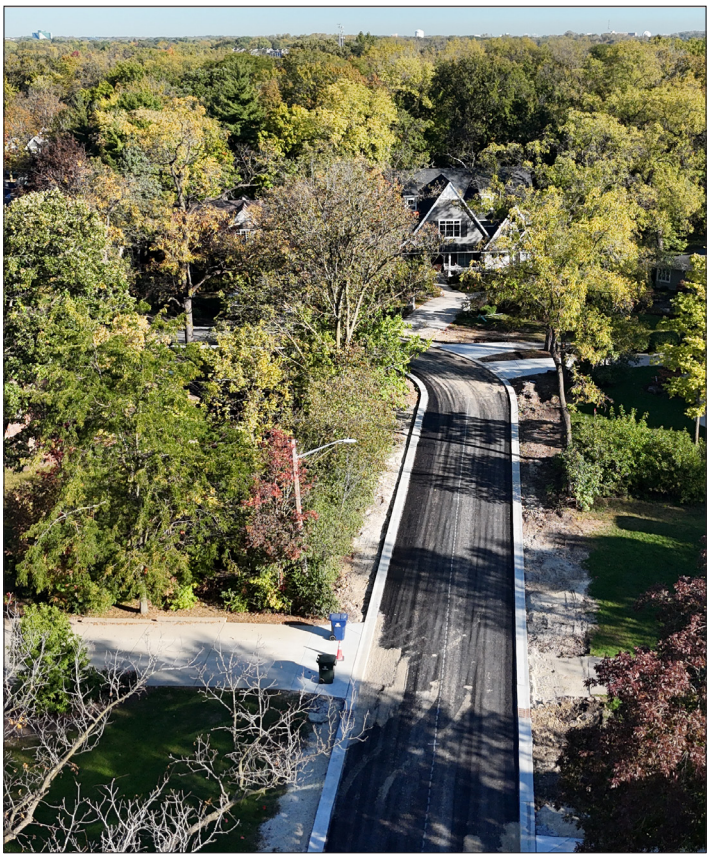
ROADWAY ENGINEERING

PROJECT	CLIENT INFORMATION	CONSTRUCTION COST (MILLIONS)	*Intersection and Roadway*	*Traffic Signal Installation*	*Stormwater Improvements*	*Bridge Reconstruction and Rehabilitation*	*Multi-Use Path Improvements*	*IDOT Documentation*
Bode Road Resurfacing	Village of Schaumburg Scott Shirley (224) 995-3016 sshirley@schaumburg.com	$1.7	X	X			X	X
Meacham Streetscape		$2.0	X	X	X		X	X
National Parkway		$4.0	X	X	X		X	X
Springinsguth Road Improvements		$4.1	X	X	X		X	X
Knollwood Drive Improvements		$5.0	X	X	X		X	X
General Services	City of West Chicago Mehul Patel (630) 293-2255 mpatel@westchicago.org	$90.0	X	X	X	X	X	X
Hawthorne Avenue Reconstruction		$14.0	X	X	X	X	X	X
Washington St. Reconstruction		$1.1	X	X	X			X
Harvester Road Reconstruction		$3.9	X		X			X
Nuclear Drive and Northwest Avenue Reconstruction		$3.0	X		X		X	X
CBD Alley Reconstruction Program	Village of Westmont Amy Ries (630) 981-6289 aries@westmont.il.gov	$10.0			X			X
Des Moines Street		$2.1	X	X	X		X	X
Burlington Avenue Realignment		$3.7	X	X	X		X	X
Gary Avenue Reconstruction	City of Wheaton Sarang Lagvankar (630) 260-2067 slagvankar@wheaton.il.us	$4.1	X	X	X	X	X	X
Blanchard Street & President Street		$2.0	X	X	X		X	X
Bridge Inspection		$2.0				X		X
Old Glenview Road Resurfacing	Village of Wilmette Ron Milanesio (847)853-7628 milanesior@wilmette.com	$1.2	X					X
CIP Survey		$1.5	X					X
Construction Inspection		$4.0	X	X	X	X	X	X
Roadway Rehabilitation Program	City of Wood Dale Alan Lange (630) 787-3761 alanlange@wooddale.com	$30.0	X	X	X		X	X
Salt Creek Greenway Bridge		$1.0	X		X	X	X	X

Sylvan Circle & E. Porter Avenue Roadway Improvements

CITY OF NAPERVILLE

PHASE I/II/III







PROJECT DESCRIPTION

The City of Naperville Water/Wastewater Department identified the need to upgrade the 75-year-old existing watermain along Sylvan Circle and E. Porter Avenue. They partnered with the City's Transportation, Engineering, and Development Department to provide comprehensive upgrades to the neighborhood. TEG performed Phase 1 and Phase 2 design services for these improvements, which included 3,000 feet of roadway replacement, a new looped water main system, sanitary manhole and sewer replacement, and the addition of a drainage system.

The existing roadway did not meet current City standards and the project included extensive public outreach to gauge residents' interest in street width, adding curb & gutter, and adding sidewalks. TEG's in-house arborist and construction management expertise were critical to designing the improvements with the least impact on the neighborhood and establishing realistic expectations of the residents. The expedited design was completed in less than 9 months.

The scope of the Phase III project included a complete roadway reconstruction of Sylvan Circle and E. Porter, along with the replacement of the existing watermain and existing sanitary sewer. As part of the roadway reconstruction, these local roads were upgraded to City standards, incorporating storm sewer and curb & gutter to alleviate localized flooding caused by the previous ditch drainage. Residential driveway access was maintained throughout the duration of the project.

CLIENT INFORMATION

Matthew Calpin, PE
Project Engineer
City of Naperville
400 S. Eagle Street
Naperville, IL 60540
(630) 305-3430
calpinm@naperville.il.us

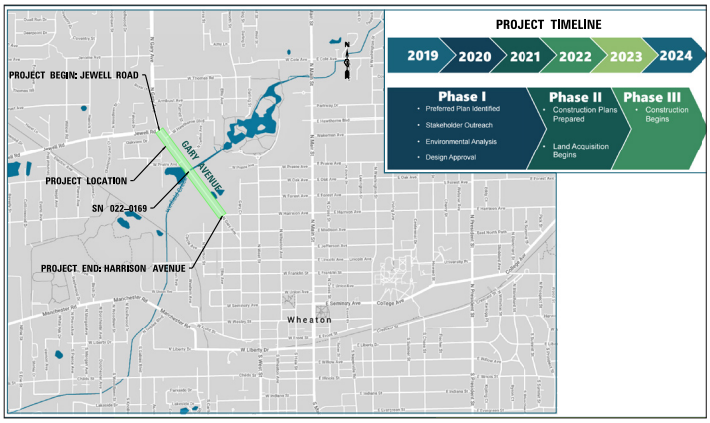
PROJECT INFORMATION

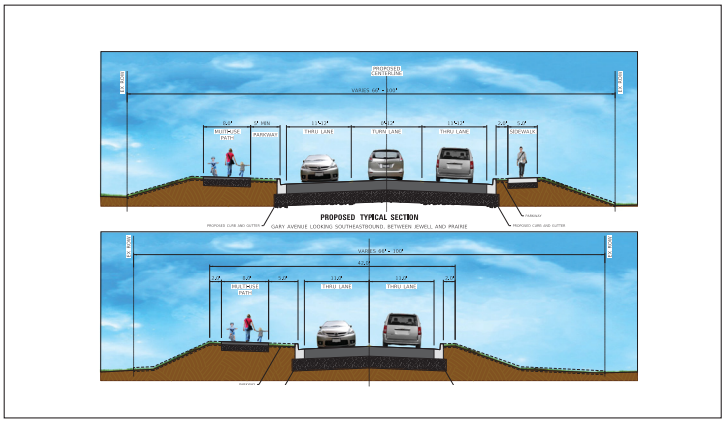
Date
04/2023 - 11/2024

thomas engineering group
service at the highest grade®

Gary Avenue Reconstruction

CITY OF WHEATON
PHASE I/II/III









PROJECT DESCRIPTION

TEG completed Phase I engineering, Phase II design engineering, and Phase III construction management for roadway improvements on Gary Avenue from Jewell Road to Harrison Avenue. The project included full-depth pavement reconstruction, conversion to a 3-lane cross section for the northern portion of the corridor, and a traffic signal installation program that included signal warrant analysis, capacity analysis, and preparation of an Intersection Design Study. Additional improvements included extending an existing triple-cell box culvert, construction of a new off-street multi-use path, installation of curb and gutter to replace shoulders, drainage and storm sewer design, and evaluation of potential impacts to wetlands and floodplains.

Two intersections within the project limits were evaluated for traffic operations and safety improvements. Alternatives considered included roundabouts, all-way stop control, and signalized intersection control. Gary Avenue at Prairie Avenue was recommended for a new traffic signal installation based on the capacity analysis, signal warrants, and a supporting benefit-cost analysis. The study determined that maintaining the existing all-way stop control at Gary Avenue and Harrison Avenue was the preferred alternative after considering operational performance, economic impacts, and effects on adjacent property owners.

CLIENT INFORMATION

Sarang Lagvankar, PE
Senior Project Engineer
City of Wheaton
303 W Wesley Street
Wheaton, IL 60187
(630) 260-2067
slagvankar@wheaton.il.us

PROJECT INFORMATION

Dates
08/2019 – 06/2026
Phase III: FY2025

During Phase II, TEG advanced the preferred alternative into final design documents. Key elements included integrating the off-street multi-use path, transitioning portions of the corridor to an enclosed drainage system, and designing the new traffic signal at Prairie Avenue with added left-turn channelization. The Phase I and II effort included extensive coordination with City staff and multiple stakeholders and agencies. In Phase III, TEG provided construction management services to support successful delivery of the improvements, including field oversight, contractor coordination, documentation and pay estimate support, schedule and staging coordination, and closeout deliverables to maintain quality, safety, and timely completion.

Naperville

January 16, 2025

To Whom It May Concern,

The City of Naperville's water utility department had identified the aging watermain infrastructure along Sylvan Circle and E. Porter Avenue as a system needing full replacement and looping to aide future maintenance. The City's Transportation and Engineering department saw this as a great opportunity to cooperate by including much needed roadway improvements within this rural-esque neighborhood due to the watermain replacement already impacting large portions of the existing roadway.

Thomas Engineering was selected to perform the perform the Phase 1 & 2 Engineering, and later chosen to perform Phase 3 Construction Engineering as well, for the Sylvan Circle Watermain and Roadway Improvements project in the City of Naperville.

The Phase 1 & 2 Engineering required extensive public involvement as the neighborhood includes many long-time residents who appreciate the rural feeling and wooded nature while being so close to downtown area, which is a luxury many other neighborhoods can't offer. Mary Cave, Vince Micek, and Stephen VanDeveer from Thomas Engineering assisted the City in holding 3 public involvement meetings, where the public input was heavily incorporated into the final engineering plans. Items for consideration at each public meeting included typical roadway section, roadway realignment, type of curbing, installation of sidewalk, area of impact and tree preservation, among others. The professionalism and personal attention provided to each resident from the Thomas Engineering team was second to none. During these public involvement meetings, the residents began to form relationships with the Thomas Engineering staff which carried on through the construction phase.

Stephen VanDeveer, Resident Engineer, and Joseph Lynch, Inspector, were on the job site throughout the duration of construction and went above and beyond in all aspects to coordinate between the City, Contractor, Sub-Contractors, and residents. The public involvement from the engineering phase of the project carried over ten-fold throughout the construction phase as the many residents had very detailed and specific requests regarding impacts to their property frontages and overall neighborhood. Stephen and Joe again were very professional and polite in representing the City while working to address each question/concern to the best of their ability.

The project was completed on-time and under budget and was largely due to the well-prepared engineering plans and field support/coordination from concept all the way through final punchlist items. We here at the City of Naperville can't recommend Thomas Engineering enough!

Sincerely,

Matt Calpin, P.E.
Project Engineer, Transportation, Engineering and Development Business Group

CITY OF
WHEATON
Illinois

ENGINEERING DEPARTMENT
303 W WESLEY STREET, WHEATON, IL, 60187
630.260.2065 | www.wheaton.il.us

January 8, 2026

To Who It May Concern:

I am pleased to provide this letter of recommendation for Thomas Engineering Group, LLC (TEG) in recognition of their planning, engineering design, and construction oversight services provided to the City of Wheaton over many years. Most recently, TEG served as the City's consultant for the Gary Avenue Phase II and Phase III Projects, as well as the Lorraine Road Resurfacing Project.

Throughout the planning and engineering design process, TEG remained highly engaged and worked closely with City staff and project stakeholders. They developed designs that were both functional and economically viable, demonstrating a strong understanding of technical requirements while remaining attentive to the City's priorities and objectives.

During construction, TEG consistently upheld the highest standards of professionalism and dedication. Their team collaborated effectively with stakeholders, municipal staff, and contractors to ensure successful project delivery, always prioritizing the best interests of the City. Both projects included federal funding, and TEG represented the City exceptionally well by navigating the project development and implementation processes in full conformance with Illinois Department of Transportation requirements.

We welcome the opportunity to continue working with Thomas Engineering Group as a valued partner in helping the City of Wheaton advance its mission and vision for the ongoing development of our community.

Sincerely,
DEPARTMENT OF ENGINEERING

Sarang A. Lagvankar, P.E.
Senior Project Engineer

Lisle™
THE ARBORETUM VILLAGE

October 10, 2025

RE: Letter of Recommendation for Thomas Engineering Group, LLC

To Whom It May Concern:

I am pleased to provide this letter of recommendation for Thomas Engineering Group, LLC (TEG) in recognition of the professional engineering services they have provided to the Village of Lisle. Since 2018, TEG has supported the Village of Lisle with Phase I and Phase II Engineering Design and Phase III Construction Engineering Services on a variety of projects. Most recently for the Village's Ohio Street/Short Street Resurfacing Project and the Burlington Avenue Reconstruction Project which utilized STP funds, secured with grant application assistance from TEG, for construction and Phase III services.

TEG truly functions as an extension of our staff, and I have the utmost trust in their ability to represent the Village professionally and effectively. They remain actively engaged, working closely with our staff and stakeholders. Their designs are both functional and cost-effective, demonstrating a strong grasp of technical requirements while aligning with the Village's goals, priorities, schedules, and budget.

Throughout construction, TEG consistently upholds the highest standards of professionalism and dedication. They collaborate effectively with all parties involved, including our staff, stakeholders, and contractors, to ensure the success of each project, always prioritizing the best interests of the Village and its residents and business owners.

It is my pleasure to recommend TEG as a reflection of the high-quality services they have provided, and continue to provide, to the Village. We would welcome the opportunity to work with them again in the future.

If you have any questions, or would like to further discuss TEG's involvement with the Village of Lisle, please feel free to contact me directly at (630) 271-4171 or via email at jelias@villageoflisle.org.

Sincerely,

Jason Elias, P.E.
Public Works Director

↓ CURRENT WORKLOAD AND CAPACITY

Thomas Engineering Group, LLC (TEG) has the staff, organizational depth, and current capacity to accept and successfully complete assignments issued by the Village of Western Springs. TEG has more than 50 professionals working from offices in Oak Park, Oak Brook, and Aurora across four coordinated departments: Municipal, Transportation, Construction, and Survey.

TEG has grown deliberately to maintain the resources needed to support both major capital projects and responsive day-to-day municipal assignments. Our current workload includes municipal roadway, water main, sanitary sewer, stormwater, transportation, surveying, and construction engineering projects throughout northeastern Illinois. These assignments are distributed among multiple project managers, engineers, resident engineers, inspectors, survey crews, and technical staff rather than concentrated with a small number of individuals.

Based on TEG's current backlog, anticipated project schedules, and available staff resources, the firm has capacity to accept Western Springs assignments during the second half of 2026 and throughout 2027 and beyond. TEG anticipates approximately $5 million in available professional services capacity for 2027, supported by in-house municipal, transportation, construction, drainage, and surveying personnel.

This available capacity is not dependent on hiring future staff. The professionals proposed for Western Springs are currently employed by TEG, live and work in the Chicagoland area, and are available to support Village assignments as they are authorized.

Capacity to Support Multiple Types of Assignments

The Village may issue assignments that vary significantly in size, duration, urgency, and technical discipline. TEG's organizational structure allows us to support several types of work concurrently, including:

- Capital improvement planning and project programming
- Roadway resurfacing and reconstruction
- Water main replacement and system improvements
- Sanitary sewer and storm sewer improvements
- Surveying and construction layout
- Drainage investigations and resident concerns
- MFT-funded improvements
- County, state, and federally funded projects
- Development plan review
- Utility right-of-way permit review
- Bidding and construction administration
- Resident engineering and construction inspection
- Grant application and administration support
- General municipal engineering assistance

Each assignment will be staffed according to its scope, schedule, complexity, and funding requirements. Smaller assignments can be addressed promptly by the appropriate technical lead, while larger or multidisciplinary projects will be supported by personnel from several TEG departments.

Because TEG provides municipal, roadway, construction, drainage, and surveying services in-house, we can adjust staffing as project demands change. The Village will not be dependent on a single project manager or outside subconsultant for routine technical support.

COMMITMENT TO WESTERN SPRINGS

TEG will not accept a Western Springs assignment unless we have the available personnel and resources to meet the agreed scope and schedule. Our objective is not to maximize the number of assignments accepted. Our objective is to accept work that we can staff responsibly and complete successfully.

The Village will receive:

- A primary liaison with authority to commit resources
- Accessible firm principals
- Dedicated project managers
- In-house municipal, roadway, construction, drainage, and survey staff
- The ability to supplement project teams as needs change
- Senior quality control and accountability
- Timely communication regarding schedule, staffing, and progress

TEG's current workload and available capacity allow us to make a meaningful commitment to Western Springs and support the Village's roadway, water, sewer, stormwater, MFT, grant-funded, and general municipal engineering needs throughout the anticipated term of the selection.

↓ UNIQUE CHARACTERISTICS RELEVANT TO TEG'S ABILITY TO COMPLETE VILLAGE ASSIGNMENTS

TEG offers a combination of continuity, principal accessibility, proven performance on complex municipal projects, and in-house technical resources that is uncommon among firms of similar size. These characteristics are directly relevant to Western Springs because the Village is seeking consultants that can respond quickly, coordinate across disciplines, manage significant infrastructure investments, and remain accountable from the beginning of an assignment through final closeout.



FOUNDERS WHO REMAIN ACCESSIBLE AND INVOLVED

After 18 years in business, TEG's original founders continue to lead the firm, remain accessible to clients, and provide direct project services. Thomas Gill, PE, Greg Benske, and Kevin VanDeWoestyne, PE, ENV SP are not removed from daily operations or limited to executive oversight. They remain engaged with clients, participate in project decisions, assist with problem solving, and are available when an issue requires senior-level attention.

This continuity gives clients direct access to the people responsible for establishing the firm's standards and commitments. Village staff do not have to navigate multiple layers of management to reach a decision-maker. When a schedule concern, funding issue, design conflict, construction problem, or public concern arises, TEG's principals can become involved quickly and help resolve it.

The same leaders who make commitments during the selection and proposal process remain accountable for carrying them out. This is particularly valuable for on-call and roster-based assignments, where the consultant relationship may extend across multiple projects and several years. Western Springs will have direct access to experienced firm leadership that understands the Village's priorities, remembers previous decisions, and remains invested in the long-term success of the capital program.

ENTRUSTED WITH CLIENTS' LARGEST AND MOST COMPLEX PROJECTS

TEG has repeatedly been entrusted by public agencies with some of their largest, most visible, and most complex infrastructure projects. These assignments often involve multiple funding sources, major roadway reconstruction, water and sewer improvements, drainage systems, traffic control, utility conflicts, public access, environmental requirements, and coordination among several agencies and stakeholders.

Clients assign this work to TEG because they know our team understands what is required to complete a project successfully. Technical ability is only one part of that responsibility. Successful delivery also requires:

- Establishing a clear and realistic scope
- Identifying project risks early
- Developing accurate budgets and schedules
- Coordinating funding and permitting requirements
- Producing plans that can be constructed
- Maintaining communication with the owner and public
- Documenting decisions and quantities carefully
- Addressing field issues without unnecessary delay
- Protecting the client's financial and operational interests
- Completing final records and closeout requirements

TEG has earned these assignments through demonstrated performance and long-term client relationships. Our team understands that a public agency's most important projects carry financial, operational, political, and community consequences. We approach them as a true partner, not simply as a consultant completing a defined technical task.

That same ownership approach applies to assignments of every size. Whether Western Springs assigns TEG a major roadway and water main reconstruction, an MFT resurfacing project, a drainage investigation, a development review, or a limited field survey, the Village will receive responsive service, senior accountability, and practical recommendations focused on successful completion.

A TRUE AND PROVEN MUNICIPAL PARTNER

TEG's public agency clients rely on us because we understand municipal engineering from the owner's perspective. We recognize that Village staff must balance technical needs with available funding, public expectations, operations, Board direction, construction schedules, and long-term maintenance.

Our role is to make those responsibilities easier to manage. We identify concerns early, provide clear recommendations, and present practical options so Village staff can make informed decisions. We do not wait for problems to become claims, delays, or public concerns before raising them. Our team works proactively to protect scope, schedule, budget, quality, and communication.

TEG also understands that successful municipal service depends on consistency. An on-call engineering firm must be able to respond to urgent issues while maintaining progress on planned capital work. It must adapt its staffing to each assignment without losing accountability or institutional knowledge. TEG's department structure and principal involvement allow us to provide that consistency across roadway, water, sewer, stormwater, transportation, construction, and survey assignments.

A LOCAL FIRM WHOSE INVESTMENT REMAINS IN THE COMMUNITIES WE SERVE

TEG is a locally owned firm, and all of our employees live and work in the Chicagoland area. The revenue generated by our projects supports local salaries, local businesses, and the communities where our employees and their families live.

Unlike firms that transfer project revenue to downstate or out-of-state offices, corporate headquarters, or executives who are removed from the communities being served, TEG's financial activity remains rooted in the Chicago region. Our ownership, leadership, employees, and offices are all local. The fees paid to TEG are reinvested in the people and resources that directly support our municipal clients.

This local structure strengthens our commitment to the communities we serve. Our employees drive the same roads, use the same public infrastructure, support local businesses, and understand the expectations of Chicagoland residents and municipalities. We are personally invested in the quality, safety, and long-term performance of the public improvements we help deliver.

This means the Village's investment in professional services supports a local team that is accessible, accountable, and committed to the region. There are no distant corporate layers and no project profits being redirected to downstate or out-of-state offices. The Village's engineering fees support the professionals who will perform the work and the local communities in which they live.

IN-HOUSE SURVEYING LED BY A PROFESSIONAL LAND SURVEYOR

TEG maintains its own surveying department led by Christopher DeYoung, PE, PLS. This is a significant advantage throughout every phase of a municipal project.

Surveying is often one of the first activities required to advance an assignment and one of the most important resources when questions arise during design or construction. Because TEG's survey personnel are part of the same organization as our municipal, transportation, and construction teams, we can coordinate field work directly with the engineers who will use the information.

This integrated structure improves project delivery by providing:

- Faster mobilization for topographic and existing-condition surveys
- Direct communication between surveyors and design engineers
- More efficient utility and drainage investigations
- Timely supplemental survey when design questions arise
- Early identification of right-of-way, easement, and property concerns
- Responsive construction layout and field verification
- Rapid assistance with elevation, alignment, and quantity questions
- Accurate as-built and record information at project closeout

TEG does not have to wait for an outside survey subconsultant to become available before responding to a field issue. When a roadway elevation, utility location, property line, easement, construction stake, or record drawing question arises, our project manager can coordinate directly with our survey department and prioritize the work based on the Village's needs.

The department is led by an individual who is both a Professional Engineer and Professional Land Surveyor. This combination strengthens communication between engineering and survey disciplines and helps ensure that field information is collected and interpreted with the full project purpose in mind.

REDUCED RISK AND GREATER ACCOUNTABILITY FOR WESTERN SPRINGS

Together, these characteristics provide Western Springs with a consultant that offers the depth of a larger firm while maintaining direct access to its owners and technical leaders.

TEG's founders remain involved. Our clients trust us with complex projects. Our staff understand municipal project delivery from planning through construction. Our survey department is available in-house. Our senior personnel remain accountable when unexpected issues arise.

For Western Springs, this means:

- Direct access to firm decision-makers
- Consistent leadership across multiple assignments
- Faster response to field and survey needs
- Better coordination between design and construction
- Practical solutions grounded in municipal experience
- Stronger control of scope, schedule, budget, and documentation
- A consultant that remains responsible through final completion

TEG's value is not based only on the services we list. It is based on how we provide those services and the confidence our clients place in us to complete important public infrastructure projects successfully.

↓ PROFESSIONAL ERRORS AND OMISSIONS COVERAGE

Thomas Engineering Group, LLC currently maintains professional errors and omissions liability insurance with limits of $2,000,000 per claim and $2,000,000 in the annual aggregate. Coverage is written on a claims-made basis.

Illinois Department of Transportation
2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 5, 2026

Subject: PRELIMINARY ENGINEERING
Consultant Unit
Prequalification File

Thomas Gill
THOMAS ENGINEERING GROUP, LLC
238 South Kenilworth Avenue
Suite 100
Oak Park, IL 60302

Dear Thomas Gill,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Dec 31, 2024. Your firm's total annual transportation fee capacity will be $14,400,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 131.53% are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Bureau of Investigations and Compliance in a pre-award audit. Pursuant to 23 CFR 172.11(d), we are providing notification that we will post your company's indirect cost rate to the Federal Highway Administration's Audit Exchange where it may be viewed by auditors from other State Highway Agencies.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until December 31, 2025. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Sincerely,
Jack Elston, P.E.
Bureau Chief
Bureau of Design and Environment

SEFC PREQUALIFICATIONS FOR THOMAS ENGINEERING GROUP, LLC

CATEGORY	STATUS
Special Studies - Traffic Studies	X
Special Plans - Traffic Signals	X
Special Services - Construction Inspection	X
Hydraulic Reports - Waterways: Typical	X
Hydraulic Reports - Waterways: Complex	X
Special Studies- Location Drainage	X
Location Design Studies - Reconstruction/Major Rehabilitation	X
Special Services - Surveying	X
Highways - Freeways	X
Location Design Studies - Rehabilitation	X
Highways - Roads and Streets	X
Special Services - Sanitary	X
Special Studies - Safety	X
Special Services - Landscape Architecture	X
Special Services - Public Involvement	X
Location Design Studies - New Construction/Major Reconstruction	X
Special Studies - Feasibility	X

X	PREQUALIFIED
A	NOT PREQUALIFIED, REVIEW THE COMMENTS UNDER CATEGORY VIEW FOR DETAILS IN EPAS.
S	PREQUALIFIED, BUT WILL NOT ACCEPT STATEMENTS OF INTEREST

MUNICIPAL ROADWAY, SEWER, WATER, OTHER CAPITAL AND INFRASTRUCTURE EXPERIENCE

Thomas Engineering Group, LLC (TEG) provides comprehensive municipal engineering services for roadway, water, sanitary sewer, storm sewer, drainage, transportation, surveying, permitting, construction engineering, and other public infrastructure improvements. Our work is performed almost exclusively for public agencies, which gives our staff a strong understanding of municipal decision-making, public funding requirements, resident expectations, operational constraints, and the need to coordinate closely with public works, engineering, administration, finance, community development, emergency services, and elected officials.

TEG's experience includes projects delivered through all phases of engineering, from preliminary investigation and capital planning through survey, design, permitting, bidding, construction observation, project administration, documentation, and record drawings. Our Municipal, Transportation, Construction, and Survey departments work together so that project decisions made during planning and design are informed by field conditions, constructability, long-term maintenance, and the practical needs of the owner.

For Western Springs, TEG's two strongest and most directly applicable disciplines are:

- ☑ Municipal Roadway Engineering
- ☑ Municipal Water Main Engineering

These disciplines align closely with the Village's voter-approved infrastructure program and its anticipated roadway, water, sewer, stormwater, and related capital assignments.

Top Discipline 1: Municipal Roadway Engineering

TEG has extensive experience planning, designing, and administering municipal roadway programs ranging from annual resurfacing and maintenance projects to complete neighborhood and corridor reconstruction. Our roadway work commonly includes pavement evaluation, roadway geometry, drainage, utility coordination, curb and gutter, sidewalk, ADA improvements, driveway reconstruction, traffic control, pavement markings, lighting, landscaping, public outreach, and construction engineering.

Our roadway experience includes:

- *Full-depth roadway reconstruction*
- *Pavement resurfacing and rehabilitation*
- *Pavement condition evaluation and programming*
- *Hot-mix asphalt and Portland cement concrete pavement design*
- *Subgrade evaluation and stabilization*
- *Pavement patching and pavement preservation*
- *Curb and gutter replacement*
- *Sidewalk and ADA ramp improvements*
- *Roadway drainage and storm sewer design*
- *Multi-use paths and pedestrian facilities*
- *Traffic signal and intersection improvements*
- *Maintenance of traffic and construction staging*
- *Utility coordination and conflict resolution*
- *Streetscape improvements*
- *Street lighting*
- *Pavement markings and signing*
- *Public involvement and resident coordination*
- *Construction observation and contract administration*
- *MFT, state, county, and federally funded project administration*

TEG approaches roadway engineering as an integrated municipal service rather than an isolated pavement assignment. In established communities, roadway projects often affect water main, sanitary sewer, storm sewer, private utilities, drainage, trees, sidewalks, driveway access, schools, businesses, and emergency routes. Our team evaluates these elements together so the Village can address infrastructure needs efficiently and avoid reopening a recently improved roadway for foreseeable utility work.

During preliminary engineering and capital planning, TEG assists municipalities with pavement condition reviews, field reconnaissance, survey, drainage evaluation, utility investigation, alternatives analysis, cost estimating, funding strategy, and prioritization. We work with Village staff to identify the appropriate treatment for each roadway, whether that is routine resurfacing, structural patching, pavement reconstruction, drainage correction, or full utility and roadway replacement.

During final design, TEG prepares plans, specifications, quantities, engineer's estimates, permit applications, bid documents, and agency submittals. Our design staff coordinate closely with our construction personnel to identify staging issues, utility conflicts, access restrictions, constructability concerns, and potential cost risks before bidding.

During construction, TEG provides resident engineering, inspection, documentation, quantity measurement, materials coordination, schedule review, contractor coordination, pay estimates, change order review, public communication, and closeout. This continuity between design and construction helps reduce ambiguity and allows field issues to be addressed quickly.

Representative roadway experience includes:

- *Gary Avenue Reconstruction, City of Wheaton*
- *Burlington Avenue Reconstruction, Village of Lisle*
- *Wood Street Reconstruction, City of West Chicago*
- *St. John Street Reconstruction, City of Elgin*
- *Lombard Meadows Reconstruction, Village of Lombard*
- *MFT Roadway Resurfacing Program, Village of Woodridge*
- *Annual Road Repair Programs, Village of Indian Head Park*
- *Wolf's Crossing at Harvey Road Reconstruction, Village of Oswego*
- *Municipal resurfacing, reconstruction, sidewalk, drainage, and maintenance programs for West Chicago, Indian Head Park, Lombard, Schaumburg, Bensenville, Oak Park, Aurora, and other communities*

Roadway Knowledge Applicable to Western Springs

Western Springs is a mature, primarily residential community where roadway projects will require careful coordination with existing homes, mature trees, driveways, sidewalks, utilities, schools, businesses, the downtown area, and the BNSF/Metra corridor. TEG understands that successful roadway delivery in this setting depends on more than pavement design.

Our roadway approach for Western Springs would include:

- *Evaluating roadway and underground utility needs together*
- *Confirming the appropriate pavement treatment based on field conditions*
- *Identifying drainage deficiencies before establishing roadway profiles*
- *Coordinating water, sanitary, storm, and private utility conflicts early*
- *Developing practical staging and traffic control*
- *Preparing realistic construction cost estimates*
- *Coordinating MFT, referendum, local, county, state, and federal funding requirements*
- *Providing clear notices and regular updates to residents and businesses*
- *Providing complete closeout and record information for future capital planning*
- *Maintaining driveway, school, business, pedestrian, and emergency access*
- *Tracking quantities, changes, schedule, and funding eligibility during construction*

TEG's roadway experience allows us to help the Village select the correct level of improvement, avoid unnecessary reconstruction where a lower-cost treatment is appropriate, and identify where full reconstruction is necessary to protect the Village's long-term investment.

Top Discipline 2: Municipal Water Main Engineering

TEG has substantial experience with municipal water main replacement, rehabilitation, extension, and construction engineering. Our staff have provided preliminary engineering, survey, final design, permitting, bidding assistance, construction observation, testing coordination, documentation, and closeout for water projects involving residential neighborhoods, major roadways, county highways, constrained rights of way, easements, park property, and locations requiring trenchless installation.

Our water main experience includes:

- *Existing water system evaluation*
- *Water main replacement and upsizing*
- *Water system looping and redundancy*
- *Fire flow improvements*
- *Replacement of aging cast iron and ductile iron mains*
- *Ductile iron and PVC water main design*
- *Horizontal directional drilling*
- *Jacking and boring*
- *Water main installation in easements*
- *Valve, valve vault, and valve box replacement*
- *Hydrant installation and relocation*
- *Water service replacement*
- *Temporary water service planning*
- *Shutdown and tie-in coordination*
- *Pressure testing*
- *Disinfection and chlorination*
- *Bacteriological sampling coordination*
- *IEPA permitting and compliance*
- *Utility conflict resolution*
- *Roadway restoration and pavement patching*
- *Coordination with sanitary and storm sewer improvements*
- *Resident and business communication*
- *Construction inspection and materials documentation*
- *Record drawings and asset information*

TEG understands that water main work directly affects public health, fire protection, property access, roadway condition, and daily customer service. Water projects must be designed and constructed with careful attention to maintaining service, sequencing shutdowns, coordinating tie-ins, verifying materials, documenting testing, and ensuring the new system is not placed into service until required approvals are complete.

Our water main design process begins with review of existing system records, available GIS information, break history, pipe age and material, hydraulic needs, fire flow, existing valves and hydrants, service locations, and known operational issues. We supplement record information with field survey, utility investigation, and coordination with public works personnel who understand the system's operating history.

During design, TEG evaluates alignment alternatives, pipe material, sizing, looping, connection points, easements, trenchless installation opportunities, utility conflicts, restoration limits, and construction staging. We coordinate with IEPA, county agencies, water reclamation districts, adjacent municipalities, and other permitting authorities as applicable.

During construction, TEG provides inspection of pipe installation, bedding, backfill, restraints, fittings, valves, hydrants, services, trenchless work, and restoration. Our team coordinates and documents shutdowns, pressure testing, chlorination, flushing, sampling, and acceptance. We also track quantities, review contractor requests, prepare pay estimates, address field conflicts, and maintain communication with residents and Village staff.

Representative water main experience includes:

- *Schmale Road Water Main Replacement, Village of Carol Stream*
- *Michael Lane Water Main Replacement, Village of Addison*
- *Woodview Estates Water Main Replacement, Village of Burr Ridge*
- *Annual Water Main Program, Village of Burr Ridge*
- *Annual Water and Sewer Main Improvements, Village of Oak Park*
- *Burlington Avenue Reconstruction and Water Main Replacement, Village of Lisle*
- *St. John Street Reconstruction and Water Main Replacement, City of Elgin*
- *Wood Street Reconstruction and Water Main Replacement, City of West Chicago*
- *Pomeroy and Brown Street Water and Sanitary Improvements, City of West Chicago*
- *Lombard Meadows roadway, water, sanitary, and storm sewer improvements*
- *Water main and utility coordination assignments for numerous municipal clients throughout northeastern Illinois*

Water Main Knowledge Applicable to Western Springs

The Village's referendum-funded program will require careful coordination between water main work and roadway restoration. TEG's combined roadway and water experience is especially valuable because the design of one directly affects the cost, staging, and performance of the other.

For Western Springs, our water main approach would include:

- *Reviewing system age, break history, pipe material, pressure, fire flow, and operational concerns*
- *Coordinating water improvements with the roadway capital program*
- *Evaluating whether replacement should precede or be incorporated into roadway reconstruction*
- *Identifying opportunities to improve looping and system redundancy*
- *Confirming connection points and valve isolation requirements*
- *Coordinating service replacements and private property impacts*
- *Evaluating trenchless installation where it may reduce pavement, tree, access, or restoration impacts*
- *Preparing IEPA permit documents and responding to agency comments*
- *Planning shutdowns and tie-ins with Village operations staff*
- *Maintaining resident, school, business, and emergency service access*
- *Coordinating pressure testing, disinfection, flushing, and sampling*
- *Tracking materials and testing documentation*
- *Preparing accurate record drawings and asset information*

Our objective is not simply to replace pipe. It is to improve system reliability, fire protection, maintainability, and long-term value while coordinating construction so that roadway and restoration costs are controlled.

Sanitary Sewer Experience

TEG provides sanitary sewer evaluation, rehabilitation, replacement, extension, and construction engineering services. Our experience includes:

- *Sanitary sewer condition assessment*
- *CCTV review and coordination*
- *Infiltration and inflow reduction*
- *Cured-in-place pipe lining*
- *Point repairs*
- *Manhole rehabilitation*
- *Sewer separation*
- *Service replacement*
- *Flow control and bypass planning*
- *MWRD IICP compliance*
- *New sanitary sewer extensions*
- *Development plan review*
- *Construction observation and documentation*
- *Coordination with roadway and water projects*

TEG has assisted municipalities with annual sanitary sewer rehabilitation programs, combined sewer improvements, service repairs, manhole adjustments, and coordination of sewer work within roadway reconstruction projects. Our staff understand the importance of addressing sanitary sewer concerns before final roadway restoration whenever practical.

Storm Sewer and Drainage Experience

TEG provides municipal drainage and stormwater services ranging from individual property drainage investigations to major storm sewer and flood mitigation improvements. Our experience includes:

- *Existing drainage system evaluation*
- *Hydrologic and hydraulic analysis*
- *Storm sewer design*
- *Large-diameter storm sewer*
- *Detention and retention*
- *Culvert and box culvert improvements*
- *Roadway drainage*
- *Rear-yard drainage*
- *Green infrastructure*
- *Floodplain and wetland coordination*
- *Stormwater permitting*
- *Erosion and sediment control*
- *NPDES compliance*
- *Resident drainage complaint investigation*
- *Construction engineering*

Our staff include licensed professional engineers, certified floodplain managers, qualified stormwater inspectors, and personnel experienced in municipal drainage design and construction. We understand that localized drainage issues can be highly sensitive for residents and must be investigated carefully using field survey, record review, drainage analysis, and practical alternatives.

Other Capital and Infrastructure Services

TEG's additional municipal capabilities include:

- *Capital improvement planning*
- *Pavement management*
- *Cost estimating*
- *Grant application support*
- *Grant administration*
- *Development plan review*
- *Right-of-way permit review*
- *Traffic engineering*
- *Traffic signal improvements*
- *Pedestrian and bicycle facilities*
- *Streetscape design*
- *Surveying and construction layout*
- *Easement and right-of-way plats*
- *Environmental permitting*
- *Tree inventory and arborist services*
- *Construction engineering*
- *Materials coordination*
- *Public outreach*
- *Utility coordination*
- *Bid assistance*
- *Record drawings*
- *GIS-ready deliverables*

Our in-house survey group is a major advantage for municipal assignments. TEG's survey department is led by Christopher DeYoung, PE, PLS, allowing survey questions to be addressed quickly by a professional who understands both design and construction. We do not have to wait for a subconsultant to schedule routine field verification, construction layout, utility checks, easement preparation, or record survey work.

Integrated Capital Program Delivery

TEG's strongest value to Western Springs is our ability to integrate roadway, water, sewer, drainage, survey, design, and construction engineering. Capital projects are most successful when each discipline is considered as part of the same long-term infrastructure program. Our team helps municipalities:

- *Prioritize projects based on condition, risk, funding, and community impact*
- *Coordinate roadway and underground utility improvements*
- *Develop realistic budgets and schedules*
- *Identify outside funding opportunities*
- *Prepare bid-ready plans and specifications*
- *Minimize design changes during construction*
- *Maintain access and communication*
- *Protect funding eligibility*
- *Track cost and schedule performance*
- *Complete closeout promptly*
- *Update records for future planning*

This integrated approach supports Western Springs' goals of maintaining high-quality services, identifying cost efficiencies, protecting public funds, improving communication, and maintaining, rebuilding, and enhancing infrastructure.

MOTOR FUEL TAX-FUNDED PROJECT EXPERIENCE

TEG has extensive experience with Motor Fuel Tax-funded roadway, resurfacing, reconstruction, sidewalk, drainage, and related municipal projects. Our staff understand that MFT projects must be developed, approved, administered, documented, and closed out in accordance with IDOT requirements.

TEG's MFT services include:

- *Project programming and annual capital planning*
- *Preliminary scope development*
- *MFT resolution and paperwork support*
- *Coordination with IDOT District One*
- *IDOT review and approval coordination*
- *Preparation of plans, specifications, and estimates*
- *Use of applicable IDOT standard specifications and recurring special provisions*
- *BLR form preparation and coordination*
- *Bid document preparation*
- *Bid tabulation and award assistance*
- *Preconstruction conference support*
- *Construction observation*
- *Materials inspection and documentation*
- *Quantity measurement*
- *Pay estimate preparation*
- *Change order review*
- *MFT eligibility tracking*
- *Project documentation*
- *Final inspection*
- *Record drawings*
- *Final paperwork and closeout*

MFT Administration Approach for Western Springs

For Western Springs MFT assignments, TEG would begin by confirming the intended funding source and eligible scope before design is advanced. This avoids incorporating non-eligible work into MFT quantities without a clear local funding allocation.

Our process would include:

1. Confirm the project scope, funding split, and schedule with Village staff.
2. Identify MFT-eligible and locally funded items.
3. Coordinate required resolutions, forms, and IDOT submittals.
4. Prepare plans, specifications, quantities, and estimates consistent with IDOT requirements.
5. Track IDOT review comments and approvals.
6. Coordinate bidding and award requirements.
7. Establish construction documentation procedures before notice to proceed.
8. Track quantities and funding codes throughout construction.
9. Review change orders for eligibility and available funding.
10. Prepare final documentation and assist with timely closeout.

TEG understands that Western Springs maintains an MFT fund as part of its long-term capital planning. Our goal will be to help the Village use those restricted funds strategically and document each project so that MFT participation is protected.

COUNTY, FEDERAL, AND STATE GRANT-FUNDED PROJECT EXPERIENCE

TEG has extensive experience with infrastructure projects funded through county, state, and federal programs. Our staff have delivered planning, design, construction engineering, documentation, and closeout for projects involving federal transportation funding, Community Development Block Grant funding, county-administered programs, American Rescue Plan Act funding, state grants, IDOT participation, and other public funding sources.

Grant-funded projects require more than technical engineering. They require careful scope development, realistic schedules, funding eligibility review, agency coordination, documentation, reporting, and closeout. Failure to follow the funding agency's requirements can delay authorization, jeopardize reimbursement, or create additional local cost.

TEG's grant-funded project experience includes:

- *Surface Transportation Program funding*
- *Federal-aid transportation funding*
- *Community Development Block Grant funding*
- *CDBG Disaster Recovery funding*
- *American Rescue Plan Act funding*
- *County-administered infrastructure grants*
- *DuPage County funding programs*
- *State of Illinois funding*
- *IDOT administered funding*
- *IEPA loan and permit coordination*
- *MWRD-related infrastructure requirements*
- *Local and participating fund splits*
- *Grant application and funding identification assistance*
- *Grant administration and reimbursement documentation*

Our grant-funded services include:

- *Funding opportunity identification*
- *Grant application support*
- *Scope and cost development*
- *Funding eligibility review*
- *Project programming*
- *Intergovernmental coordination*
- *Agency agreements*
- *Preliminary engineering*
- *Environmental and permitting coordination*
- *Phase II plans, specifications, and estimates*
- *Funding authorization support*
- *Bid and award assistance*
- *Construction engineering*
- *Change order review*
- *Pay estimate review*
- *Reimbursement support*
- *Progress reporting*
- *Final documentation and closeout*
- *Materials and quantity documentation*

Federal-Aid Transportation Experience

TEG has delivered federally funded Phase I, Phase II, and Phase III engineering assignments under IDOT oversight. Our staff understand the additional requirements associated with federal participation, including:

- *Project programming and authorization*
- *Phase I and environmental coordination*
- *Design approval*
- *IDOT plan and specification requirements*
- *Letting schedules*
- *Disadvantaged Business Enterprise commitments*
- *Federal-aid eligible pay items*
- *Materials documentation*
- *Construction documentation*
- *Change order approval*
- *Funding code tracking*
- *Final inspection and closeout*

Our construction personnel are experienced with IDOT documentation requirements and understand the importance of maintaining complete, contemporaneous project records. Our team uses daily documentation, quantity books, materials records, pay estimate support, change order logs, schedule reviews, photographs, and correspondence records to protect the owner and support reimbursement.

County-Funded Project Experience

TEG has worked with DuPage County, Cook County, Kane County, Will County, and other county agencies on roadway, stormwater, water, and infrastructure assignments. County-funded or county-administered work may involve separate agreements, permit requirements, reporting procedures, reimbursement requests, and schedule commitments.

Our county coordination experience includes:

- *County highway permits*
- *Stormwater management coordination*
- *Community Development Block Grant administration*
- *ARPA-funded infrastructure*
- *County right-of-way work*
- *County cost participation*
- *Intergovernmental agreements*
- *County review and inspection requirements*
- *Funding reimbursement documentation*

State-Funded Project Experience

TEG's state-funded experience includes projects administered through IDOT and other Illinois agencies. Our staff are familiar with state specifications, agreements, approvals, permits, documentation, and closeout procedures.

State-related coordination may include:

- *IDOT District One*
- *Illinois Environmental Protection Agency*
- *Illinois Department of Natural Resources*
- *Illinois Department of Commerce and Economic Opportunity*
- *Illinois Tollway*
- *State grant administrators*
- *State revolving loan and permit requirements*

For water main projects, TEG coordinates with IEPA regarding permits, pipe materials, separation requirements, pressure testing, disinfection, and acceptance. For roadway and transportation projects, TEG coordinates with IDOT regarding design approval, letting, construction documentation, and funding participation.

Grant Application and Administration Support

TEG can assist Western Springs before a grant is awarded and throughout project delivery. Grant application assistance may include:

- *Identifying eligible projects*
- *Developing preliminary scope and cost*
- *Preparing exhibits and project descriptions*
- *Documenting need and community benefit*
- *Establishing project readiness*
- *Developing schedules*
- *Coordinating supporting information*
- *Preparing grant application technical content*

Grant administration assistance may include:

TEG can assist Western Springs before a grant is awarded and throughout project delivery. Grant application assistance may include:

- *Reviewing grant terms*
- *Confirming eligible costs*
- *Establishing funding codes*
- *Tracking deadlines*
- *Coordinating agreements*
- *Supporting reimbursement requests*
- *Preparing progress information*
- *Reviewing changes for eligibility*
- *Maintaining supporting documentation*
- *Assisting with final reporting and closeout*

Grant-Funded Project Approach for Western Springs

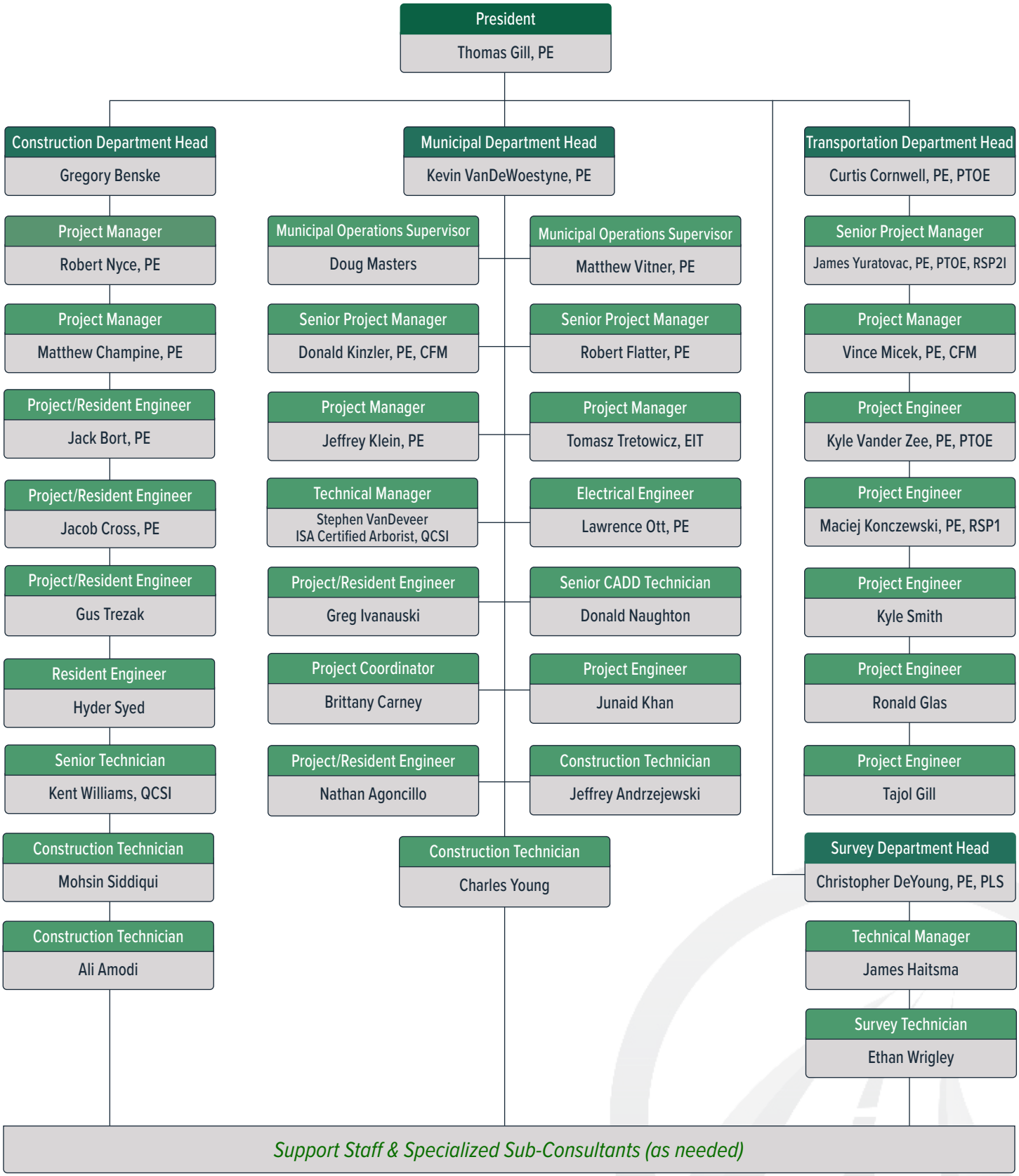
Western Springs' capital program may combine referendum proceeds, MFT, water and sewer funds, county participation, state grants, and federal funding. TEG will help the Village establish a clear funding plan for each assignment before design begins.

Our process will include:

1. Identify each funding source and its requirements.
2. Separate eligible and non-eligible project elements.
3. Establish funding codes and documentation procedures.
4. Develop a schedule tied to agency authorization and grant deadlines.
5. Coordinate required environmental, permit, and design approvals.
6. Prepare plans and specifications that align with the funding agreement.
7. Confirm bid and award requirements.
8. Track construction quantities and changes by funding source.
9. Maintain records supporting reimbursement.
10. Complete agency and grant closeout promptly.

TEG's goal is to help Western Springs secure and use outside funding without allowing administrative requirements to delay project delivery. Our staff will coordinate directly with Village personnel and funding agencies, identify issues early, and maintain the records necessary to protect the Village's investment and reimbursement eligibility.

KEY PERSONNEL AVAILABILITY AND ASSIGNMENT CHART / PROFESSIONAL QUALIFICATIONS / FIRM RESUME





Kevin VanDeWoestyne, PE, ENV SP | *Municipal Department Head*

Years of Experience: 23 / 18 at TEG | Office location: Aurora, Illinois |

Key Project Experience: Engineering Services (Indian Head Park, West Chicago, Channahon)

Our Municipal Department is led by Kevin VanDeWoestyne, PE, ENV SP, Kevin has 23 years of experience involving federally funded and locally funded roadway, parking lot, street lighting, storm sewer, bikeway and pedestrian, water main, and sanitary sewer projects. Mr. VanDeWoestyne leads professional engineering services for all three engineering phases: preliminary engineering, final design engineering, and construction engineering, but specializes in assisting local agencies with securing federal funding through intergovernmental coalitions, such as the DuPage Mayors and Managers Conference (DMMC).



Curtis Cornwell, PE, PTOE | *Transportation Department Head*

Years of Experience: 25 / 14 at TEG | Office location: Oak Brook, Illinois |

Key Project Experience: Traffic Engineering (Orland Park, IDOT), Streetscapes (Oak Park, Lake Forest)

Mr. Cornwell is a registered Professional Engineer and Professional Traffic Operations Engineer with 25 years of experience in roadway planning, public involvement, design, traffic analysis, and construction. He is familiar with many transportation software packages including MicroStation, GEOPAK Road, AutoCAD, HCS 2000, Synchro, SimTraffic, and AutoTURN. He is well-versed in the geometric development and analysis of complicated intersections including roundabouts.



Gregory Benske | *Construction Department Head*

Years of Experience: 37 / 18 at TEG | Office location: Oak Brook, Illinois |

Key Project Experience: Engineering Services (Lake Forest, Schaumburg, Lombard, Wilmette)

Mr. Benske, Construction Department Head, has over 35 years of municipal, roadway, highway, and bridge construction experience. He has extensive knowledge of HMA and PCC paving, earth excavation, drainage, utilities, structural construction, traffic signals, documentation, pay estimates, change orders, and project closeout.



Christopher DeYoung, PE, PLS | *Chief Surveyor*

Years of Experience: 20 / 14 at TEG | Office location: Oak Brook, Illinois |

Key Project Experience: On-Call Survey Services (Aurora, DuPage County, West Chicago, Wilmette)

Mr. DeYoung is a registered Professional Engineer and a Registered Professional Land Surveyor with 20 years of land surveying, design, and construction experience. Leading the surveying staff as well as overseeing all surveying activities for the group, he is responsible for the supervision of surveying staff and budget, subconsultant management, project schedules, and delivery.



Matthew (Matt) Vitner, PE | *Municipal Operations Supervisor (Construction)*

Years of Experience: 37 / 4 at TEG | Office location: Aurora, Illinois |

Key Project Experience: FY 2023-2025 Projects (Wood Dale), Engineering Services (West Chicago)

Mr. Vitner has 37 years of experience in the transportation industry managing the development, construction, and maintenance of capital infrastructure assets. Serving as Bureau Chief of Operations with IDOT, City Engineer and Public Works Director with the City of Rockford, his range of expertise includes managing routine roadway maintenance and reconstruction to large-scale corridor improvements.



Doug Masters | *Municipal Operations Supervisor (Design+Development)*

Years of Experience: 29 / 18 at TEG | Office location: Aurora, Illinois |

Key Project Experience: Engineering Services (West Chicago), Development Review (St. Charles)

Mr. Masters has 29 years of experience involving municipal, county, environmental, and stormwater management design and construction. He has extensive knowledge in municipal and County infrastructure development and design. As an associate of TEG, he is responsible for project design and overseeing design and construction projects.



Robert (Rob) Flatter, PE | *Project Manager*

Years of Experience: 38 / 5 at TEG | Office location: Aurora, Illinois |

Key Project Experience: On-Call Engineering Services (Winfield Township, Indian Head Park)

Mr. Flatter has 38 years of local governmental project management experience; including eight (8) years overseeing private development permit reviews and construction for the Village of Lombard, Illinois, five (5) years as Stormwater Division Manager for the County of DuPage, Illinois, and over eighteen (18) years as the Public Works Director/City Engineer for the City of West Chicago, Illinois. As the former Public Works Director/City Engineer, he was directly responsible for all aspects of the City's Capital Improvement Projects (i.e., planning, budgeting, design, construction, community relations, Infrastructure Committee liaison, etc.).



Vincent (Vince) Micek, PE, CFM | *Project Manager*

Years of Experience: 12 / 12 at TEG | Office location: Oak Brook, Illinois |

Key Project Experience: Green Alley Program (Westmont), Streetscape Projects (Oak Park, Lake Forest)

Mr. Micek is a registered Professional Engineer and Certified Floodplain Manager with 12 years of experience in Phase I, II, and III services. Vince is experienced in roadway planning and design, hydrologic and hydraulic analysis, stormwater management, green infrastructure, erosion and sediment control, maintenance of traffic, utility coordination and relocation, permitting, constructability, value engineering, and the development of special provisions and specifications.



Kyle Vander Zee, PE, PTOE | *Project Engineer*

Years of Experience: 10 / 10 at TEG | Office location: Oak Brook, Illinois |

Key Project Experience: Green Alley Program (Westmont), Traffic Engineering Services (IDOT)

Mr. Vander Zee is a registered Professional Engineer with 10 years of experience in roadway planning and design, project coordination, crash analysis and traffic safety studies, drainage design, capacity analysis, barrier warrant analysis, and ADA design. He is proficient in many transportation software packages including MicroStation, GEOPAK, Open Roads 3D modeling, AutoTURN, HCS, ArcGIS and HEC-HMS.



Jeffrey Klein, PE | *Project Manager*

Years of Experience: 22 / 18 at TEG | Office location: Aurora, Illinois |

Key Project Experience: Engineering Services (West Chicago, Indian Head Park, Burr Ridge)

Mr. Klein has 22 years of experience involving municipal and highway / roadway design and construction. He has extensive knowledge in bridge construction and rehabilitation, bituminous and concrete paving, earth excavation, drainage, structural construction, lighting and signalization. He also has experience with water main, sanitary sewer rehabilitation and construction, and storm sewer installation Mr. Klein currently serves as Project Manager for Phase III construction in the municipal department.



Maciej Konczewski, PE, RSP1 | *Project Engineer*

Years of Experience: 12 / 8 at TEG | Office location: Oak Brook, Illinois |
Key Project Experience: Traffic Engineering Services (Orland Park, River Forest, Kane County, IDOT)

Mr. Konczewski is a registered Professional Engineer with 10 years of experience in Phase I and II services. He is experienced in roadway planning and design, project coordination, traffic signal studies, maintenance of traffic, bike path design, and ADA design. He is proficient in many transportation software packages including MicroStation, GEOPAK Road, HCS, and AutoTURN.



James Yuratovac, PE, PTOE, RSP2I | *Senior Project Manager*

Years of Experience: 27 / 10 at TEG | Office location: Oak Brook, Illinois |
Key Project Experience: Traffic Engineering Services (Orland Park, IDOT, Lockport, Kane County)

Mr. Yuratovac has 27 years of experience leading and managing Phase I and II Engineering projects with a focus on Traffic and Safety Engineering. Jim is recognized as one of the leading safety/traffic engineers in Illinois and has partnered with IDOT as a Traffic Safety Program Manager for nearly 10 years. He has also led Kane County's Annual Safety Assessment for the last 5 years, utilizing an innovative combination of tools to identify and prioritize safety needs. Jim is highly skilled in predictive modeling and is current with all HSM methodologies and HSIP practices.



Matthew Champine, PE | *Project Manager*

Years of Experience: 21 / 11 at TEG | Office location: Aurora, Illinois |
Key Project Experience: Construction Engineering Services (Bensenville, Lombard)

Mr. Champine is a registered Professional Engineer with 21 years of experience. Along with construction management services, Mr. Champine also performs drafting and other design services. He has knowledge and experience pertaining to earth excavation, drainage systems, water main installation, landscaping, and PCC and bituminous paving. Specific responsibilities include documentation of construction activities and contract quantities, site surveying, plan review and quantity verification.



Jacob Cross, PE | *Resident Engineer*

Years of Experience: 8 / 8 at TEG | Office location: Oak Brook, Illinois |
Key Project Experience: Construction Engineering Services (Wilmette, Schamburg)

Mr. Cross has 8 years of construction management experience involving roles in inspection and contract administration. His field knowledge stems from working on projects administered by IDOT, Illinois Tollway, and local agencies. Jacob has a wealth of experience in HMA and PCC pavement, earth excavation and waste disposal, storm sewer and water main construction, concrete flatwork including ADA pedestrian facilities, street lighting improvements, and traffic signal modernization.



Jack Bort, PE | *Resident Engineer*

Years of Experience: 8 / 2 at TEG | Office location: Aurora, Illinois |
Key Project Experience: Construction Engineering Services (South Elgin, Westmont, IDOT)

Mr. Bort has more than 8 years of experience in construction management and project oversight. As a lead inspector on complex civil engineering projects, he has developed strong skills in contractor coordination, field issue resolution, project documentation, estimating, and materials supervision. He works effectively with contractors and stakeholders to identify challenges and help resolve them with practical, thoughtful solutions. He is IDOT Documentation Certified.



Hyder Syed | *Resident Engineer*

Years of Experience: 21 / 10 at TEG | Office location: Oak Brook, Illinois |
Key Project Experience: Construction Engineering Services (Deerfield, CDOT)

Mr. Syed has more than 17 years of experience in construction engineering, inspection, and documentation on a variety of projects, including roadway, industrial, and drainage improvements. He is proficient in quality control procedures, particularly in the area of field inspection. His experience includes measuring and documenting completed work, preparing reports, maintaining site records, and coordinating effectively with subconsultants, clients, and contractors. He is IDOT Documentation Certified.



Kent Williams | *Resident Engineer*

Years of Experience: 22 / 12 at TEG | Office location: Aurora, Illinois |
Key Project Experience: Construction Engineering Services (Deerfield, South Elgin, Lisle)

Mr. Williams has more than 20 years of construction management experience involving bridge, roadway, and municipal facility projects. He has developed broad construction knowledge through work for IDOT, ISTHA, CDOT, counties, and various municipalities. His experience includes bridge construction and rehabilitation, bituminous and concrete paving, earth excavation, drainage, structural construction, lighting, and signalization. He is IDOT Documentation Certified and proficient in IDOT's CMMS web based system.



Stephen VanDeVeer, ISA Certified Arborist, QCSI | *Technical Manager*

Years of Experience: 21 / 17 at TEG | Office location: Aurora, Illinois |
Key Project Experience: Engineering Services (West Chicago), Development Construction (Channahon)

Mr. VanDeveer is a Project Manager and an ISA certified arborist with phase I, II, and III experience in the field. He has over 21 years of experience with utility construction and maintenance, HMA and WMA pavement, PCC pavement, pavement patching, PCC and latex concrete bridge deck construction, steel and concrete beam repairs, bridge substructure construction and repairs, concrete box culvert installation and repairs, earth excavation, trench backfill, furnished excavation, PCC sidewalk, curb and gutter, and traffic control and protection. He is IDOT Documentation Certified.



Brittany Carney | *Project Coordinator*

Years of Experience: 7 / 7 at TEG | Office location: Oak Brook, Illinois |
Key Project Experience: Construction Engineering Services (Wheaton, Oswego, KDOT, IDOT)

Ms. Carney is a documentation professional with more than 7 years of experience specializing in contract quantity documentation for large scale infrastructure projects, including work for the Illinois Tollway and the Illinois Department of Transportation. Her experience includes construction inspection, quantity documentation, GIS data collection, and tree surveys. On this project, Brittany will review and process project documentation, including Inspector's Daily Reports and Quantity Books, maintain CMMS, verify material inspection and certification records, and keep accurate logs for submittals, RFIs, and other construction documentation. She is IDOT Documentation Certified and proficient in IDOT's CMMS web based system.

Kevin VanDeWoestyne, PE, ENV SP

Municipal Department Head



Mr. VanDeWoestyne has 23 years of experience involving municipal and highway / roadway design and construction. He has extensive supervisory experience and knowledge in roadway and bridge construction and rehabilitation, bituminous and concrete paving, earth excavation, drainage, structural construction, landscaping, lighting, and traffic signalization.

Summary of Relevant Project Experience

- **Phase I, II and III, City Engineering Services, 2008 - Current, City of West Chicago** – Project Principal/Client Liaison. TEG provides comprehensive design, planning, programming, cost estimating, conditional ratings and construction inspection services for various proactive Capital Improvement Programs including roadway resurfacing, roadway reconstruction, drainage, sewer and water, crack sealing, traffic calming, sidewalk maintenance, pavement marking, and signing projects. Work includeds securing all applicable permits needed from State, Local and Federal agencies. TEG serves as the City's engineering liaison on contractual issues during construction providing construction observation and contract administration for all CIP surface and infrastructure improvements.
- **Phase I, II and III, Village Engineering Services, Village of Indian Head Park** – Project Principal/Client Liaison. TEG provides comprehensive design, planning, programming, cost estimating, conditional ratings and construction inspection services for all Capital Improvement Programs including roadway resurfacing, roadway repairs and reconstruction, storm water improvements, sanitary sewer rehabilitation, asphalt rejuvenation, sidewalk maintenance, pavement marking, and various infrastructure maintenance projects. TEG assists the Village Administrator and Water and Public Works Superintendents with implementation of roadway, sewer, and water capital improvement programs, stormwater management studies, geographic information system (GIS) atlases, and annual maintenance programs. Responsibilities also include securing all applicable permits needed from State, Local and Federal agencies including development and reporting for the Metropolitan Water Reclamation District of Greater Chicago (MWRD) Infiltration/Inflow Control Program (IICP).
- **Phase II and III, Annual Water Main Program, Village of Burr Ridge –** Phase II Project Manager. The Village of Burr Ridge hired TEG for Phase II and Phase III for this $1.1M annual water main replacement project for improvements at two (2) locations in Burr Ridge. The scope of work included ductile iron and PVC water main installation, water main abandonment, water service line replacement, new fire hydrants, horizontal directionally drilled water main, boring and jacking, encasement, intermittent storm sewer and sanitary sewer service replacement, driveway replacement, pavement patching, and parkway landscaping. Coordination efforts included public outreach to the Carriage Way Subdivision. Permitting efforts included coordination with the CCDOTH and the IEPA.

Education

Bradley University
Peoria, IL
Bachelor of Science,
Civil Engineering

Professional Registrations

Professional Engineer:
Illinois 062-061311

ISI Envision™ Sustainability Professional

Professional Associations & Recognitions

American Society of Civil Engineers
American Council of Engineering Companies - Illinois

Selected Continuing Education

ACEC
Total Quality Pavement Management and Superpave for the Local Agency
SAFETY
Fall Protection Regulation & Equipment Familiarization
Confined Space Regulation & Equipment Familiarization
MERIDIAN PROLIANCE WEB BASED PM SYSTEM
Construction Phase Process Drawing Construction Management Course
WBPM Coordinator
IDOT:
Documentation of Contract Quantities (#24-21601 exp. 01/25/2028)
OTHER
APWA/IDOT Project Finalization Procedures Seminar 2006
ICORS 2008 Training Seminar
MISTIC Database for IDOT Construction

Curtis Cornwell, PE, PTOE

Transportation Department Head



Mr. Cornwell is a registered Professional Engineer and Professional Traffic Operations Engineer with 25 years of experience in roadway planning, public involvement, design, traffic analysis, and construction. He is familiar with many transportation software packages including MicroStation, GEOPAK Road, AutoCAD, HCS 2000, Synchro, SimTraffic, and AutoTURN. He is well-versed in the geometric development and analysis of complicated intersections including roundabouts.

Summary of Relevant Project Experience

- **Phase I, IL Route 59 at Champion Road Intersection Improvement, Illinois Department of Transportation/Village of Plainfield –** Project Manager. TEG provided Phase I services for this IDOT District 1 intersection improvement project located in Plainfield and Naperville. The purpose of this project was to improve the safety, mobility, and operations of the intersection of IL 59 at Champion Road. The proposed scope included traffic signal modernization, improved channelization with median reconstruction, ADA improvements and new sidewalk installation along the west side of IL 59 providing a sidewalk network from Marathon Lane (north of Champion Road) to the commercial entrance/Kohl's entrance (south of Champion Rd).
- **Phase I and II, Lake Street Improvements, Oak Park, Illinois, Village of Oak Park –** Phase I Project Manager. This project included preliminary and design engineering for the entire 1.5-mile length of Lake Street within the Village's corporate limits and a 1-block length of Marion Street north of Lake Street. For Phase I, a single project report was prepared to summarize preliminary engineering, traffic, and environmental studies and the extensive public involvement process which included the Village Board, all Village departments, three business districts, several private developer projects, IDOT, FHWA, CTA and Pace busing, a post office, a library, and many more. For Phase II, this project was separated into three major subprojects: (1) a federally-funded streetscape to the west, (2) a locally-funded resurfacing to the east, and (3) a locally-funded utilities project in the middle but overlapping into the other two subprojects. Two breakout contract document sets were prepared for private developer projects within the streetscape project. Project highlights included: topographic survey, streetscape features (brick intersections, decorative crosswalks, a speed table, black concrete curb, bluestone sidewalk, granite curb planters, seat walls, and gateway monument sign, structural soil, irrigation, landscaping, outdoor dining, decorative roadway and pedestrian lighting, wayfinding signage), complex ADA design, traffic signal modernization and interconnection, fiber optic for Information Technology, sidewalk vaults and survey with ground penetrating radar, complex construction sequencing and staging with detours, sanitary sewer replacement and lining, water main replacement, removal of old trolley tracks, land acquisition (plats and legal descriptions), and assistance with funding applications.

thomas engineering group

Education

University of Illinois at Urbana-Champaign
Champaign, IL
Bachelor of Science, Agricultural Engineering

University of Wales, United Kingdom
Civil Engineering Program

Professional Registrations

Professional Engineer:
Illinois 062-059098
Professional Traffic Operations Engineer: Cert. #3307

Professional Associations & Recognitions

American Society of Civil Engineers
Engineers Without Borders
Institute of Transportation Engineers

Selected Continuing Education

NATIONAL HIGHWAY INSTITUTE
AASHTO Roadside Design Guide
Planning / Designing Roadways
Highway Safety Manual

NORTHWESTERN TRAFFIC INSTITUTE
Fundamentals of Geometric Design
Advanced Geometric Design
Roundabout Design

TRAFFIC
Highway Capacity Manual
Synchro

BENTLEY
GEOPAK Training

Gregory Benske

Construction Department Head



Mr. Benske, Construction Department Head, has over 35 years of municipal, roadway, highway, and bridge construction experience. He has extensive knowledge of HMA and PCC paving, earth excavation, drainage, utilities, structural construction, traffic signals, documentation, pay estimates, change orders, and project closeout.

Summary of Relevant Project Experience

- **Phase III, US 12 / Rand Road Resurfacing (Lake-Cook Road to Golf Road, Illinois Department of Transportation –** Resident Engineer. TEG provided Phase III construction engineering services for IDOT's resurfacing and related improvements on US 12 / Rand Road through northwest Cook County. The $12M project included resurfacing, HMA surface removal, polymerized leveling binder, polymerized HMA surface course, Class D patching, curb and gutter removal and replacement, sidewalk and ADA ramp improvements, pavement markings, raised reflective pavement markers, detector loop replacement, and traffic signal coordination.
- **Phase III, IL Route 83 Resurfacing, Illinois Department of Transportation –** Project Principal. TEG provided Phase III construction engineering services for the IL Route 83 improvement in the Village of Mundelein. The $4M project was an IDOT-let roadway improvement that included resurfacing, pavement patching, curb and gutter work, sidewalk and ADA ramp improvements, pavement markings, raised reflective pavement markers, detector loop replacement, traffic signal coordination, drainage structure adjustments, erosion control, maintenance of traffic, construction documentation, and closeout support.
- **Phase III, South McLean Blvd Reconstruction, Village of South Elgin –** Project Principal. TEG provided Phase III construction engineering services for this federal-aid highway improvement administered through IDOT. The project included roadway reconstruction, resurfacing, drainage improvements, water main work, traffic signal improvements, interconnect, pavement markings, ADA improvements, landscaping, erosion control, construction documentation, and project closeout support.

Education

Marquette University
Milwaukee, Wisconsin
Bachelor of Science, Civil Engineering

Professional Associations & Recognition

ASCE
ACEC
IRTBA

Selected Continuing Education

IDOT:
Bituminous Concrete
Level I, II
Hot Mix Asphalt Aggregate Level I
ICORS
Nuclear Density Testing
Portland Cement Concrete
Level I & II

OTHER:
APWA/IDOT Project Finalization Procedures Seminar 2006

- **Phase III, Oakton Street Improvements, Illinois Department of Transportation —** Project Principal. TEG provided Phase III construction engineering services for this IDOT-let, federally funded improvement that included roadway reconstruction, bridge replacement over I-94, intersection improvements, drainage, retaining wall work, traffic signals, emergency vehicle preemption, traffic signal interconnect, ITS, lighting, ADA improvements, pavement markings, signing, landscaping, erosion control, utility coordination, construction staging, traffic control, documentation, and closeout support.
- **Phase III, Old Glenview Road Resurfacing Project, Village of Wilmette —** Project Principal. TEG provided construction engineering services for this $1.2M federally funded project consisting of resurfacing Old Glenview Road between Skokie Road and Wilmette Avenue. Coordination was required with the Village of Wilmette and City of Evanston as there was an IGA for work performed in both municipalities. Improvements included HMA surface removal and resurfacing, HMA and PCC driveway replacement, PCC sidewalk and ADA ramp upgrades, spot PCC curb and gutter replacement, pavement marking installation, and landscaping restoration throughout the corridor.

Christopher DeYoung, PE, PLS

Chief Surveyor



Mr. DeYoung is a registered Professional Engineer and Professional Land Surveyor with 20 years of experience in land surveying, design, and construction. As TEG's Chief Surveyor, he leads all surveying activities and provides accurate data for design support, field adjustments, construction layout, and as-built documentation. Chris also serves as TEG's lead drone pilot, managing a team of licensed pilots and using advanced survey technologies to deliver precise and efficient results aligned with project needs.

Summary of Chief Surveyor Project Experience

- **Phase III, Indian Trail Resurfacing (Highland Avenue to IL Route 31), City of Aurora**
- **Phase III, Indian Trail Resurfacing (County Line to Eola Road), City of Aurora**
- **Phase III, Edgelawn Drive Resurfacing Project, City of Aurora**
- **Phase I/II/III, Janes Avenue Reconstruction Project, Village of Woodridge**
- **Phase III, Bode Road Resurfacing Project, Village of Schaumburg**
- **Phase III, Springinsguth Road Resurfacing, Village of Schaumburg**
- **Phase III, Woodridge Drive Reconstruction Project, Village of Woodridge**
- **Phase III, CDBG Resurfacing Project, City of Warrenville**
- **Phase I/II/III, Gary Avenue Improvements, City of Wheaton**
- **Phase III, Wolf's Crossing Road Improvements, Village of Oswego**
- **Phase III, Old Glenview Road Resurfacing Project, Village of Wilmette**
- **Phase III, South McLean Boulevard Reconstruction, Village of South Elgin**
- **Phase II/III, Deerpath Road Streetscape, City of Lake Forest**
- **Phase II/III, Downtown Streetscape, Village of Lombard**
- **Phase II/III, Lombard Meadows Reconstruction, Village of Lombard**
- **Phase II/III, FY23 – FY25 Road Projects, City of Wood Dale**
- **Phase III, US Route 41 at Mill Creek / IL Route 176, IL Route 83 to Winchester Road, Illinois Department of Transportation**
- **Phase I/II/III, Sylvan Circle & E. Porter Avenue Roadway Improvements, City of Naperville**
- **Phase III, Julian Street Underground Improvements, City of Naperville**

thomas engineering group

Education

Purdue University
West Lafayette, IN
Bachelor of Science, Civil Engineering

Bachelor of Science, Land Surveying and Geomatics Engineer

Professional Registrations

Professional Engineer:
Illinois 062-065116
Indiana PE12000529

Professional Land Surveyor:
Illinois 035-003817
Indiana LS22100003

FAA Small UAS Pilot:
License No. 4113536

Professional Associations & Recognitions

Illinois Professional Land Surveyors Association

Selected Continuing Education

IDOT:
Documentation of Contract Quantities (#24-22763, exp. (12/09/2028)

DRAFTING AND ENGINEERING SOFTWARE
AutoCAD, Microstation, Geopak

OSHA 30hr Construction Safety and Health Certified

Matthew Vitner, PE
Project Manager



Mr. Vitner brings over 35 years of transportation and public works experience, anchored by 25 years as a Cook County Construction Supervisor overseeing roadway, bridge, and corridor improvement projects across the region. Through that work, he developed deep familiarity with IDOT District 1 practices, the local contractor community, and the construction issues common to this area. His experience includes everything from routine maintenance and rehabilitation work to major capital improvements, giving him the judgment and regional perspective to support successful project delivery.

Summary of Relevant Project Experience

- **Schoenbeck Road Reconstruction, Village of Mount Prospect –** Project Manager. The $1.8M project includes roadway and sidewalk improvements, resurfacing, pavement removal, curb and gutter removal and replacement, ADA sidewalk improvements, drainage improvements, storm sewer, pipe underdrains, retaining wall work, traffic signal work, pavement markings, signage, landscaping, erosion control, maintenance of traffic, detour coordination, utility coordination, stakeholder coordination, construction documentation, and closeout.
- **Wolfs Crossing Road and Harvey Road Improvements, Village of Oswego –** Project Manager. The scope of work included in the first phase of the $9 million improvement consisted of complete reconstruction of the existing bituminous roadways and shoulders of Wolfs Crossing Road and Harvey Road including the construction of a roundabout at a slightly realigned intersection. The new 4-lane HMA roadway was constructed atop an improved subgrade and consisted of raised landscaped medians, stamped concrete truck aprons, and a closed drainage system. The existing triple-barrel culvert was replaced with a single PCC box culvert, and extensive earthwork including three detention ponds and an overall surplus of excavation. Work also included water main (100% Local Funds), building removals, a multi-use path, PCC sidewalk, ADA ramps, raised crosswalks, street lighting, trees, pavement markings, and signing.
- **Gary Avenue Reconstruction City of Wheaton –** Project Manager. The project included roadway reconstruction, drainage improvements, utility coordination, traffic signal work, structural improvements, ADA improvements, shared-use path construction, sidewalk improvements, pavement markings, signing, landscaping, erosion control, construction documentation, and closeout support.
- **Nuclear Drive and Northwest Avenue Reconstruction Project, City of West Chicago –** Project Manager. TEG provided Phase II final design, bid assistance, and Phase III resident engineering services for the City's $3 million Nuclear Drive and Northwest Avenue Reconstruction Project. The project widened intersections to better accommodate semi-trucks, regraded drainage ditches to reduce flooding, and added PCC sidewalk to support pedestrian access within the industrial corridor. Work included pavement removal, jointed PCC pavement, street light replacement, new ADA-compliant sidewalk and ramps, driveway reconstruction with curb and gutter, hydrant relocations, adjustments to utility structures, and utility pipe repairs.

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Education
University of Illinois at Urbana-Champaign
Champaign, IL
Bachelor of Science, Civil Engineering

Professional Registrations
Professional Engineer:
Illinois 062-049656

Professional Associations & Recognitions
American Council of Engineering Companies of Illinois
American Public Works Association
Director of NW Illinois Branch (2011-2017)
Illinois Road and Transportation Builders Association

Selected Continuing Education
IDOT
Sediment and Erosion Control
Pile Driving,
Highway Maintenance
Soil Testing
Local Roads and Federal Aid Procedures
Work Zone and Highway Safety
PROWAG
GIS
Asset Management Training:
Cityworks, MicroPaver
Midwest Advanced Public Service Institute Management Program
Harold Washington College Management Training Program
FEMA Emergency Management Training
Class D Water Operators Training:
Public Water Supply Pumping, Storage, and Distribution
Congress of New Urbanism
Principles and Practice

Douglas Masters

Municipal Operations Supervisor (Design+Development)



Mr. Masters has over 25 years of experience involving municipal, county, environmental, and stormwater management design and construction. He has extensive knowledge in municipal and County infrastructure development and design. As an associate of Thomas Engineering Group, LLC, he is responsible for project design and overseeing design and construction projects as a project manager / resident engineer.

Summary of Relevant Project Experience

- **Phase II and III, FY23 – FY25 Road Projects, City of Wood Dale –** Project Manager. TEG was hired by the City of Wood Dale to provide final Phase II design engineering services, bid assistance, and Phase III resident engineering services for the FY23-FY25 Road Projects. Wood Dale unveiled a five-year, $51 million plan to update existing infrastructure beginning in 2023. This assignment covered three years' worth of City funded roadway resurfacing projects between FY23-FY25. The $5.2 million FY 2023 Street Resurfacing Program consisted of improving approximately 37,500 linear feet of roadway at 35 locations in 2022 and 2023. The professional services began in the spring of 2022 to accommodate final design, advertisement, bidding, and partial construction completion by December 31, 2022. TEG assisted the City in establishing an intergovernmental agreement between Wood Dale and the Village of Bensenville for work outside of the City's jurisdiction. During the project, the City added approximately 1,610 linear feet of water main installation to the project along Maple Avenue, between Irving Park Road and Stoneham Street. TEG completed the water main design and prepared the IEPA permit application on behalf of the City.
- **Phase III, Prince Crossing Road LAFO Resurfacing Project, City of West Chicago –** Project Manager. The project consisted of the resurfacing of Prince Crossing Road, between Geneva Road and North Avenue (IL Route 64). Work included, but was not limited to, Hot-Mix Asphalt (HMA) surface removal and HMA binder and surface course installation, thermoplastic pavement markings, detector loop replacement, curb and gutter replacement, sidewalk and ADA sidewalk ramp replacement, and all incidental and collateral work necessary to complete the project. The net length of improvements was approximately 9,270 feet (1.76 miles).
- **Phase III, Fair Meadows Subdivision Rehabilitation, City of West Chicago –** Project Manager for this $1.5M project consisting of roadway resurfacing, concrete flat work, and the installation of new streetlights within the Fair Meadows Subdivision. Improvements included pavement milling, hot-mix asphalt (HMA) binder and surface course installation, 8" ductile iron water main and water main services installation, PCC curb and gutter removal and replacement, PCC sidewalk removal and replacement, sidewalk ramp ADA panel installation, parkway/ditch restoration, manhole structure repair and adjustments, new street lights and controller reconfiguration, thermoplastic pavement markings, and all incidental and collateral work.
- **Phase II and III, Washington Street Reconstruction Project, City of West Chicago –** Project Manager. TEG secured federal funding on behalf of the City by applying for STP highway funding through the DuPage Mayors and Managers Conference. TEG was hired by the City to provide planning, design, and construction engineering services for this $1.2M STP funded pavement reconstruction project.

thomas engineering group

Education

University of Illinois at Urbana-Champaign
Champaign, IL
Bachelor of Science, Civil Engineering

Professional Associations & Recognitions

ACEC-USACE

Selected Continuing Education

IDOT QC/CQ Program
Documentation of Contract Quantities
OTHER
APWA-FV: Floodplain Management Seminar
The Conservation Foundation & DuPage County Department of Stormwater; Illicit Discharge Detection & Elimination Seminar
DuPage County: Water Quality - BMP Seminar
IDOT & APWA: Local Agency & Consultant Resident Engineer's Seminar
CMAP: CMAQ Program Workshop
APWA-Lake County: NPDES Phase II Illicit Discharge Detection
7 Elimination Workshop
South Suburban Mayor & Managers Association: Comp. Ecological Restoration

Military Service

26+ years service in Army and IL Army National Guard
One tour of Desert Shield/Storm
One tour of Operation Iraqi Freedom

Robert (Rob) Flatter, PE

Project Manager



Mr. Flatter has over 35 years of local governmental project management experience; including eight (8) years overseeing private development permit reviews and construction for the Village of Lombard, Illinois, five (5) years as Stormwater Division Manager for the County of DuPage, Illinois, and over eighteen (18) years as the Public Works Director/City Engineer for the City of West Chicago, Illinois. As the former Public Works Director/City Engineer, he was directly responsible for all aspects of the City's Capital Improvement Projects (i.e., planning, budgeting, design, construction, community relations, Infrastructure Committee liaison, etc.).

EDUCATION

Iowa State University
Ames, IA
Bachelor of Science,
Civil Engineering

PROFESSIONAL REGISTRATIONS

Professional Engineer:
Illinois 062-050089

PROFESSIONAL ASSOCIATIONS & RECOGNITIONS

American Society of Civil Engineers

American Public Works Association

American Water Works Association

Summary of Relevant Project Experience

- **Phase I/II, Burlington Avenue Reconstruction Project, Village of Lisle –** Project Manager. TEG is providing Phase I and Phase II engineering services for the reconstruction of Burlington Avenue between Yackley Avenue (west) and Illinois Route 53 (east), approximately 3,750 lineal feet. The project consists of roadway reconstruction and flood mitigation improvements to convert Burlington Avenue from a rural unimproved cross-section to an urban cross-section. Flood mitigation is a major component to the project near the East Branch DuPage River. Services include the preparation of the wetland impact and mitigation plan, as well as the performance of hydrologic/hydraulic modeling using XSPWMM-2D modeling to accommodate future improvements identified as beneficial in the Village's Stormwater Master Plan.
- **Phase II, Vernon Hills Athletic Complex (VHAC) Parking Lot Expansion, Village of Vernon Hills –** Project Manager. The Vernon Hills Athletic Complex (VHAC) Parking Expansion Project is located within the 41-acre complex owned by the Village of Vernon Hills. The complex is comprised of approximately 27 fields including baseball, softball, soccer, lacrosse, tennis courts, and football fields. The existing parking facilities located at the VHAC needed expansion to serve local and regional sporting events throughout the year. TEG was hired by the Village of Vernon Hills to prepare alternatives and a final design for parking lot expansion near 307 Nike Parkway. The desired parking lot consisted of 1.04 acres of new impervious area, demanding 0.58 ac-ft of detention according to the Lake County Watershed Ordinance. Therefore, the parking lot expansion was reduced to match the available excess detention in the existing detention basin, resulting in a parking lot expansion of approximately 0.73 acres, or roughly 100 parking spaces. Proposed site improvements included earth excavation, enclosed storm sewer drainage improvements, granular subgrade and subbase, full-depth pavement, final pavement markings, street lighting, ADA accessible facilities, and final landscaping and restoration.
- **Phase III, Briggs Street Pumping Station Replacement, City of Lockport –** Project Manager. This project includes the construction of a new pumping station and controls building with associated equipment, rerouting of and connections to existing sanitary and force main sewers, decommissioning of the existing pumping station, and site regrading. The pumping station components include a 44-ft deep wet well and influent chamber with three (3) submersible Xylem-Flygt influent pumps, ranging from 110 to 140 HP, pump retrieval system, hatches and covers, with a 10-ft deep concrete valve vault and quick connect emergency bypass pipe coupling system, prefabricated control building, pigging launch and pigging retrieval station, generator platform and generator, all associated electrical improvements and SCADA communication, and removal of the existing lift station and site restoration including new PCC sidewalk, PCC curb and gutter, PCC entrance, HMA pavement, trees, sodding, and double panel swing gate. The scope of work also includes the installation of deep, 18" to 36" diameter PVC sanitary sewer, 12" RCP storm sewer, and connection to existing 24" diameter force main.

Vince Micek, PE, CFM

Project Manager



Mr. Micek is a registered Professional Engineer and Certified Floodplain Manager with 12 years of experience in Phase I, II, and III services. Vince is experienced in roadway planning and design, hydrologic and hydraulic analysis, stormwater management, green infrastructure, erosion and sediment control, maintenance of traffic, utility coordination and relocation, permitting, constructability, value engineering, and the development of special provisions and specifications.

Summary of Relevant Project Experience

- **Phase I/II, Lake Street Streetscape and Corridor Improvement, Village of Oak Park –** Project Engineer. This project included preliminary and design engineering for Lake Street within the Village's corporate limits and a 1-block length of Marion Street north of Lake Street. Scope of work included topographic survey, streetscape features (brick intersections, decorative sidewalks, a speed table, black concrete curb, bluestone sidewalk, granite curb planters, seat walls, and gateway monument sign, structural soil, irrigation, landscaping, outdoor dining, decorative roadway and pedestrian lighting, wayfinding signage), complex ADA design, traffic signal modernization and interconnection, fiber optic for Information Technology, sidewalk vaults and survey with ground penetrating radar, complex construction sequencing and staging with detours, sanitary sewer replacement and lining, water main replacement, removal of old trolley tracks, land acquisition, and assistance with finding applications.
- **Phase I/II, Bank Lane Streetscape, City of Lake Forest –** Project Manager. Civil and landscape architectural design tasks performed by TEG included detailed site grading, ADA-compliant pedestrian access, and the design and material selection for brick pavers, decorative surfacing, and masonry walls and steps. The team's integrated approach ensured that all design elements aligned with the corridor's historic context while meeting modern accessibility and safety standards. The result is a vibrant, accessible streetscape that enhances Bank Lane's identity and supports both everyday use and special events.
- **Phase II, Deerpath Road Streetscape, City of Lake Forest –** Project Manager. TEG provided Phase II engineering services to the City of Lake Forest to create a high quality, attractive and pedestrian friendly environment for the entry way into the City's downtown area. The work consisted of tree removal and replacement, landscape plantings, earth excavation, storm sewer and drainage structures, irrigation systems, streetscape furniture and amenities, decorative lighting, erosion control, hot-mix asphalt surface removal and replacement, PCC base course, decorative PCC sidewalk, granite cobble curb, brick paver banding, brick paver crosswalks, and combination concrete curb and gutter. The project included utility coordination, Preliminary Site Investigation (PSI), permitting, watermain design, landscape design & renderings, and preparation of Plans, Specs and Estimates in accordance with IDOT/FHWA funding requirements.
- **Phase I/II, Veterans Park Streetscape, City of Hickory Hills –** Project Engineer. TEG's scope included topographic field surveys, preliminary and final civil engineering plans, and preparation of detailed construction documents for streetscape and sidewalk improvements. Civil plan elements included site layout, ADA-compliant pedestrian access, erosion control measures, and integration of stormwater pollution prevention strategies. TEG coordinated design elements to align with the City's streetscape standards and ensure a cohesive visual and functional outcome.

Education

Bradley University
Peoria, IL
Bachelor of Science,
Civil Engineering

Professional Registrations

Professional Engineer:
Illinois 062-070557

Certified Floodplain Manager:
IL-17-00800

Professional Associations & Recognitions

American Society of Civil Engineers

Illinois Association for Floodplain and Stormwater Management

Selected Continuing Education

IDOT
- IDOT Phase I Training
- IDOT Noise Wall Training
- Manual on Uniform Traffic Control Devices
- ADA Design/Inspection

ISTHA
- Barrier Warrant Analysis

Kyle Vander Zee, PE, PTOE

Project Engineer



Mr. Vander Zee is a registered Professional Engineer with 10 years of experience in roadway planning and design, project coordination, crash analysis and traffic safety studies, drainage design, capacity analysis, barrier warrant analysis, and ADA design. He is proficient in many transportation software packages including MicroStation, GEOPAK, Open Roads 3D modeling, AutoTURN, HCS, ArcGIS and HEC-HMS.

Summary of Relevant Project Experience

- **Phase II and III, Deerpath Streetscape Improvement, City of Lake Forest –** Project Engineer. TEG is providing Phase II and Phase III engineering services to the City of Lake Forest to create a high quality, attractive and pedestrian friendly environment for the entry way into the City's downtown area. The scope includes coordination with IDOT, Lake County Council of Mayors, streetscape property owners, residents, and all other project stakeholders. The project includes utility coordination, Preliminary Site Investigation (PSI), permitting, watermain design, landscape design & renderings, and preparation of Plans, Specs and Estimates in accordance with IDOT/FHWA funding requirements.
- **Phase I and II, Lake Street Improvements, Village of Oak Park –** Roadway Engineer. This project included preliminary and design engineering for the entire 1.5-mile length of Lake Street within the Village's corporate limits and a 1-block length of Marion Street north of Lake Street. For Phase I, a single project report was prepared to summarize preliminary engineering, traffic, and environmental studies and the extensive public involvement process which included the Village Board, all Village departments, three business districts, several private developer projects, IDOT, FHWA, CTA and Pace busing, a post office, a library, and many more. For Phase II, this project was separated into three major subprojects: (1) a federally-funded streetscape to the west, (2) a locally-funded resurfacing to the east, and (3) a locally-funded utilities project in the middle.

thomas engineering group

Education

Dordt University
Sioux Center, Iowa
Bachelor of Science, Engineering

Professional Registrations

Professional Engineer:
Illinois 062-072409

Professional Traffic Operations Engineer: 5550

Selected Continuing Education

BENTLEY
GEOPAK Training

MCTRANS
Highway Safety Manual and Highway Capacity Software Training

- **Phase I/II, Gary Avenue Reconstruction, City of Wheaton —** Project Engineer for Phase I engineering services for the roadway improvement project on Gary Ave from Jewell Rd to Harrison Ave. The project includes; full depth pavement reconstruction, modification to a 3-lane cross section for the northern half of the limits, traffic signal installation (signal warrant analysis, capacity analysis, and intersection design study), extending an existing triple cell box culvert, new off-street multi-use path, providing curb and gutter to replace shoulders, drainage/storm sewer design, and analysis of impacts to wetlands and floodplains. The project also required capacity analysis and concept designs for potential traffic control modifications from an all-way stop control intersection to a roundabout and traffic signal.
- **Phase II, Berwyn Township ADA improvements, Cook County, Illinois, Illinois Department of Transportation –** Project Engineer. TEG performed design of over 90 sidewalk corners to meet current ADA standards. The sidewalk corners included in this project were located along the Harlem Avenue corridor and the Ogden Avenue corridor in Berwyn Township. Individual responsibilities included development of plans, special provisions, estimates of cost and time, and compilation of maximum extent practicable (MEP) forms.
- **Phase I/II/III CBD Alley Reconstruction, Village of Westmont –** Project Engineer. TEG provides planning, design, and construction engineering services to replace the deteriorated, poorly drained alley pavement located within the Village's central business district. Design and construction responsibilities include stormwater and pavement design, plan drawings and technical specifications development, bid assistance, contract administration, shop drawing review, inspection, documentation, public relations, coordination with Westmont Public Works departments, Downers Grove Sanitary District, and utility companies, and managing staff and budget.

Jeffrey Klein, PE
Project Manager



Mr. Klein has more than 22 years of experience in municipal and roadway construction engineering and serves as a Project Manager for Phase III construction in TEG's municipal department. His background includes roadway resurfacing, pavement patching, curb and gutter replacement, sidewalk and ADA improvements, drainage structure adjustments, detector loop replacement, pavement markings, utility coordination, and traffic control on active corridors. He has managed numerous federally funded and IDOT-administered Phase III assignments requiring organized documentation, contractor coordination, public communication, and close field oversight.

Summary of Relevant Project Experience

- **Phase I/II/III, Gary Avenue Reconstruction, City of Wheaton –** Resident Engineer. TEG is delivering all three phases of engineering services for the Gary Avenue improvement project from Jewell Road to Harrison Avenue. Phase I – Preliminary Engineering: included evaluation of roadway geometry, safety, drainage, and environmental impacts, along with traffic and intersection studies. The analysis supported a new traffic signal with left turn channelization at Prairie Avenue and retaining the all way stop at Harrison due to cost and right of way constraints. Phase II – Final Design: advanced the design into final plans and specifications, including a multi use path, curb and gutter, enclosed storm sewer, and detailed signal plans. Utility coordination, environmental clearances, and agency approvals were also completed. Phase III – Construction Engineering: is ongoing, with TEG providing inspection, contractor coordination, documentation, and public communication to ensure the project is delivered on schedule and within budget.
- **Phase III, Janes Avenue Reconstruction Project, Village of Woodridge –** Resident Engineer. TEG provided Phase I, II, and II engineering services for this $2.3M federally funded STP project, utilizing STP federal funds administered through the DuPage Mayors and Managers Conference (DMMC). The project consists of the reconstruction of Janes Avenue, between 75th Street and Spring Street. The net length of improvements is approximately 0.76 miles. The project scope includes full-depth pavement reconstruction and 12" aggregate subgrade replacement, utility adjustments, intermittent curb and gutter replacement, intermittent sidewalk replacement, and ADA curb ramp upgrades.
- **Phase III, Indian Trail Road Resurfacing, City of Aurora –** Project Manager. TEG provided professional engineering services for the federally funded project with a total cost of $706K. The project consisted of the resurfacing of Indian Trial Road between Farnsworth Avenue and the Kane/DuPage County Line. Work included Hot-Mix Asphalt (HMA) surface removal and HMA binder and surface course installation, curb and gutter replacement, drainage structure adjustments, detector loop replacement, sidewalk and ADA sidewalk ramp replacement, thermoplastic pavement markings, and all incidental and collateral work necessary to complete the project. The net length of improvements was approximately 5,240 feet (0.99 miles).
- **Phase III, US Route 20 Resurfacing, Illinois Department of Transportation –** Project Manager. TEG provided Phase III resident engineering services for two adjoining IDOT resurfacing projects on US Route 20, extending from the McHenry/Kane County line to west of Plank Road for a combined length of approximately 10.9 miles ($9M). The work included milling, patching, HMA resurfacing, ditch grading, riprap, aggregate shoulders, guardrail improvements, detector loop replacement, and traffic control. This project is similar to Gilbert Avenue because it combined resurfacing, drainage-related work, detector loop replacement, traffic control, and documentation-intensive Phase III oversight performed to IDOT standards.

thomas engineering group

Education
Bradley University
Peoria, IL
Bachelor of Science,
Civil Engineering

Professional Registrations
Professional Engineer:
Illinois 062-061685

Professional Associations & Recognitions
IDOT:
Documentation of Contract Quantities (#24-21577 exp. 01/25/2028)
Culvert Hydraulics
Hot Mix Asphalt
Bridge Construction Inspection
Pavement Construction Inspection
Pavement Maintenance
Construction Material Inspection Documentation
MFT Accounting & Auditing
Piling
Small Drainage Structure
Seal Coats
NPDES Seminars
ICORS/CMMS

Maciej Konczewski, PE, RSP1

Project Engineer



Mr. Konczewski is a registered Professional Engineer with over 10 years of experience in Phase I and II services. Maciej is experienced in roadway planning and design, project coordination, traffic signal studies, maintenance of traffic, bike path design, and ADA design. He is proficient in many transportation software packages including MicroStation, GEOPAK Road, HCS, and AutoTURN.

Summary of Relevant Project Experience

- **Phase I/II, Gary Avenue Reconstruction, City of Wheaton —** Project Engineer. TEG provided Phase I engineering services for roadway improvements along Gary Avenue from Jewell Road to Harrison Avenue, including full-depth pavement reconstruction, converting the northern section to a three-lane cross section, extending a triple-cell box culvert, adding a new off-street multi-use path, replacing shoulders with curb and gutter, designing storm sewer improvements, and evaluating wetland and floodplain impacts. Two intersections were studied for traffic and safety improvements, with alternatives such as roundabouts, all-way stops, and signals. A new traffic signal at Gary and Prairie was recommended based on capacity and warrant analyses, while the existing all-way stop at Gary and Harrison was found to be the most suitable option. During Phase II, TEG advanced the design by finalizing the multi-use path, converting to an enclosed drainage system, and designing the new traffic signal at Prairie Avenue with added left-turn channelization. The project required extensive coordination with multiple agencies and stakeholders throughout both phases.
- **Phase I/II, Indian Trail Resurfacing (Highland Ave to IL Route 31), City of Aurora —** Project Engineer. TEG provided Phase I and II engineering services for this 0.6-mile STP-Local funded roadway rehabilitation between Highland Avenue and IL Route 31. The project improved safety, drainage, and pavement conditions by resurfacing the roadway, adding new B-6.12 curb and gutter, and replacing the open ditch with an enclosed storm sewer system. Variable-depth resurfacing was used to create a consistent cross-section and improve roadway slopes. Drainage upgrades included new inlets, catch basins, manholes, and storm sewer. An unnecessary guardrail near Mercy Lane was removed to eliminate a hazard. Through extensive utility coordination with Nicor and ComEd, TEG avoided utility relocations by revising the drainage design. With a nearby school, fire station, and hospital, stakeholder coordination was essential. Overall, the project extended pavement life, improved safety, and reduced long-term maintenance costs for the City of Aurora.
- **Phase I/II, Streets for Cycling, Chicago Department of Transportation —** Design Engineer. This project included Phase I and II engineering studies and design as a part of Chicago's Street for Cycling Plan 2020. The plan is designed to identify and create a 645-mile network of on-street bikeways that will encourage all Chicagoans to ride their bikes. The work included preparation of plans, design of protected bike lanes, signal improvements, and other safety measures through-out seven identified corridors by the City.
- **Phase I/II, Knollwood Drive Improvements, Village of Schaumburg —** Project Engineer. The project improvements include complete reconstruction of Knollwood Drive within the project limits. Knollwood Drive will be reconstructed to maintain one lane of traffic in each direction with bike and parking accommodations. The scope of services includes topographic survey, parking study, Intersection Design Study (IDS) of Golf Road and Knollwood Drive, traffic counts, capacity analysis, conceptual drawings, alternatives analysis, public involvement, and detailed engineering, deliverables, coordination, and reporting.

Education

University of Illinois at Chicago
Chicago, IL
Bachelor of Science,
Civil Engineering

Professional Registrations

Professional Engineer:
Illinois 062-070569

Road Safety Professional:
Certificate Number 1053

FAA Small UAS Pilot:
License No. 4336986

Selected Continuing Education

National Association of City Transportation Officials
Urban Bikeway Design

Bentley
GEOPAK Training
Advanced GEOPAK Training

James Yuratovac, PE, PTOE, RSP2I

Senior Project Manager



Mr. Yuratovac is a senior leader in transportation engineering with over 25 years of professional experience, with the last 20 years dedicated to the management and delivery of complex Phase I and II Engineering programs. Jim is recognized as a leading traffic safety expert in Illinois, having served as a Traffic Safety Program Manager for IDOT for 10 years and leading Kane County's Annual Safety Assessment for the last 8 years. This tenure showcases his ability to maintain long-term agency partnerships while utilizing predictive safety modeling and HSM methodologies to deliver practical, implementation-ready infrastructure solutions.

Summary of Relevant Project Experience

- **Phase I/II, Gary Avenue Reconstruction, City of Wheaton —** Project Manager. TEG provided Phase I engineering services for the roadway improvement project on Gary Ave from Jewell Rd to Harrison Ave. The project includes full depth pavement reconstruction, modification to a 3-lane cross section for the northern half of the limits, traffic signal installation (signal warrant analysis, capacity analysis, and intersection design study), extending an existing triple cell box culvert, new off-street multi-use path, providing curb and gutter to replace shoulders, drainage/storm sewer design, and analysis of impacts to wetlands and floodplains. Two intersections within the project limits were analyzed for traffic and safety improvements. Roundabouts, all-way stop and signalized intersections were considered for each. Gary at Prairie was identified for a new traffic signal installation based upon the capacity analysis and signal warrants which was supported by the benefit-cost analysis. The study determined the existing all-way stop control at the intersection of Gary at Harrison was the best option after consideration of the economic impacts and impacts to adjacent property owners. TEG also provided Phase II design engineering services. Key elements included the introduction of an off-street multi-use path, transitioning to an enclosed drainage system, and the installation of traffic signals at Prairie Ave, complemented by added left turn channelization.
- **Phase I/II, Melvina Avenue Corridor Improvements, Village of Niles —** Project Manager. The Melvina Avenue Improvement, from Touhy Avenue to Gross Point Road, includes three (3) specific scope items that, when combined, will address the capital needs of this corridor for many years to come: Roadway Reconstruction, Geometry, and Streetscape, Traffic Operations and Signage, and Watermain Replacement. The primary goal for this coordinated utility improvement project is to provide long-lasting public water main distribution and roadway infrastructure along the Melvina Avenue corridor, while improving traffic operations, safety, and upgrading pedestrian amenities. The critical items for the success of the project are improving traffic operations, coordination with retail properties, coordination with the City of Chicago, coordination with the Touhy Triangle Redevelopment Plans, and minimizing major traffic disruption during construction. The project will renew the infrastructure and provide premium roadway and streetscape surfaces. Utility concerns will be addressed so that the service life of the buried utilities matches the service life of the roadway and streetscape surface elements. The project is programed for TIF and water funding sources.
- **Phase I/II, Weathersfield Way Project, Village of Schaumburg —** Project Manager. TEG is providing Phase I and II Engineering services for STP resurfacing of Weathersfield Way in the Village of Schaumburg. Project has existing 1 lane of travel and bike lane in each direction. The project includes HMA pavement resurfacing (5"), pavement patching, sidewalk/curb ramp upgrades, minimal curb and gutter repairs, and pavement markings. TEG is also providing alternative options for an off-street multi-use path and on-street parking lanes within the project limits.

Education

University of Illinois at Urbana-Champaign
Champaign, IL
Bachelor of Science,
Material Science and Engineering

Professional Registrations

Professional Engineer:
Illinois (062-060059)

Professional Traffic Operations Engineer: Certificate Number 4071

Road Safety Professional Infrastructure (RSP2I):
Certificate Number 170

Professional Associations & Recognitions

Institute of Transportation Engineers
Illinois Road and Transportation Builders Association

Selected Continuing Education

Traffic Engineering and Safety Conference
Intersection Safety & Geometric Design
UIUC Advanced Traffic Capacity Workshop
Traffic Calming Design Guidelines
Highway Capacity Design – ITE
Highway Capacity Analysis
IDOT – Road Safety Assessment

Matthew Champine, PE

Project Manager



Mr. Champine is a registered Professional Engineer with over 20 years of experience. Along with construction management services, Mr. Champine also performs drafting and other design services. He has knowledge and experience pertaining to earth excavation, drainage systems, water main installation, landscaping, and PCC and bituminous paving. Specific responsibilities include documentation of construction activities and contract quantities, site surveying, plan review and quantity verification.

Summary of Relevant Project Experience

- **Phase III, Lombard Meadows Project, Village of Lombard —** Resident Engineer. This $1.6M residential project included the removal and replacement of Magnolia Circle and Cherry Lane. Improvements included replacement of PCC sidewalk with ADA ramp improvements, installation of new LED street lights, installation of new storm sewer and water main systems, sanitary sewer lining, installation of new water services and sanitary services, driveway replacements, and landscaping.
- **Phase III, Westmore-Meyers Resurfacing Project, Village of Lombard –** Resident Engineer. This project included the resurfacing of Westmore-Meyers Road between IL 38 (Roosevelt Road) and St. Charles Road as well as improvements to path crossings at the Illinois Prairie Path and the Great Western Trail. Items of work included hotmix asphalt surface removal, pavement patching, construction of new ADA compliant curb ramps, and placement of hot-mix asphalt binder and surface courses. Path improvements included sidewalk reconstruction, construction of bicycle/pedestrian railing, solar-powered flashing beacons, and new signage.
- **Phase III, Roosevelt Road Water Main Lining Rehabilitation, Village of Lombard –** Resident Engineer. The first phase of this two-stage project included the rehabilitation of approximately 7,000 linear feet of distribution main, ranging from 8” to 12” diameter watermain, along IL Route 38 (Roosevelt Road) from Finley Road to Wisconsin Avenue. The scope of work included lining the existing watermain in the Roosevelt Road right-of-way, temporary bypass watermain - including temporary water services from 1” to 6” diameter, maintaining and reinstating services, replacement of valves, hydrants and fittings, and segments of new watermain construction including all appurtenances.
- **Phase III, Julian Street Underground Improvements, City of Naperville —** Resident Engineer. TEG provided construction engineering services for this $3.1M locally funded improvement project. The intent of the project was to provide flood control of a subdivision that is highly susceptible to flooding, and replacement of the severely deteriorated pavement. The improvements consisted of installation of 36” storm sewer with specialty structures providing capacity for storm water storage, installation of approximately 1 mile of new 8” water main, installation of approximately ½ mile of 8” sanitary sewer, roadway reconstruction with new curb & gutter and full depth HMA pavement, sidewalk replacement and installation, street lighting installation, and landscape restoration.
- **Phase III, Addison Creek CDBG Storm Sewer Improvements, Village of Bensenville —** Resident Engineer. TEG provided Phase III resident engineering services for Phase 1 of the Addison Creek Storm Sewer Improvements. This $2.5M project was funded in part with Federal dollars under the Community Development Block Grant – Disaster Recovery (CDBG-DR) Program, administered by the DuPage County Community Development Commission (CDC). The work included the installation of approximately 3,375 linear feet of storm sewer, ranging from 12” diameter to 48” diameter, including approximately 560’ of 30” RCP storm sewer, 1,121’ of 36” RCP storm sewer, 1,539’ of 48” RCP storm sewer, 155’ of various sized storm sewer, pavement patching and final landscape restoration. The project also included the installation of approximately thirty (30) precast concrete manholes, ranging from 5’ diameter to 9’ diameter. Challenges overcome included the discovery and replacement of unexpected lead water service lines during construction.

Education

Michigan State University
Lansing, MI
Bachelor of Science,
Civil Engineering

Professional Registrations

Professional Engineer:
Illinois 062-065667

Selected Continuing Education

E-Builder Trained

IDOT:

Documentation of Contract Quantities (#23-20510, exp. 2/22/2027)

Portland Cement Conc. Level I

Concrete Structures (IDOT STTP-S13)

Soils Field Testing & Inspection (STTP-S33)

CDOT CCE Resident Engineer Training

CDOT ADA Ramp Inspection Training

Jacob Cross, PE
Resident Engineer



Mr. Cross has 6 years of construction management experience involving inspection and contract administration on projects administered by IDOT, the Illinois Tollway, and local agencies. His experience includes roadway resurfacing, curb and gutter replacement, sidewalk and ADA improvements, drainage and utility structure adjustments, detector loop replacement, traffic signal improvements, street lighting, and pavement markings. Jacob is IDOT Documentation certified and proficient in CMMS, with hands-on experience in daily reports, quantity documentation, pay item tracking, and organized project files.

Summary of Relevant Project Experience

- **Phase III, Old Glenview Road Resurfacing Project, Village of Wilmette —** Resident Engineer. TEG provided construction engineering services for this $1.2M federally funded project consisting of resurfacing Old Glenview Road between Skokie Road and Wilmette Avenue. Coordination was required with the Village of Wilmette and City of Evanston as there was an IGA for work performed in both municipalities. Improvements included HMA surface removal and resurfacing, HMA and PCC driveway replacement, PCC sidewalk and ADA ramp upgrades, spot PCC curb and gutter replacement, pavement marking installation, and landscaping restoration throughout the corridor.
- **Phase II/III, Deerpath Road Streetscape, City of Lake Forest –** Assistant Resident Engineer. Jacob led Phase III field delivery for the City of Lake Forest's downtown gateway improvements, serving as the day-to-day point of contact for construction, documentation, and public coordination. He managed maintenance of traffic, verifies ADA geometry before and after pours, coordinates submittals and RFIs, and aligns materials testing and pay quantities in CMMS. Jacob oversaw contractor staging, utility coordination, and restoration, and he documents progress with photos and measured quantities for clear pay estimates and change tracking. Field work included installing granite cobble curb, decorative paver banding and crosswalks, decorative PCC sidewalk, upgrades to historic street lighting, and final grading and ADA features.

Education
University of Illinois at Urbana-Champaign
Champaign, IL
Bachelor of Science, Civil Engineering

Professional Registrations
Professional Engineer: 062-076652

Selected Continuing Education
IDOT:
BDE – Revised Training for Regulated Substances, Construction Projects & Special Provisions
CMMS Training
Documentation of Contract Quantities (#23-20519, exp. 02/22/2027)
Erosion and Sediment Control Module I & II
Mixture Aggregate Technician
PCC Level I
STTP S-33 Soils Field Testing and Inspection Course

- **Phase III, Bode Road Resurfacing Project, Village of Schaumburg –** Construction Inspector. TEG provided professional engineering services for this $1.7M federally funded project. The project consisted of roadway resurfacing and traffic signal improvements on Bode Road from Springinsguth Road to Barrington Road. The scope of work included non-special waste disposal, HMA surface removal, HMA binder and surface course installation, sidewalk and ADA ramp replacement, curb and gutter replacement, detector loop replacement, handhole reconstruction, video detection system installation, traffic and pedestrian signal upgrades, guardrail removal and thermoplastic pavement markings.
- **Phase III, Short Street/Ohio Street/Ohio Court Resurfacing Project, Village of Lisle –** Construction Inspector. This $750K federally funded STP resurfacing project consisted of HMA resurfacing of Short Street from IL Route 53 to Ohio Court, Ohio Court from Short Street to Ohio Street, and Ohio Street from Ohio Court to Yackley Avenue (DuPage CH 40). The project also featured the installation of dynamic speed feedback warning signs and updating street signs to comply with MUTCD reflectivity standards. Construction traffic was carefully coordinated with the surrounding commercial properties along the route.

Jack Bort, PE
Resident Engineer



Mr. Bort has more than 8 years of experience in construction management and project oversight. As a lead inspector on complex civil engineering projects, he has developed strong skills in contractor coordination, field issue resolution, project documentation, estimating, and materials supervision. He works effectively with contractors and stakeholders to identify challenges and help resolve them with practical, thoughtful solutions. He is IDOT Documentation Certified.

Education
Valparaiso University
Porter County, IN
Bachelor of Science, Civil Engineering

Professional Registrations
Professional Engineer:
Illinois 062-075051

FAA Small UAS Pilot:
License No. 4937794

Selected Continuing Education
IDOT:
Documentation of Contract Quantities (#25-22824, exp. 01/21/2029)

Summary of Relevant Project Experience

- **Phase III, PTB 209-007 - Oakton Street over I-94 (Edens Expressway), Illinois Department of Transportation –** Construction Inspector. TEG is providing Phase III engineering services for the replacement of the deteriorated structure carrying Oakton Street over I-94. The bridge will be reconstructed to accommodate the future widening of I-94, with the vertical clearance increased to 16'5". Pedestrian and bicycle paths will be constructed on the new Oakton Street bridge. The project also involves HMA resurfacing of the intersection east of the bridge. Traffic signals at Oakton Street/Gross Point Road/Central Avenue will be upgraded, and an eastbound right-turn lane will be added. The underpass lighting will also be upgraded to LED, and the intersection lighting at Oakton Street/Gross Point Road will be replaced with combination traffic signal poles. Additionally, the stairs near Niles West High School will be reconstructed, and several PACE bus pads will be constructed within the project limits.
- **Phase III, Edens Spur (I-94) over Route 41/Union Pacific Railroad and Pfingsten Road over I-94, Illinois Tollway –** Construction Inspector. Replacement of six bridges and rehabilitation of Skokie Boulevard. Bridge demolition, concrete and steel beam erection, pavement, piling, and sewer were incorporated on this project. Documented General Contractor's progress and processed accurate and timely project payments. Inspected construction of superstructures, substructures and roadway to ensure the safety, longevity and adherence to plans. Monitored and ensured materials and installations complied with plans and specs. Performed calculations to check for design errors, safety concerns and construction conflicts. Documented jobs extensively with accurate and timely submissions of IDRs, traffic safety reports, PCMS logs, erosion control reports, and T&M. Created schedule for what tasks were covered by which inspector daily. Ran majority of pile driving operations and logs and taught others how to document and properly analyze pile driving operations.
- **Phase III, Bridge Rehabilitation, Sign Replacement, and Resurfacing, IL 120 over Canadian Pacific Railroad and Greenleaf Avenue, Illinois Department of Transportation –** Project Manager. Rehabilitation of four bridges over Canadian Pacific Railroad, two bridges over Greenleaf Avenue. The scope of the project also included the resurfacing and related roadway work. Project Manager of this project, where we were subcontracted by Martam. Oversaw the bridge and noise abatement wall construction. Coordinated on-site issues with the Prime Contractor to have site conflicts and plan issues addressed and corrected. Organized and scheduled labor, equipment, and order of operations. Drafted and submitted demolition plans as well as document all our site work and costs.
- **Phase III, Pump Station No. 8 Relocation on US 14, City of Des Plaines –** Project Manager. Estimated project, executed subcontractor and contract payouts, authored AUPs, RFIs, T&M and change orders. Directed subcontractors, documented project work, and coordinated resolutions of project issues. Many utility conflicts were resolved to install the braced excavation to begin the project. Project work included braced excavation, inlet/outlet, discharge mains, concrete and masonry work, maintenance of existing pump station, mechanical work for new submersible wet pit pumps, new heating and ventilation system, piping for pumps and recirculation system, motor control center, electric control system, Intrusion AEGIS, fire alarm, lighting and Supervisory Control and Data Acquisition system.

Hyder Syed
Resident Engineer



Mr. Syed has more than 18 years of experience in construction engineering, inspection, and documentation on a variety of projects, including roadway, industrial, and drainage improvements. He is proficient in quality control procedures, particularly in the area of field inspection. His experience includes measuring and documenting completed work, preparing reports, maintaining site records, and coordinating effectively with subconsultants, clients, and contractors. He is IDOT Documentation Certified.

EDUCATION
Jawaharlal Nehru Technological University - Hyderabad, India,
Bachelor of Science, Civil Engineering

SELECTED CONTINUING EDUCATION
IDOT:
Documentation of Contract Quantities (#23-20666, exp. 02/22/2027)

CDOT 2017 QC/QA Lessons Learned: Best Practices (2017)

Summary of Relevant Project Experience

- **Phase III, Deerfield Road Reconstruction, Village of Deerfield –** Construction Inspector. TEG provided construction inspection services for 2.39 miles of full and partial pavement reconstruction in Deerfield and Highland Park. Work included HMA surface removal and resurfacing, pavement patching, pavement removal and replacement with full depth HMA and jointed PCC pavement, combination concrete curb and gutter, storm sewer, cured-in-place pipelining of sanitary sewer and water main replacement in the Village of Deerfield, new sidewalk, bridge resurfacing over the Middle Fork and West Fork of the North Branch of the Chicago River, and modernization and interconnection of ten traffic signals. The project also included the replacement of the superstructure for the Deerfield Road bridge over Berkeley Road and repairs to the Deerfield Road bridges over Union Pacific Railroad/Old Skokie Highway and US 41.
- **Phase III, Edens Spur (I-94), Tri-State Tollway (I-294), Roadway and Bridge Reconstruction, M.P. 25.2 (Tri-State Tollway) to M.P. 30.0 (Edens Expressway) Illinois State Toll Highway Authority –** Construction Inspector/Closeout Assistance. TEG provided construction management and construction inspection services for 4 miles of reconstruction of the Edens Spur from Lake Cook Road to US-41. The project consisted of four separate contracts with an estimated construction cost of $75 million. Thirteen separate bridges were reconstructed along with full pavement reconstruction, lighting, drainage and earthwork. TEG performed on-site inspection, reviewing layout of contract including design changes, preparing records, maintaining documentation, submitting pay estimates and change orders.
- **Phase III, Green Bay Avenue Reconstruction and E. 84th Street New Construction, Chicago Department of Transportation –** Field Engineer. This project included complete removal and replacement of the deteriorated Green Bay Avenue between 83rd Street and 86th Street. The new and improved roadway consists of PCC Base Course, Warm Mix Asphalt (WMA) overlay and WMA pervious parking lanes. Also, 84th Street was extended through a long undeveloped field from Green Bay Avenue to now intersect with Lake Shore Drive. Improvements also included PCC sidewalk and ADA ramp improvements, upgrading the streetlights to new LED roadway lights, removing a large concrete retaining wall, earthwork and rock excavation, embankment construction, non-special waste handling, installation of new drainage system (including elliptical and box-culvert pipes), installation of new sanitary sewer, sidewalk installation, driveway replacements, signage, striping, installation of new trees and landscaping. TEG responsibilities include overall project management and contract administration consisting of constructability review of contract documents, utility coordination and management, public outreach and coordination, shop drawing reviews, construction layout verification, construction inspection, documentation, and coordination with Chicago Department of Transportation (CDOT), Chicago Department of Water Management (DWM).
- **Phase III, Water Supply Project, Morton Grove-Niles Water Commission –** Field Engineer/Inspector for the $15 million Contract 1 (Transmission main construction and roadway restoration over 4 miles on residential streets within the Village of Skokie) as part of an $80 million water transmission main project. TEG was a subconsultant for the project and provided resident engineering services, project controls, as well as inspection support for key components of this project. The overall project involved installation of new water-transmission main over 7-miles in total length, various water main components, 2 new pump stations, one in Evanston and Morton Grove, a 90-foot-tall standpipe, water and sewer services for the communities, and roadway, sidewalk, and curb and gutter improvements along the route.

Kent Williams, QCSI

Resident Engineer



Mr. Williams has more than 20 years of construction management experience involving bridge, roadway, and municipal facility projects. He has developed broad construction knowledge through work for IDOT, ISTHA, CDOT, counties, and various municipalities. His experience includes bridge construction and rehabilitation, bituminous and concrete paving, earth excavation, drainage, structural construction, lighting, and signalization. He is IDOT Documentation Certified and proficient in IDOT's CMMS web based system.

EDUCATION

Illinois State University
Normal, IL
Bachelor of Science
Industrial Technology

SELECTED CONTINUING EDUCATION

American Stormwater Institute (ASI):
Qualified Construction Stormwater Inspector (QCSI)
IDOT:
Documentation of Contract Quantities (#24-21557, exp. 01/16/2028)
Electronic RE Visual Training
HMA Level I & II
PCC Level I & II
RE Materials Documentation

Summary of Relevant Project Experience

- **Phase III, South McLean Boulevard Reconstruction Project, Village of South Elgin –** Assistant Resident Engineer. TEG is providing construction engineering services for this $12.8M reconstruction project on South McLean Boulevard between Stearns Road and Spring Street. South McLean Boulevard is being reconstructed from an unconfined roadway to a fully curbed cross section with additional lanes, landscaped median, and additional turn lanes. Full road closures and detour routes will be implemented throughout this multi-stage, multi-year project. Scopes of work include earth excavation, aggregate subgrade improvement, HMA and PCC pavement, HMA bike path construction, HMA and PCC driveway replacement, storm sewer construction, water main relocation, traffic signal installation, and noise wall construction along the eastern project limit.
- **Phase III, Deerfield Road reconstruction, Village of Deerfield –** Construction Inspector. This $25M reconstruction project included new signalized intersections, modernization and interconnection of 10 intersections, video detection and communication system installation, HMA surface removal and resurfacing, pavement patching, pavement removal and replacement with full-depth HMA and jointed PCC pavement, combination concrete curb and gutter, storm sewer install, cured-in-place pipe lining of sanitary sewer and water main replacement in the Village of Deerfield, new sidewalk, bridge resurfacing for two bridges over the Middle Fork and West Fork of the North Branch of the Chicago River.
- **Phase III, Benedictine Parkway Improvement, Village of Lisle –** Resident Engineer. TEG provided construction engineering services for this $720K federally funded project administered through IDOT Bureau of Local Roads & Streets and Bureau of Construction. The improvements consisted of widening Benedictine Parkway to accommodate a right turn lane at the intersection of Maple Avenue, signal improvements and modifications, ½ mile of roadway rehabilitation on Benedictine Parkway, curb and gutter removal and replacement to correct localized poorly drained areas, drainage improvements at Benedictine Parkway and Maple Avenue, and ADA improvements throughout the corridor.
- **Phase III, PTB 203-003, Various Construction Inspection Projects, Various Routes, Various Counties, Region 1/District 1, Illinois Department of Transportation —** Construction Inspector. TEG provided Phase III engineering services to support IDOT resident engineers/technicians on various construction projects during the 2022 and 2023 construction seasons. Assignments include resurfacing (SMART, Standard and/or Designed overlays), pavement patching, drainage work, safety countermeasures, curb and gutter removal and replacement, ADA sidewalk, pavement marking, joint routing, and joint sealing, bridge deck overlay, bridge replacement, and/or channelization.
- **Phase III, Bode Road Resurfacing Project, Village of Schaumburg –** Construction Inspector. TEG provided professional engineering services for this $1.7M federally funded project. The project consisted of roadway resurfacing and traffic signal improvements on Bode Road from Springinsguth Road to Barrington Road. The scope of work included non-special waste disposal, HMA surface removal, HMA binder and surface course installation, sidewalk and ADA ramp replacement, curb and gutter replacement, detector loop replacement, handhole reconstruction, video detection system installation, traffic and pedestrian signal upgrades, guardrail removal and thermoplastic pavement markings.

Stephen Vandeveer, ISA Certified Arborist

Technical Manager



Mr. VanDeveer is a Construction Manager and ISA Certified Arborist with Phase I, II, and III experience in construction management and environmental work. He has more than 21 years of experience in vegetation management, tree surveys, landscape design, roadway, bridge, and utility construction. His background includes specialized training in tree risk assessment, tree health maintenance during construction, and erosion and sediment control management.

Summary of Relevant Project Experience

- **Phase III, Sylvan Circle & E. Porter Avenue Roadway Improvements, City of Naperville –** Arborist / Resident Engineer. The scope of the project included a complete roadway reconstruction of Sylvan Circle and E. Porter along with replacement of the existing watermain and portions of the existing sanitary sewer. As part of the roadway reconstruction these local roads will be brought up to City standards to include storm sewer and curb & gutter to help alleviate localized flooding due to existing ditch drainage. TEG's in-house arborist and construction management expertise were critical to designing the improvements with the least impact on the neighborhood and establishing realistic expectations of the residents. TEG's Resident Engineer coordinated extensively with the contractor, City, and residents to keep all stakeholders up to date on progress and upcoming activities and closures. Coordination with over 40 residents was crucial to the success of the project.
- **Phase III, US Route 20 Resurfacing, Illinois Department of Transportation –** Construction Inspector. TEG provided resident engineering services for two adjoining IDOT resurfacing projects on US Route 20, extending from the McHenry/Kane County line to west of Plank Road for a combined length of approximately 10.9 miles ($9M). The work included milling, patching, HMA resurfacing, ditch grading, riprap, aggregate shoulders, guardrail improvements, detector loop replacement, and traffic control.

Education

Eastern Illinois University
Charleston, IL
Bachelor of Fine Arts

Professional Registrations

ISA Certified Arborist IL-9190A

ISA TRAQ Certified, Tree Risk Assessment Qualified

IDOT Erosion and Sediment Control Certified Inspector

OSHA 30 Hour Construction Certified

IRTBA Landscape and Erosion and Sediment Control Subcommittee Member

Selected Continuing Education

IAA Winter Tree ID Advanced Training

IAA Summer Tree ID Advanced Training

APWA Tree Maintenance & Urban Forestry Advanced Training

- **Phase III, I-80 Rehabilitation, Illinois Department of Transportation –** Construction Inspector. As a subconsultant field technician, Mr. VanDeveer supported four Phase III I-80 rehabilitation contracts in IDOT District One, covering more than 30 miles of milling, patching, resurfacing, bridge repairs and rehabilitation, and signing improvements in Troy, Joliet, Rockdale, and New Lenox. This experience is relevant to Gilbert Avenue because it involved large-scale resurfacing and repair operations under active traffic, requiring field coordination, documentation, and close attention to construction impacts and corridor conditions.
- **Phase I/II, William Tiknis Campus Expansion Project, Hanover Township –** Arborist. This project includes the development of a 17.5-acre lot. Services include a topographic site survey of the heavily wooded property, tree survey, identification of significant trees, tree protection program, tree replacement program, wetland delineation, drainage design including green infrastructure considerations, landscape design, roadway design, utility design, trail design, the preparation of construction documents, and bidding assistance to the Township.
- **Phase II, Illinois Route 60/83 Reconstruction, Illinois Department of Transportation –** Arborist. As a subconsultant, TEG is providing Phase II engineering services for the IL Route 60/83 reconstruction project. As part of our scope, TEG performed a tree survey for approximately 4,000 trees throughout the corridor.

Brittany Carney

Project Coordinator



Ms. Carney has 7 years of experience specializing in documentation of contract quantities for large scale infrastructure projects, including the Illinois Tollway and the Illinois Department of Transportation. Her experience includes construction inspection, documentation of contract quantities, GIS data collection, and tree surveys. On this project, Brittany will maintain documentation and assist with inspection.

EDUCATION

University of Illinois Urbana-Champaign, IL
Bachelor of Science, Natural Resources and Environmental Science

PROFESSIONAL REGISTRATIONS

Illinois Department of Agriculture Pesticide License #CNA103655

SELECTED CONTINUING EDUCATION:

HALFMOON EDUCATION, INC: Wetland Compliance and Permitting Seminar
Stream Restoration in Illinois

IDOT:
Documentation of Contract Quantities (#25-23718 exp. (07/1/2029)

Erosion and Sediment Control Modules I

Summary of Relevant Project Experience

- **Gary Avenue Reconstruction City of Wheaton –** Documenation Specialist. The project included roadway reconstruction, drainage improvements, utility coordination, traffic signal work, structural improvements, ADA improvements, shared-use path construction, sidewalk improvements, pavement markings, signing, landscaping, erosion control, construction documentation, and closeout support.
- **South McLean Boulevard Reconstruction Project, Village of South Elgin –** Documentation Support. TEG provided construction engineering services for this reconstruction project on South McLean Boulevard between Stearns Road and Spring Street. South McLean Boulevard was reconstructed from an unconfined roadway to a fully curbed cross section with additional lanes, landscaped median, and additional turn lanes. Full road closures and detour routes were implemented throughout this multi-stage, multi-year project. Scopes of work included earth excavation, aggregate subgrade improvement, HMA and PCC pavement, HMA bike path construction, HMA and PCC driveway replacement, storm sewer construction, water main relocation, traffic signal installation, and noise wall construction along the eastern project limit.
- **Indian Trail Road Resurfacing, City of Aurora –** Documenation Specialist. TEG provided professional engineering services for the federally funded project with a total cost of $706K. The project consisted of the resurfacing of Indian Trial Road between Farnsworth Avenue and the Kane/DuPage County Line. Work included Hot-Mix Asphalt (HMA) surface removal and HMA binder and surface course installation, curb and gutter replacement, drainage structure adjustments, detector loop replacement, sidewalk and ADA sidewalk ramp replacement, thermoplastic pavement markings, and all incidental and collateral work necessary to complete the project. The net length of improvements was approximately 5,240 feet (0.99 miles).
- **Wolfs Crossing Road and Harvey Road Improvements, Village of Oswego –** Documentation Support. TEG was hired by the Village of Oswego to provide Phase III construction engineering and administer the first of ten construction segments for the Wolfs Crossing corridor improvements in Kendall County. The project corridor extends along Wolfs Crossing Road from US 34/IL 71 east to Eola Road/Heggs Road, connecting downtown Oswego to 95th Street in the City of Aurora. The $9 million federally funded first phase included full reconstruction of Wolfs Crossing Road and Harvey Road, construction of a roundabout at a realigned intersection, and development of a new four-lane HMA roadway with improved subgrade, raised landscaped medians, stamped concrete truck aprons, and a closed drainage system.
- **Longmeadow Parkway Bridge Construction, Kane County Division of Transportation –** Environmental Scientist. This $25M project is part of Kane County's Longmeadow Parkway Corridor Improvement, creating a new roadway connecting Huntley Road to Algonquin Road. The Fox River Bridge project included construction of a new 4-span bridge, MSE Walls, Pedestrian Bridge, detention basins, storm sewer system, roadway, lighting and infrastructure for a future tolling system. Individual responsibilities included onsite erosion and sediment control inspections during construction, nursery inspections, plant delivery inspections, and final tree and shrub evaluation report post construction.

AGREEMENT BETWEEN THE VILLAGE OF WESTERN SPRINGS AND BAXTER & WOODMAN, INC. FOR PROFESSIONAL ENGINEERING CONSULTING SERVICES
Master Services Agreement

THIS MASTER SERVICES AGREEMENT (hereinafter, the "Agreement" or the "Contract") is made this _____th day of _____, 2026, by and between the VILLAGE OF WESTERN SPRINGS (hereinafter referred to as "Village") and BAXTER & WOODMAN, INC. (hereinafter referred to as "Consultant"). Village and Consultant may be referred to in this Agreement individually as a "Party" or jointly as the "Parties". This Agreement governs all purchased Products and Services, as set forth below, provided by Consultant to the Village.

WITNESSETH:

In consideration of the mutual covenants set forth herein, the Parties agree as follows:

1. Scope of Work: The Village may, from time to time, request the Consultant to perform professional engineering and related services. Each project shall be authorized only upon the Village's issuance of a written request and the Consultant's submission of a corresponding proposal, quote, or purchase order (each, a "Proposal"). No Services shall be performed unless and until the Village has approved the applicable Proposal in writing.

   Each approved Proposal shall constitute a separate Statement of Work and shall define the specific Services, Deliverables, schedule, and compensation for the project. The Consultant shall perform all Services in accordance with the terms of this Master Services Agreement and the applicable Proposal. If the Village requests any change that affects the Services or Deliverables under an approved Proposal, the Consultant shall follow the change-control procedure described in that Proposal. In the event of any inconsistency between this Master Services Agreement and any Proposal or other document submitted by the Consultant, the terms of this Master Services Agreement shall control.

2. Payment:
   A. Contract Sum: The Contract Sum for the Consultant 's performance of the Services (the "Contract Sum") shall be calculated as set forth on each Schedule of Fees in subsequent proposals, which shall be incorporated by reference into this Agreement.

      To the extent required by applicable Law or requested by the Village, the Consultant must also submit to the Village (all in a form reasonably satisfactory to the Village) with each invoice a sworn statement setting forth all subcontractors, consultants, agents or any other person or entity with which the Consultant contracts to perform a portion of the Services (the Consultant Related Parties) retained by the Consultant in connection with the performance of the Services, together with a lien waiver from the Consultant and each such Consultant Related Party covering the amounts for which payment is then being sought.
   B. Payment: The Village will pay all amounts properly owing to the Consultant as set forth in each invoice pursuant to the Illinois Local Government Prompt Act (50 ILCS 505/1, et seq.).
   C. Withholding Payment: Notwithstanding anything to the contrary herein contained, no compensation will be paid to or claimed by the Consultant for services required to correct deficiencies attributable to errors or omissions of the Consultant and/or any Consultant Related Party, and all such errors or omissions must be corrected by the Consultant at its sole cost and expense. Notwithstanding anything to the contrary herein contained, the Village has the right to withhold from payment due the Consultant such sums as are reasonably necessary to protect the Village against any loss or damage which may

result from: (i) the negligence of or unsatisfactory Services of the Consultant; (ii) the failure by the Consultant to perform the Consultant's obligations hereunder; or (iii) claims filed against the Village relating to the Services. Any sums withheld from the Consultant as provided in this section, and subsequently determined to be due and owing to the Consultant, will be paid to the Consultant.

D. Appropriation of Funds. The Parties hereto agree that, if the term of this Agreement extends beyond the current fiscal year of the Village (the current fiscal year being the year in which the first date of the term of this Agreement falls), this Agreement is subject to the appropriation of funds by the Village Board of Trustees and/or any other funding agencies for each subsequent year. If the Village, and/or any other governmental agency providing funding for this Service, fails to make such an appropriation, the Village may terminate this Agreement and the Consultant will be entitled to receive, as its sole and exclusive remedy, compensation for Services properly performed to the date of termination to the extent the Village has funds available and appropriated to pay the Consultant such amount. To the extent the Illinois Department of Transportation ("IDOT"), the Federal Transit Administration ("FTA") or another governmental agency is providing funding to pay all or a portion of the Contract Sum, this Agreement and the obligation of the Village to pay the Contract Sum is contingent upon approval of this Agreement (if required by the relevant governmental agency) and appropriation of the relevant funding by the relevant governmental agency (which may in turn be contingent upon an appropriation of funds to such governmental agency by the Illinois General Assembly or the federal government). If any such governmental agency fails to approve this Agreement (if approval is required by the governmental agency), appropriate such funding or provide such funding, the Village may terminate this Agreement and the Consultant will be entitled to receive, as its sole and exclusive remedy, compensation for Services properly performed to the date of termination to the extent the Village has funds available and appropriated to pay the Consultant such amount. Upon the request of the Consultant, the Village will inform the Consultant as to whether any governmental agency other than the Village is providing funding to pay all or a portion of the Contract Sum and the status of approval of this Agreement by any such agency. In the event of a conflict between this Agreement and any funding agreement between the Village and a governmental agency providing funding to pay all or a portion of the Contract Sum, the terms of such funding agreement will control.

E. Records. The Consultant's records relating to the Services must be kept in accordance with generally accepted principles of accounting consistently applied and must be retained by the Consultant for a period of not less than five (5) years following the completion of the Services. Such records must be available to the Village or any authorized representative of the Village, upon reasonable prior notice, for audit and review during normal business hours at the Village offices, 740 Hillgrove Ave, Western Springs, IL 60558. In addition, such records must be available, upon reasonable prior notice, for audit and review by any other governmental agency providing funding for all or any portion of this Service.

3. Contract Documents: This Agreement is a Master Services Agreement and shall be the agreement for all projects authorized by the Village. This Agreement shall be authorized in writing by the Village by a proposal, which shall be attached hereto as Exhibit A and made a part of this Agreement for each project authorized. As specific projects are authorized pursuant to this Master Agreement, such additional projects shall be authorized by subsequent proposals, each of which shall be marked Exhibit B and attached to this Agreement as Exhibit B. The term "Contract Documents" means and includes, but is not limited to, this Agreement and any subsequent incorporated Exhibit B.

   In the event of any conflict between this Agreement and any other Contract Document, this Agreement shall prevail and control over the terms and conditions set forth in such other Contract Documents.

4. Term: The Contract commences on the date it is fully executed by all Parties and terminates on **December 31, 2029** (hereinafter the "Term"), with an option to extend for **one (1) additional term of 24 months, through December 31, 2031** at the Village's discretion, barring only Acts of God, due to which the Completion Date may be modified in writing with the prior approval of the Village.

   A. Termination; Remedies: Notwithstanding any other provision hereof, the Village may terminate the Agreement in the event of a default by the Consultant or without cause at any time upon fifteen (15) days prior written notice to the Consultant. In the event that the Agreement is so terminated, and the Consultant is not in default or breach of this Agreement, the Consultant shall be paid for Services

actually performed and reimbursable expenses actually incurred, if any, prior to termination, not exceeding the value of the Services completed which shall be determined on the basis of the rates set forth in the Consultant's Proposal.

5. Time is of the Essence; Dates of Commencement and Completion; Progress Reports:
   A. Time is of the essence in this Contract. This Agreement shall commence on the date of execution. The Services to be performed by the Consultant under the Contract Documents shall commence no later than **ten (10) days** after the execution of each proposal and receipt of a Notice to Proceed (hereinafter the "Commencement Date"), and shall be completed no later than by the agreed upon time frame per proposal for each event (hereinafter the "Completion Date"), barring only Acts of God, due to which the Completion Date may be modified in writing with the prior approval of the Village. If the Consultant fails to complete the Services by the Completion Date, the Village shall thereafter have the right to have the Services completed by another independent contractor or consultant, and in such event, the Village shall have the right to deduct the cost of such completion so incurred by the Village from payments otherwise due to the Consultant for the Services and/or the right to recover any excess cost of completion from the Consultant to the extent that the total cost incurred by the Village for the completion of the Work which is the subject of the Contract Documents exceeds the Contract Price.
   B. Progress Reports. If requested by the Village, the Consultant must prepare and submit monthly progress reports describing the Services performed in the prior month and anticipated to be performed in the following one-month period. The Services schedule shall insure that each of the Services provided are being completed within a timeframe that does not negatively impact the Village's compliance with any federal, state, or local regulations (if applicable).

5. Venue and Choice of Law: The Consultant and the Village agree that the venue for any and all disputes shall solely be in Cook County, Illinois. This Contract and all other Contract Documents shall be construed and interpreted in accordance with the laws of the State of Illinois.

6. Nonassignability: The Consultant shall not assign this Contract, or any part thereof, to any other person, firm, or corporation without the prior written consent of the Village, and in no case shall such consent relieve the Consultant or its surety from the obligations herein entered into by the same or change the terms of this Contract.

7. Notices and Communications: Where notice is required by the Agreement it shall be considered received if it is delivered in person, sent by registered United States mail, return receipt requested, delivered by messenger or mail service with a signed receipt, sent by facsimile or e-mail with an acknowledgment of receipt, to the following:

To the Village:	**To the Contractor:**
Name: Jeff Koza	Name: Carolyn Grieves
Village of Western Springs	Baxter & Woodman, Inc.
740 Hillgrove Avenue,	8678 Ridgeland Rd.,
Western Springs, Illinois 60558	Crystal Lake, IL 60012
Telephone: 708-246-1800 ext. 202	Telephone: 815-444-3230
Email: jkoza@wsprings.com	e-mail: cgrieves@baxterwoodman.com

or to such other person or persons or to such other address or addresses as may be provided by either party to the other party.

8. Right to Alter Scope of Services Reserved: The Village reserves the right to alter the plans, extend or shorten the Scope of Services, add to the Scope of Services as may be necessary, and increase or decrease the scope and/or quantity of the Services, including the deduction or cancellation of any one or more of the unit price items, or to cancel the Contract and the Services in their entirety for any reason.

9. Control and Inspection of Work: Unless otherwise specified in the Contract Documents, services and deliverables shall meet the terms of the scope of the project as specified in Scope of Work and detailed in Master Services Agreement. All Services performed by the Consultant shall be done in conformance with this Agreement and the other Contract Documents as determined solely by the Village, and this Agreement shall control.

10. Timely Written Response and Written Report(s) of Resolution Relative to Certain Incident(s), Claim(s) and/or Complaint(s):
    A. All alleged incident(s), claim(s), or complaint(s) related to any alleged death, injury and/or damage to persons and/or to public or private property related to the Consultant's work or services provided pursuant to this Contract shall be reported to the Village and resolved by the Consultant and/or its agent in a timely manner.
    B. Within three (3) business days after receipt by Consultant of an initial written or verbal notice of any such incident, claim, or complaint, the Consultant shall also provide to the Village, and to any third-party making such claim or complaint, the name, telephone number, and cellular number of the Consultant's officer or employee who will be responsible for managing the resolution thereof until its final resolution by the Consultant and/or by the Consultant's insurer or agent.
    C. Within ten (10) business days after the Consultant's receipt of the first notice of an alleged incident, claim, or complaint related to any alleged death, injury, and/or damage to persons and/or to public or private property (the "incident, claim, or complaint"), the Consultant or its agent(s) shall provide to the Village and to any third-party person making such claim or complaint an initial written response relative to such incident, claim or complaint, and the efforts and current progress of the Consultant and/or its agents to date toward the resolution of such incident, claim or complaint.
    D. If complete resolution of the incident, claim, or complaint has not been reached within the aforesaid ten (10) business day period, the Consultant or its agent shall continue to use all reasonable efforts to fully resolve the incident, claim, or complaint, and to that end, further updated written status reports of resolution, or progress toward resolution, as the case may be, of such incident, claim, or complaint shall be provided to the Village by the Consultant not less than monthly until such incident, claim, or complaint is fully resolved.
    E. The Consultant or its agents will be expected to fully resolve most incident(s), claim(s), or complaint(s) involving minor damage to public or private property within said initial ten (10) business day period after the Consultant receives its initial verbal or written notice of such incident, claim, or complaint.

11. Insurance:
    A. Prior to Commencement of Work:
        (i) Prior to commencement of any Services under the Contract Documents, Consultant shall supply to the Village certificates of insurance as specified below. Consultant shall not start the Services contemplated by the Contract until Consultant has obtained all insurance required under this Paragraph 11, and all such insurance coverage has been obtained and approved by the Village Manager, or his designee.
        (ii) Minimum Scope of Insurance:
        Coverage shall be at least as broad as Insurance Services Office ("ISO") Commercial General Liability occurrence form CG 00 01 04 13 with the "Village of Western Springs and its officers, officials, employees, agents and volunteers" named as additional insureds on a primary and non-contributory basis. This primary, non-contributory additional insured coverage shall be confirmed through the following required policy endorsements (or their substantial equivalents): ISO Additional Insured Endorsement CG 20 10 04 13 or CG 20 26 04 13, and CG 20 01 04.
        ☐ If this box is checked, a Completed Operations Endorsement (CG 20 37 04 13) is also required.
    B. Insurance Required: The Consultant shall procure and maintain, for the duration of the Contract, insurance against claims for injuries to persons or damage to property, which may arise from or in connection with the performance of the Work hereunder by the Consultant, its employees, subconsultants, and other agents, and:
        (i) Commercial General Liability:

(a) $1,000,000 combined single limit per occurrence for bodily injury, and property damage and $1,000,000 per occurrence for personal injury. The general aggregate shall be $2,000,000.

(b) The Village of Western Springs, and its officers, officials, employees, agents and volunteers, are to be named and covered as additional insureds as respects: liability arising out of the Consultant's work, including activities performed by or on behalf of the Consultant; products and completed operations of the Consultant; premises owned, leased or used by the Consultant, or automobiles owned, leased, hired or borrowed by the Consultant. The coverage shall contain no special limitations on the scope of protection afforded to the Village of Western Springs and its officers, officials, employees, agents and/or volunteers.

(c) The Consultant's insurance coverage shall be primary and non-contributory as respects the Village of Western Springs and its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the Village of Western Springs and/or on behalf of its officers, officials, employees, agents and/or volunteers shall be excess of Consultant's insurance and shall not contribute with it.

(d) Any failure to comply with reporting provisions of any applicable insurance policies shall not affect coverage provided to the Village of Western Springs and/or its officers, officials, employees, agents and/or its volunteers.

(e) The Consultant's insurance shall contain a Severability of Interests/Cross-Liability clause or language stating that Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

(f) If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not "follow form", then the Consultant shall be required to name the "Village of Western Springs, and its officers, officials, employees, agents and volunteers" as additional insureds.

(g) All general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.

(h) The Consultant and all subconsultants hereby agree to waive limitation as to the amount of contribution recoverable against them by the Village of Western Springs, and/or by its officers, officials, employees, agents and/or its volunteers, more specifically any limitation imposed by any state statute, regulation, or case law including any Workers' Compensation Act provision that applies a limitation to the amount recoverable.

(ii) ISO Business Auto Liability coverage form number CA 00 01, Symbol 01 "Any Auto": $1,000,000 combined single limit per occurrence for bodily injury, and property damage and $1,000,000 per occurrence for personal injury.

(iii) Workers' Compensation Insurance:
Such coverage as required by the Workers' Compensation Act of the State of Illinois with coverage of statutory limits and Employers' Liability Insurance with limits of $500,000 per accident. The insurer shall agree to waive all rights of subrogation against the "Village of Western Springs, its officers, officials, employees, agents and volunteers" for losses arising from work performed by the Consultant for the Village.

(iv) Professional Liability:

(a) Professional liability insurance with limits not less than $1,000,000 each claim with respect to negligent acts, errors and omissions in connection with professional services to be provided under the contract, with a deductible not-to-exceed $50,000 without prior written approval.

(b) If the policy is written on a claims-made form, the retroactive date must be equal to or preceding the effective date of the contract. In the event the policy is cancelled, non-renewed or switched to an occurrence form, the Consultant shall be required to purchase supplemental extending reporting period coverage for a period of not less than three (3) years.

(v) Umbrella Policy:
If the general aggregate limit for Commercial General Liability coverage provided is less than $2,000,000, pursuant to Section 11(B)(i) above, then a $2,000,000 Umbrella Policy shall also be provided which policy shall follow all required coverages as set forth above, other than Worker's Compensation and Professional Liability coverages.

(vi) ☐ Cyber Liability Coverage: for losses arising out of the Consultants work or work product resulting from a network/data breach, malware infection, cyber extortion, ransomware, exposure of confidential, personally identifiable and financial information, intellectual property and other related breaches. This coverage will apply to but not limited to damages for notification cost, credit monitoring expenses, public relations expenses, computer system/software damage and related financials losses.

C. Deductibles and Self-Insured Retentions: Any deductibles or self-insured retentions must be declared to and approved by the Village of Western Springs .

D. All Coverages:

(i) No Waiver. Under no circumstances shall the Village, or its officers, officials, employees, agents or volunteers be deemed to have waived any of the insurance requirements of this Contract by any act or omission, including, but not limited to:

(a) Allowing work by Consultant or any subconsultant to start before receipt of Certificates of Insurance and Additional Insured Endorsements.

(b) Failure to examine, or to demand correction of any deficiency, of any Certificate of Insurance and Additional Insured Endorsement received.

(ii) Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.

E. Acceptability of Insurers: Insurance is to be placed with insurers with a Best's rating of no less than A-, VII and approved to do business in the State of Illinois.

F. Verification of Coverage: Consultant shall furnish the Village of Western Springs with certificates of insurance naming the "Village of Western Springs, its officers, officials, employees, agents and volunteers", as additional insureds (except on Professional Liability), and with original endorsements affecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements are to be received and approved by the Village Manager, or his designee, before any work commences. The following additional insured endorsements may be utilized (or their substantial equivalent): ISO Additional Insured Endorsements CG 20 10 04 13 or CG 20 26 04 13, and CG 20 37 04 13 – Completed Operations, where required. In the event a claim is filed, the Village reserves the right to request full certified copies of the insurance policies and endorsements.

☐ If this box is checked, a Completed Operations Endorsement (CG 20 37 04 13) is also required.

G. Subconsultants: Consultant shall include all subconsultants as insureds under its policies or shall furnish separate certificates and endorsements for each subconsultant. All coverages for subconsultants shall be subject to all of the requirements stated herein.

H. Assumption of Liability: Consultant assumes liability for all injury to or death of any person or persons including employees of the Consultant, any subconsultant, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to this Contract.

I. Insurance Certifications: In addition to providing Certificates of Insurance as required by the contract documents, the Consultant shall submit to the Village a signed certification with each Request for Payment, stating that all the insurance required of the Consultant remains in force. Failure to submit such a certification shall be grounds to withhold payment in full or in part.

J. Insurance Requirements Cannot Be Waived by Village: Under no circumstances shall the Village be deemed to have waived any of the insurance requirements of the related Contract by any act or omission, including, but not limited to: (1) allowing the Work to commence by the Consultant or any subconsultant of any tier before receipt of Certificates of Insurance; (2) failing to review any Certificates of Insurance received; (3) failing to advise the Consultant or any subconsultant of any tier that any Certificate of Insurance fails to contain all the required insurance provisions, or is otherwise deficient in any manner; or (4) issuing any payment without receipt of a Sworn Statement from the Consultant and all subconsultants of any tier stating that all the required insurance is in force. The Consultant agrees that the obligation to provide the insurance required by this Agreement or any of the contract documents is solely its responsibility and that this is a requirement which cannot be waived by any conduct, action, inaction or omission by the Village. Consultant shall also protect the Village by specifically incorporating this Paragraph into every subcontract entered into relative to the Work

contemplated herein and also requiring that every subconsultant incorporate this Paragraph into every sub-subcontract it enters into relative to the Work contemplated herein.

K. Liability of Consultant and Subconsultant is Not Limited by Purchase of Insurance: Nothing contained in the insurance requirements of this Agreement or any Contract Documents is to be construed as limiting the liability of the Consultant or the liability of any subconsultant of any tier, or either of their respective insurance carriers. The Village does not, in any way, represent that the coverages or limits of insurance specified is sufficient or adequate to protect the Village, the Consultant, or any subconsultant's interest or liabilities, but are merely required minimums. The obligation of the Consultant and every subconsultant of any tier to purchase insurance shall not, in any way, limit their obligations to the Village in the event that the Village should suffer an injury or loss in excess of the amount recoverable through insurance, or any loss or portion of the loss which is not covered by either the insurance of the Consultant or any subconsultant's insurance.

L. Notice of Bodily Injury or Property Damage: The Consultant shall notify the Village, in writing, of any actual or possible claim for personal injury or property damage relating to the Work, or of any occurrence which might give rise to such claim, promptly upon obtaining first knowledge of same.

M. Updated Proof Required: The Consultant agrees that at any time upon the demand of the Village, updated proof of such insurance coverage will be submitted to the Village. There shall be no additional charge to the Village for said insurance.

N. Higher and More Expansive Standard Applicable: To the extent other insurance requirements of the Contract Documents contradict this Paragraph 11, the more expansive and higher standard, in terms of type and amount of coverage, shall govern.

12. Indemnity:

A. To the fullest extent permitted by law, the Consultant hereby agrees to indemnify and hold harmless the Village, IDOT (if IDOT is providing funding for all or any portion of the Contract Sum), the FTA (if the FTA is providing funding for all or any portion of the Contract Sum), any other governmental agency providing funding for all or any portion of the Contract Sum, and their officers, directors, employees, agents, affiliates and representatives (collectively, "Indemnified Parties"), from and against claims, demands, suits, liabilities, injuries (personal or bodily), property damage, causes of action, losses, expenses, damages or penalties, including, court costs and reasonable attorneys' fees, to the extent caused by (i) any negligent act or omission by the Consultant and any Consultant Related Parties (anyone directly or indirectly employed by them, their agents, or anyone for whose acts they may be liable) in the performance of professional, non-professional, general, or operational activities under this Agreement; and/or (ii) any breach, default, violation or nonperformance by the Consultant of any term, covenant, condition, duty or obligation provided in this Agreement. This indemnification obligation shall not include the upfront duty to defend any Indemnified Party but shall reimburse client's reasonable, reasonably incurred defense costs to the extent of Consultant's legally determined fault, negligence, or willful misconduct. This indemnification, defense and hold harmless obligation will survive the termination or expiration of this Agreement, whether by lapse of time or otherwise. This indemnification obligation will not be limited (i) by a limitation on the amount or type of damages, compensation or benefits payable by or for the Consultant or any other party under workers' or workmen's compensation acts, disability benefit acts or other employee benefits acts, or (ii) pursuant to any common law or case.

In addition to the indemnification provided above, Consultant will indemnify, defend and hold harmless the Village, IDOT (if IDOT is providing funding for all or any portion of the Contract Sum), the FTA (if the FTA is providing funding for all or any portion of the Contract Sum), any other governmental agency providing funding for all or any portion of the Contract Sum, and their officers, directors, employees, agents, affiliates and representatives, from and against any and all claims, demands, suits, liabilities, injuries, causes of action, losses, expenses, damages or penalties, including, without limitation, court costs and reasonable attorneys' fees, arising or resulting from, or occasioned by or in connection with any and all claims which are based upon or make the contention that any of the Deliverables or other materials supplied to the Village or used by the Village in the manner recommended by the Consultant , in whole or in part, constitute infringement of any copyright, trademark, patent, trade secret or other proprietary rights of any third party. This indemnification,

defense and hold harmless obligation will survive the termination or expiration of this Agreement, whether by lapse of time or otherwise. This indemnification obligation will not be limited (i) by a limitation on the amount or type of damages, compensation or benefits payable by or for Consultant or any other party pursuant to any common law or case.

B. Consultant expressly understands and agrees that any performance bond or insurance policies required by this Contract, or otherwise provided by the Consultant, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the Village, its elected and appointed officials, employees or agents as herein provided.

C. Consultant further agrees that to the extent that money is due the Consultant by virtue of this Contract as shall be considered necessary in the judgment of the Village, such funds may be retained by the Village to protect itself against said loss until such claims, suits, or judgments shall have been settled or discharged and/or evidence to that effect shall have been furnished to the satisfaction of the Village.

D. In the event that the Village is not immune from liability under any applicable law, and only in such event, the Village hereby agrees to indemnify and hold harmless the Consultant, its officers, directors, employees and subconsultants (collectively, Consultant) against all damages, liabilities or costs, including reasonable attorney's fees and defense costs, to the extent caused by the Village's negligent acts in connection with the Project and the acts of the Village, and/or any of its officers, trustees and/or employees.

E. The provisions of this Paragraph 12 shall survive any termination of the Contract.

13. Village Confidential Information:

A. Confidential Information. "Confidential Information" shall mean all information, whether in written, verbal, graphic, electronic or any other form, which is disclosed to or observed by the Consultant in the course of its performance of Services hereunder. Confidential Information will include Deliverables, business plans, forecasts, projections, analyses, Village employee and vendor information, software (including all documentation and codes), hardware and system designs, architectures and protocols, specifications, manufacturing, logistic and sale processes.

B. Use of Confidential Information. The Consultant (i) will use Confidential Information only in connection with Consultant's performance of the Services, and (ii) will not disclose Confidential Information except to the Consultant 's employees and Consultant Related Parties to the extent such employees or Consultant Related Parties need to know such Confidential Information in connection with the performance of the Services. In addition to the requirements of the foregoing sentence, if the Consultant wishes to disclose Confidential Information to a Consultant Related Party, the Village must first consent to such disclosure and the Consultant Related Party must agree in writing to be bound by the terms and conditions of this Paragraph 13, in a document satisfactory to the Village. The Consultant will be responsible and liable for any unauthorized disclosure, publication or dissemination by any party who obtained Confidential Information from the Consultant, including Consultant 's employees and Consultant Related Parties. This section does not apply to any information that (a) the Consultant can demonstrate that it possessed prior to the date of this Agreement without obligation of confidentiality, (b) the Consultant develops independently without use of any Confidential Information, (c) the Consultant rightfully receives from a third party without any obligation of confidentiality to such third party, (d) is or becomes publicly available without breach of this Agreement, or (e) must be disclosed as required under applicable Law; provided, however, that the Consultant must give the Village reasonable notice prior to such disclosure and will reasonably cooperate with any efforts requested by the Village to limit the nature or scope of the disclosure.

C. Authority Confidential Information. The Consultant understands and acknowledges that the Village may use software provided in connection with this Agreement in connection with Confidential Information of the Village. Any such use of software shall not alter the Consultant's obligations and the Village's rights with respect to Confidential Information described in Section 13.B above.

14. Standard of Performance: The Consultant must perform all Services required of it under this Agreement in accordance with the practices, methods, standards, degree of judgment and skill that are ordinarily possessed and exercised by (and generally accepted as being appropriate for) professionals of the same profession who are performing work which is of similar scope, nature and complexity as the Services (the "Professional Standard"). All Services shall be performed by the Consultant in a prompt and expeditious

manner in accordance with the Professional Standard and the Consultant shall be responsible for all Services provided under this Agreement whether such Services are provided by the Consultant or by Consultant Related Parties hired by the Consultant. The Consultant will perform the Services promptly and without unreasonable delay and will give all Services such priority as is necessary to cause the Services to be provided hereunder to be properly performed in a timely manner and consistent with sound professional practices and standards. The Consultant and any Consultant Related Party must be suitably qualified and experienced to perform the Services in accordance with the requirements of this Agreement and the Professional Standard. To the extent required by any laws, the Consultant and all Consultant Related Parties must be suitably licensed or certified to perform the Services. In connection with the execution of this Agreement, the Consultant represents as follows:

A. Feasibility of Performance. The Consultant (i) has carefully examined and analyzed the provisions and requirements of this Agreement, including all Exhibits hereto; (ii) understands the nature of the Services required; (iii) from its own analysis has satisfied itself, to the extent reasonably possible, as to the nature of all things needed for the performance of this Agreement and all other matters that in any way may affect this Agreement or its performance; (iv) represents that this Agreement is feasible of performance in accordance with all of its provisions and requirements; and (v) can and will perform, or cause to be performed, the Services in accordance with the provisions and requirements of this Agreement.

B. Ability to Perform: The Consultant hereby represents and warrants to the Village, with the intention that the Village rely thereon in entering into this Agreement, that: (a) the Consultant is financially solvent; (b) the Consultant, and each has the training, capability, experience, expertise, and licensing necessary to perform the Services in accordance with the requirements of this Agreement and the Professional Standard; (c) the Consultant possesses and will keep in force all required licenses, permits and accreditations to perform the Services; (d) the Consultant has full power to execute, deliver and perform this Agreement and has taken all necessary action to authorize such execution, delivery and performance; (e) the individual(s) executing this Agreement are duly authorized to sign the same on the Consultant's behalf and to bind the Consultant hereto; and (f) the Consultant will perform the Services described herein promptly, diligently and continuously with an adequate number of qualified personnel to ensure such performance.

C. Authorized to do Business in Illinois: The Consultant certifies that it is a legal entity authorized to do business in Illinois, 30 ILCS 500/1.15.8, 20-43.

D. Certification to Enter into Public Contracts: The Consultant certifies that it is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3 or 33E-4 of the Illinois Criminal Code or violating the prohibition set forth in Section 50-10.5(e) of the Illinois Procurement Code, 30 ILCS 500/50-10.5e or any similar offense of any State of the United States which contains the same elements as the Illinois offenses of bid-rigging or bid rotating.

E. Payment to the Illinois Department of Revenue: Consultant certifies that it is not delinquent in payment of any taxes to Illinois Department of Revenue.

F. Debarment. The Consultant certifies that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in the Agreement by any federal department or agency. The Consultant will not knowingly use the services of any related party barred or ineligible for contracts by any federal, state or local governmental agency or applicable Laws for any purpose in the performance of the Services.

G. Interest of members of the Village: Consultant certifies that no member of the governing body of the Village and no other officer, employee, or agent of the Village who exercises any functions or responsibilities in connection with the planning or carrying out of the Services, has any personal financial interest, direct or indirect, in this Agreement; and the Consultant shall take appropriate steps to assure compliance.

H. Interest of Professional Services Provider and Employees. Consultant certifies that it presently has no interest and shall not acquire interest, direct or indirect, in the various project areas or any parcels therein or any other interest which would conflict in any manner or degree with the performance of Consultant Services hereunder. The Consultant further covenants that in the performance of this Agreement, no person having such interest shall be employed.

15. No Conflicts of Interest: The Consultant warrants that it has no conflict of interest and has not employed or retained any company or person, other than a bona fide employee working solely for the Consultant, to solicit or secure this contract, and that it has not paid or agreed to pay any company or person, other than a bona fide employee working solely for the Consultant, any fee, commission, percentage, brokerage fee, gift(s), or any other consideration, contingent upon or resulting from the award or the making of this Contract.

16. Compliance with Laws: In the performance of the Services, the Consultant shall comply, and must cause any Consultant Related Party to comply, and must ensure that the Services comply, with all applicable federal, state, and local laws, ordinances, rules and regulations, and any and all orders and decrees of any court, administrative body or tribunal applicable to the performance of the Contract. Included within the scope of the laws, ordinances, rules and regulations referred to in this paragraph, but in no way to operate as a limitation, are: Occupational Safety & Health Act ("OSHA"); Illinois Department of Labor (IDOL"), Department of Transportation, and all forms of traffic regulations; public utility, Intrastate and Interstate Commerce Commission regulations; Workers' Compensation Laws, the Social Security Act of the Federal Government and any of its titles, the Illinois Human Rights Act, and EEOC statutory provisions and rules and regulations. Evidence of specific regulatory compliance will be provided by the Consultant if requested by the Village.

17. Employment Conditions: Equal Employment Opportunity Clause. In the event of the Consultant 's non-compliance with the provisions of this Equal Employment Opportunity Clause, the Illinois Human Rights Act (775 ILCS 5/1 et seq.) (the "Human Rights Act") or the rules and regulations (the "Rules and Regulations") of the Illinois Department of Human Rights (for the purposes of this Article 10, the "Department"), the Consultant may be declared ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and this Agreement may, in addition to any remedies provided pursuant to this Agreement, be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation. During the performance of this Agreement, the Consultant agrees as follows:

    (1) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, marital status, national origin or ancestry, age, sexual orientation, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.

    (2) That, if it hires additional employees in order to perform this Agreement or any portion thereof, it will determine the availability (in accordance with the Department's Rules and Regulations) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.

    (3) That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination on the basis of race, color, religion, sex, marital status, national origin or ancestry, age, sexual orientation, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.

    (4) That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding a notice advising such labor organization or representative of the Consultant 's obligations under the Human Rights Act and the Department's Rules and Regulations. If any such labor organization or representative fails or refuses to cooperate with the Consultant in its efforts to comply with such Act and Rules and Regulations, the Consultant will promptly so notify the Department and the Village and will recruit employees from other sources when necessary to fulfill its obligations thereunder.

    (5) That it will submit reports as required by the Department's Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the Village, and in all respects comply with the Human Rights Act and the Department's Rules and Regulations.

    (6) That it will permit access to all relevant books, records, accounts and work sites by personnel for the Village and the Department for purposes of investigation to ascertain compliance with the Human Rights Act and the Department's Rules and Regulations.

(7) That it will include verbatim or by reference the provisions of this clause 10.1 in every subcontract it awards under which any portion of this Agreement's obligations are undertaken or assumed so that such provisions will be binding upon such subconsultant. In the same manner as with other provisions of this Agreement, the Consultant will be liable for compliance with applicable provisions of this clause 10.1 by such subconsultant s, and it will promptly notify the Village and the Department in the event any subconsultant fails to or refuses to comply therewith. In addition, the Consultant will not utilize any subconsultant declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

Public Works Employment Discrimination Act: The Consultant certifies and agrees that it will comply with the Public Works Employment Discrimination Act (775 ILCS 10/1 et seq.). In confirmation and furtherance of the foregoing, the Consultant agrees that no person shall be refused or denied employment in any capacity on the ground of unlawful discrimination, as that term is defined in the Human Rights Act, nor be subjected to unlawful discrimination in any manner, in connection with the contracting for or the performance of any work or service of any kind, by, for, on behalf of, or for the benefit of the Village, including without limitation, the Services to be provided pursuant to this Agreement.

Drug-Free Workplace: The Consultant certifies and agrees that it will provide a drug-free workplace as required by the Drug Free Workplace Act (30 ILCS 580/1 et seq.) and that it will comply with all provisions thereof.

Disadvantaged Business Enterprise Assurance: In accordance with 49 CFR Part 26.13(a), as amended, the Consultant assures the Village that it shall not discriminate on the basis of race, color, national origin or sex in the implementation of the Services and in the award and performance of any subcontract or other third party contract supported with Federal assistance derived from the U.S. Department of Transportation ("USDOT") or in the administration of its Disadvantaged Business Enterprise ("DBE") program, if required pursuant to 49 CFR Part 26, as amended, or the requirements of 49 CFR Part 26, as amended. The Consultant assures the Village that it shall take all necessary and reasonable steps set forth in 49 CFR Part 26, as amended, to ensure nondiscrimination in the award and administration of all subcontracts and third party contracts supported with Federal assistance derived from USDOT. The Consultant 's DBE program, if required by 49 CFR Part 26, as amended, is incorporated by reference and made a part of this Agreement for the purposes of any Federal assistance awarded by the FTA or USDOT. If required by 49 CFR Part 26, as amended, implementation of such a DBE program is a legal obligation of the Consultant, and failure to carry out its terms shall be treated as a violation of this Agreement. Upon notification to the Consultant of its failure to implement its approved DBE program, if required by 49 CFR Part 26, as amended, USDOT may impose sanctions as provided for under 49 CFR Part 26, as amended, and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001, as amended, and/or the Program Fraud Civil Remedies Act, 31 U.S.C. 3801 et seq., as amended. The Consultant further agrees to comply with all reasonable procedural, reporting and invoicing requirements that the Village may now or hereafter establish in order to comply with the DBE laws, rules and requirements that may apply to the Village and/or to this Agreement.

18. Certifications: By the execution of this Agreement, the Consultant certifies that: (1) the Consultant is not delinquent in the payment of any tax administered by the Illinois Department of Revenue as required by 65 ILCS 5/11-42.1-1; (2) the Consultant has a written sexual harassment policy as required by and shall otherwise comply in all respects with the Illinois Human Rights Act (775 ILCS 5/2-105(A)(4)); (3) the Consultant will provide a drug-free workplace as required by and shall otherwise comply with the Illinois Drug-Free Workplace Act (30 ILCS 580/1, et seq.); (4) the Consultant has in place a written policy as required by and that it does and shall otherwise comply with the Illinois Substance Abuse Prevention on Public Works Projects Act (820 ILCS 265/1, et seq.); and (5) the Consultant is not and/or was not barred from bidding on this Contract pursuant to Section 33E-3 or 33E-4 of the Illinois Criminal Code (720 ILCS 5/33E-3 and 5/33E-4).

19. Project Documentation: Upon execution of this Agreement relative to the Project, notwithstanding anything contained in any other Contract Documents to the contrary, the Consultant and its Consultant Related Parties agree to and shall release to the Village any and all right, title, and interest in and to any and all Project Documentation depicting, documenting, or recording the Services, and/or the Work, and/or the Project which is the subject of the Contract Documents, prepared or created by the Consultant and/or its subconsultants, including but not limited to any and all drawings, plans, specifications, photos, reports, videos, and/or other recordings on any electronic media (sometimes collectively referred to as "Project Documentation"), and any and all of such Project Documentation shall become the property of the Village. The Consultant and its subconsultants further warrant to the Village that they have the legal right to convey said Project Documentation to the Village. The Work contemplated by the Contract Documents shall not be considered complete until and unless legible and complete physical and electronic copies of all such Project Documentation have been delivered to the Village. The Village may reuse Project Documentation without the prior written authorization of the Consultant, but the Village agrees to waive any claim against the Consultant arising from any unauthorized reuse or modification of the Project Documentation.

20. Illinois Freedom of Information Act: The Illinois Freedom of Information Act (FOIA) applies to public records in the possession of a party with whom the Village has an Agreement. The Village of Western Springs will have only a very short period of time from receipt of a FOIA request to comply with the request, and there is a significant amount of work required to process a request including collating and reviewing the information. Vendor acknowledges the requirements of FOIA and agrees to comply with all requests made by the Village for public records (as that term is defined by Section 2(c) of FOIA) and to provide the requested public records to the Village within two (2) business days of the request being made by the Village. Vendor agrees to indemnify and hold harmless the Village from all claims, costs, penalty, losses and injuries (including but not limited to, attorney's fees, other professional fees, court costs and/or arbitration or other dispute resolution costs) arising out of or relating to its failure to provide the public records to the Village under this agreement.

21. Independent Contractor : It is mutually understood and agreed that the Consultant shall have full control of the ways and means of performing the Professional Services referred to above and/or which is the subject of this Agreement and the related Contract and that the Consultant or his/its employees, representatives or Subconsultants are in no sense employees of the Village, it being specifically agreed that in respect to the Village, the Consultant and any party employed by the Consultant bears the relationship to the Village of an independent contractor.

22. Duration: This Master Services Agreement shall be in effect for a term of three (3) years, but the obligations of the Consultant under Paragraphs 12 and 13 shall continue after such termination.

23. Advertisement: The Consultant is specifically denied the right to use in any form or medium the name of the Village for public advertising unless express permission is granted by the Village.

24. Amendments: No agreement or understanding to modify this Agreement or the related Contract Documents shall be binding upon the Village unless in writing and signed by the Village's authorized agent. All specifications, drawings, and data submitted to the Consultant with this Agreement or the related Contract Documents are hereby incorporated and made part thereof.

25. Termination; Remedies: Notwithstanding any other provision hereof, the Village may terminate the Agreement in the event of a default by the Consultant or without cause at any time upon fifteen (15) days prior written notice to the Consultant. In the event that the Agreement is so terminated and the Consultant is not in default or breach of this Agreement, the Consultant shall be paid for Services actually performed and reimbursable expenses actually incurred, if any, prior to termination, not exceeding the value of the Services completed which shall be determined on the basis of the rates set forth in the Consultant's Proposal. Without invalidating this Agreement or any other Scope of Work in progress at the time, any single Scope of Work may be terminated upon fifteen (15) days' notice to Consultant, and neither Party shall have any further liability thereunder.

26. Supersede: The terms, conditions and specifications set forth in this Agreement shall supersede, govern, and prevail over any inconsistent terms, conditions, and/or specifications on any other Contract Documents.

27. Severability: In the event any section, subsection, paragraph, sentence, clause, phrase or provision of this instrument or part thereof shall be deemed unlawful, invalid, unenforceable or ineffective by any court of competent jurisdiction, such decision shall not affect the validity, enforceability or effectiveness of the remaining portions of this instrument.

28. Facsimile or Digital Signatures: Facsimile or digital signatures shall be sufficient for purposes of executing, negotiating, and finalizing this Contract, and this Contract shall be deemed delivered as if containing original signatures if such delivery is made by emailing a PDF of a scanned copy of the original, hand-signed document, and/or by use of a qualified, established electronic security procedure mutually agreed upon by the Parties.

29. Counterparts: This Agreement may be executed in one or more counterparts, which counterparts when affixed together, shall constitute one and the same original document.

30. No Third Party Beneficiaries: The Parties do not intend to confer any benefit hereunder on any person, firm or corporation other than the Parties hereto.

31. Entire Agreement: The Contract Documents (including all Exhibits attached thereto which by reference are made a part of the Agreement) and all other written agreements signed by all of the Parties hereto which by their express terms are a part of the Contract Documents, are the final expression of, and contain the entire agreement between the Parties with respect to the subject matter hereof and supersedes all prior understandings with respect thereto.

32. No Liability of Public Officials. No official, employee or agent of the Village will be charged personally by the Consultant, or by any assignee or Consultant Related Parties, with any liability or expenses of defense or be personally liable to them under any term or provision of this Agreement, or because of the Village's execution or attempted execution, or because of any breach hereof.

33. No Liability of Funding Agencies. IDOT, the FTA and any other governmental agencies providing funding to pay all or a portion of the Contract Sum will not be subject to any obligations or liabilities by or to the Consultant or Consultant Related Parties in connection with the Services, notwithstanding any concurrence in the retention or solicitation of the Consultant or Consultant Related Parties

34. Developments and Intellectual Property Rights.
    (1) All concepts, works, information, data, computer programs and other ideas and materials developed, invented, prepared or discovered by the Consultant or any of its employees, agents or Consultant Related Parties, either alone or in collaboration with others, which relate to the actual or anticipated activities, business or research of the Village, which result from or are suggested by the Services or any other work the Consultant or the Consultant Related Parties may do for the Village, or which result from use of the Village's premises or property (collectively, the "Developments") and any trademark, trade secret, copyright, patent, common law right, title or slogan or any other proprietary right ("Proprietary Rights") in such Developments will be the sole property of the Village, and IDOT (to the extent IDOT is providing funding for all or any portion of the Contract Sum), the FTA (to the extent the FTA is providing funding for all or any portion of the Contract Sum) and any other governmental agency providing funding for all or any portion of the Contract Sum (to the extent of such funding). The Consultant hereby assigns (and agrees to cause all Consultant Related Parties to assign) to the Village, and IDOT (to the extent IDOT is providing funding for all or any portion of the Contract Sum), the FTA (to the extent the FTA is providing funding for all or any portion of the Contract Sum) and any other governmental agency providing funding for all or any portion of the Contract Sum (to the extent of such funding)) the Consultant 's (or the Consultant Related Parties') entire right and interest in any such Development, and will execute (or cause the Consultant Related Parties to execute) any documents

in connection therewith that the Village may reasonably request; provided that to the fullest extent permissible by applicable Law, any and all copyrightable aspects of the Developments will be considered "works made for hire." The Consultant agrees to enter into agreements with all of its Consultant Related Parties necessary to establish the Village's ownership in the Developments (and the ownership in the Developments of IDOT (to the extent IDOT is providing funding for all or any portion of the Contract Sum), the FTA (to the extent the FTA is providing funding for all or any portion of the Contract Sum) and any other governmental agency providing funding for all or any portion of the Contract Sum (to the extent of such funding)), and the Consultant agrees to provide the Village with copies of such agreements if requested by the Village. The foregoing does not apply to any inventions that the Consultant made prior to the Consultant 's retention by the Village, or to any inventions that the Consultant develops without using any of the Village's equipment, supplies, facilities or Confidential Information and that do not relate to the Services or the Village's business or research, or the Services the Consultant performs for the Village. The Consultant hereby grants to the Village (and IDOT (to the extent IDOT is providing funding for all or any portion of the Contract Sum), the FTA (to the extent the FTA is providing funding for all or any portion of the Contract Sum) and any other governmental agency providing funding for all or any portion of the Contract Sum (to the extent of such funding)) a perpetual, irrevocable, worldwide, non-exclusive right and license, with the right to sublicense, to use all materials, software, technology, data or other goods or services, that are not Developments but that are required to use fully and completely the Developments. The Consultant will provide to the Village materials that are not Developments only to the extent the Consultant has the right to make the foregoing license.

(2) This Agreement will not preclude the Consultant from using its general knowledge, skills and experience for its other clients, provided that the Consultant does not use in connection therewith any Developments or Confidential Information

(3) At all times during the term of this Agreement, upon request from the Village and upon termination or expiration of this Agreement, the Consultant will immediately provide to the Village the then-current version of any Developments in the Consultant 's possession, indexed and arranged to the satisfaction of the Village.

35. Joint and Several Liability. In the event that the Consultant, or its successors or assigns, if any, is comprised of more than one individual or other legal entity (or combination thereof), then and in that event, each and every obligation or undertaking herein stated to be fulfilled or performed by the Consultant will be the joint and several obligation and undertaking of each such individual or other legal entity.

36. No Waiver No course of dealing or failure of the Village and/or the Consultant to enforce strictly any term, right or condition of this Agreement shall be construed as a waiver of such term, right or condition or other term, right or condition of this Agreement. No express waiver of any term, right or condition of this Agreement shall operate as a waiver of any other term, right or condition.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized officer in quadruplicate counterparts, each of which shall be considered as an original.

V3 COMPANIES	VILLAGE OF WESTERN SPRINGS
By: _____	By: _____
Name: _____	Name: _____
Its _____ and Authorized Agent	Title: _____
ATTEST: _____	

EXHIBIT A
[ATTACH IF REQUIRED]

Proposal or Scope of Services

EXHIBIT B
[ATTACH IF REQUIRED]
Schedule of Fees

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM E.10.

To: Public Works and Water Committee
From: Jeff Koza, Director of Engineering Services
CC: Ellen Baer, Village Manager
RE: Stormwater Master Plan Proposal

Recommendation

Consider a recommendation to approve a proposal from Christopher B. Burke Engineering, Ltd (CBBEL) for the creation of a Stormwater Master Plan for a fee not to exceed $210,460.

Summary

The Village of Western Springs last completed a Stormwater Master Plan (SMP) in 2003, and while that plan provided useful guidance at the time, stormwater conditions, development patterns, and analytical capabilities have significantly evolved in the years since. Several areas throughout the Village continue to experience varying degrees of flooding during different rain events, highlighting the need for a comprehensive and updated assessment. The process will include a review the 2003 plan; however, due to substantial advancements in stormwater modeling, GIS integration, and hydraulic analysis, the new SMP will include a far more detailed, data-driven model that reflects current system conditions. Completing this update will allow the Village to better understand where flooding occurs, identify root causes, evaluate feasible solutions, and prioritize projects for implementation. The SMP will also tie directly into the Capital Infrastructure Plan by assisting in the identification of new storm water related projects and improvements.

Christopher B. Burke Engineering, Ltd. (CBBEL) has submitted a proposed scope of services and fee to prepare a comprehensive Stormwater Master Plan (SMP) for the Village of Western Springs. The SMP will build upon previous Village-wide modeling efforts and establish a modern, data-driven framework for evaluating flooding concerns, sewer system capacity, and concept-level capital improvements.

Purpose of the SMP

- Compile and validate existing stormwater system data.
- Develop hydrologic and hydraulic models of the Village's storm and combined sewer systems.
- Identify and evaluate drainage problem areas on both public and private properties.
- Prepare inundation maps for multiple storm events.
- Develop and prioritize concept-level infrastructure improvements.
- Engage residents through questionnaires and an open-house meeting.

CBBEL is well-suited for this effort given their strong stormwater management expertise, successful delivery of the Springdale Drainage Improvements project, and extensive study of the 51st Street corridor—work that will directly inform and strengthen this SMP.

Scope of Services
Phase 1 – Existing Conditions
Includes data review, development of a resident flood questionnaire, field verification of system data, GIS database development, existing-conditions modeling, model calibration, inundation mapping, a resident open house, and preparation of an Existing Conditions Technical Memo.

Phase 2 – Proposed Improvements
Includes the identification of problem areas, development of concept-level capital project alternatives, modeling to validate proposed improvements, project prioritization criteria, creation of a prioritized project list, development of the SMP Summary Report, and public presentations.

The development of the plan is anticipated to be completed in late 2027.

Financial Impact

Fee Summary
- Phase 1 Total: $125,080
- Phase 2 Total: $83,880
- Reimbursable Expenses: $1,500
- Overall Total Project Cost: $210,460

Included in the 2026 Budget was $125,000 for completion of a stormwater master plan. Staff has confirmed with CBBEL that they will not exceed the $125,000 threshold this current budget year. Staff will include funds for completion of the study in the 2027 draft budget.

Recommended Motion

I move to recommend to the Village Board the approval of a proposal from Christopher B. Burke Engineering, Ltd (CBBEL) for the creation of a stormwater master plan for a fee not to exceed $210,460.

Strategic Plan Alignment

Infrastructure Improvements

File Attachments

1. Western Springs Stormwater Master Plan_082626

CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 W Higgins Road, Suite 600 Rosemont, Illinois 60018-4920 Tel (847) 823-0500 Fax (847) 823-0520

August 26, 2026

Village of Western Springs
740 Hillgrove Avenue
Western Springs, IL 60558

Attention: Jeff Koza, PE
Village Engineer

Subject: **Request for Scope of Services and Cost Proposal**
Stormwater Master Plan

Dear Mr. Koza:

As requested, Christopher B. Burke Engineering, Ltd. (CBBEL) has prepared the following Understanding of Assignment, Scope of Services, and Fee Estimate for the preparation of a Stormwater Master Plan (SMP) for the Village of Western Springs.

UNDERSTANDING OF ASSIGNMENT

We understand that the Village of Western Springs (Village) would like to continue recent stormwater management efforts with the preparation of a Stormwater Master Plan (SMP). The SMP is a process that invites input from residents to identify existing drainage problems, prepares a hydrologic and hydraulic model of the Village's sewer systems, develops concept level improvement projects, and prioritizes the potential implementation of those projects. We will utilize available GIS mapping and sewer data to develop a Village-wide model of the storm and combined sewer systems. A preliminary review of available data indicates that there is enough pipe size and invert data to prepare a representative model. The model will build on prior efforts by CBBEL which include modeling of the Springdale area and 51st Street corridor. The model will be used to generate surface inundation mapping for various storm events. Open house events will be held with residents to share the results of the inundation mapping and to obtain first-hand data from residents. The final deliverable will be a report that summarizes the findings and prioritizes any potential flood reduction alternatives.

SCOPE OF SERVICES

PHASE 1 – EXISTING CONDITIONS

Task 1 – Data Review: We will review all data provided by the Village related to the storm and combined sewer systems. This will include any flooding reports, photos, development plans, GIS data, or other relevant information.

Task 2 – Flood Questionnaire and Mapping: We recommend that CBBEL creates a Flood Questionnaire for the Village's distribution at the start of the SMP. The flood questionnaire will include standard details such as flooding type, details, dates, etc. We will create the Flood Questionnaire, which will be distributed and publicized by the Village. The results from all questionnaires received will be mapped using GIS and incorporated into the data sources for the SMP.

Task 3 – Field Verification: The GIS database provided will inevitably include questionable data that must be field verified to have confidence in the data used for modeling. For this task, we have assumed an appropriate level of effort for field verification of existing data based on our experience with similar studies. A water resources engineer and appropriate support staff will investigate and confirm key data. This task will include limited effort to verify available pipe invert data. Many of the inverts in the GIS are single-digit numbers, which are assumed to be depths and not elevations. As part of this task, we will spot check the GIS values at locations throughout the Village and will obtain missing invert data at key locations. This task is not intended to comprehensively obtain all missing data. If the current GIS data is found to be unreliable or not useful, we will meet with the Village to decide how to best proceed.

Task 4 – GIS Database Development: Our preference for all SMP studies is to start with a thorough GIS database of the stormwater system prior to initiating any modeling efforts. This simplifies the modeling process and provides a stand-alone GIS deliverable at the end of the process that is beneficial to the Village. We will review the Village's GIS data, which based on a preliminary review appears to have pipe size and invert data for the majority of the system. We will also review any as-built plan data provided by the Village that may provide invert data and incorporate that data to the GIS database. We will do the same for as-built detention basin information. As the database is completed, we will evaluate whether missing data can be interpolated or whether any specific data collection would be useful to improve the quality of the model. We will prepare and provide exhibits depicting our recommendations, if any. This task does not include any data collection efforts which could be completed by Village staff or under a separate agreement once the scope of work is known. We do not expect data collection to be a major effort based on the existing available data we have reviewed.

Task 5 – Existing Conditions Model Development: Using the relevant sewer system data collected in the GIS database in the preceding tasks, we will create stormwater models of the Village's storm and combined sewer systems. The models will include the relevant pipe data, drainage areas and hydrologic parameters, depressional storage areas, detention basins, and overland flow routes. Depending on the specific modeling needs of each system, we may utilize 1D or 2D approaches to model the flow of water across the surface. Our SMP models will typically include all stormwater piping 12" in diameter and larger, however if there are key storm sewers of smaller diameter, we will include them. This may include rear yard drainage areas, which may be a significant concern. The modeling will include rear yard depressional areas identified by the Village as known flooding locations. This task will create the existing conditions models used to evaluate the Village's stormwater system.

Task 6 – Model Calibration: We understand that the Village will provide information on known flooding areas and extents from specific storm events to be used for calibration of the model. We understand there is no specific elevation or flow data to be used for calibration and the scope does not include obtaining flow data. We will use the available data points for a general calibration and confirmation of the accuracy of the model. We will compare the model results for the known flooding areas with the observed flooding, and if needed, adjust model parameters to obtain an acceptable match.

Task 7 – Inundation Mapping: After the Village concurs with the model calibration, we will simulate a range of flood events and develop flooding depths and extents at all flooding areas. We will prepare a series of exhibits depicting inundation areas for various storm events. In past projects we have also provided web-based mapping that can be integrated to the Village's GIS system so that the Village can create location-specific exhibits as needed.

Task 8 – Resident Open House: We recommend for the Village to host an open house to allow residents to share their first-hand flooding experiences and to view the results of the existing conditions modeling. We will bring several water resources engineers to interact with residents and explain the model results. The inundation mapping completed in Task 7 will be printed and used as a basis for residents to add their own information. Any flood questionnaires received prior to the meeting will be represented in the drawings.

Task 9 – Existing Conditions Technical Memo: A technical memorandum will be prepared summarizing the model development process and findings.

PHASE 2 – PROPOSED IMPROVEMENTS

Task 10 – Determination of Problem Areas: We will work with Village staff to assess the existing conditions inundation mapping and to establish the stormwater problem areas to be evaluated for potential improvements. If a comprehensive approach is desired, we will evaluate several potential criteria to be used such as maximum flooding depth or structures at risk of flooding. A series of exhibits and/or a corresponding list of problem areas will be developed.

Task 11 – Stormwater Capital Improvement Plan: We will utilize the modeling to develop improvement alternatives as needed to achieve the desired improvements for the identified problem areas. Note that each alternative will be developed to a concept level. Modeling will be utilized to verify proof of concept. As each project moves toward implementation, a more detailed analysis will be needed which may change the sizing of elements and project costs. For each alternative, a concept-level plan and cost estimate will be prepared.

Task 12 – Project Prioritization: We will work with Village staff to develop project prioritization criteria which may include project cost, number of impacted properties, depth of roadway flooding, frequency of flooding, or other factors. Once the criteria are established, we will create a prioritized list of the projects developed in Task 11.

Task 13 – SMP Summary Report: At the conclusion of the SMP process, we will prepare a summary report which documents the study. The methodology and results of all modeling analyses will be summarized and appropriate narrative, exhibits, output, and backup calculations will be included.

Task 14 – Public Presentations: We have assumed that one public input meeting will be held during the Capital Improvement Plan development that will be similar to the Resident Open House in Task 8. We will also prepare one final PowerPoint presentation based on the Summary Report and have assumed it will be presented at a Village board meeting. If additional presentations or public meetings are needed, the work effort will be adjusted or they will be handled on a time and materials basis.

FEE ESTIMATE

TASK	DESCRIPTION	FEE
	PHASE 1 – EXISTING CONDITIONS	
1	Data Review	$ 7,020
2	Flood Questionnaire and Mapping	$ 5,320
3	Field Verification	$ 17,500
4	GIS Database Development	$ 11,560
5	Existing Conditions Model Development	$ 53,200
6	Model Calibration	$ 8,540
7	Inundation Mapping	$ 9,560
8	Resident Open House	$ 4,340
9	Existing Conditions Technical Memo	$ 8,040
	PHASE 2 – PROPOSED IMPROVEMENTS	
10	Determination of Problem Areas	$ 8,560
11	Stormwater Capital Improvement Plan	$ 41,160
12	Project Prioritization	$ 8,840
13	SMP Summary Report	$ 13,760
14	Public Presentations	$ 11,560
	PHASE 1 Subtotal	$125,080
	PHASE 2 Subtotal	$ 83,880
	Direct Reimbursable Expenses	$ 1,500
	TOTAL	**$210,460**

We will bill you at the hourly rates specified on the attached Schedule of Charges. We will establish our contract in accordance with the attached General Terms and Conditions. These General Terms and Conditions are expressly incorporated into and are an integral part of this contract for professional services. Please note that meetings and additional services performed by CBBEL that are not included as part of this proposal will be billed on a time and materials basis and at the attached hourly rates.

Please sign and return one copy of this agreement as an indication of acceptance and notice to proceed. Please feel free to contact us anytime.

Sincerely,



Thomas T. Burke, Jr., PhD, PE
Executive Vice President

Encl. Schedule of Charges
General Terms and Conditions

THIS PROPOSAL, SCHEDULE OF CHARGES AND GENERAL TERMS AND CONDITIONS ACCEPTED FOR THE VILLAGE OF WESTERN SPRINGS:

BY: _____

TITLE: _____

DATE: _____

CHRISTOPHER B. BURKE ENGINEERING, LTD.
STANDARD CHARGES FOR PROFESSIONAL SERVICES
EFFECTIVE JANUARY 1, 2026 THROUGH DECEMBER 31, 2026

Personnel	Hourly Rate
Engineer VI	290
Engineer V	250
Engineer IV	215
Engineer III	190
Engineer I/II	165
Survey V	250
Survey IV	235
Survey III	215
Survey II	170
Survey I	145
Engineering Technician V	230
Engineering Technician IV	205
Engineering Technician III	150
Engineering Technician I/II	135
CAD Manager	225
CAD Technician II	165
CAD Technician I	145
GIS Specialist III	190
GIS Specialist I/II	165
Landscape Architect II	215
Landscape Architect I	190
Landscape Designer III	165
Landscape Designer I/II	130
Environmental Resource Specialist V	250
Environmental Resource Specialist IV	205
Environmental Resource Specialist III	175
Environmental Resource Specialist I/II	150
Environmental Resource Technician	150
Business Operations Department	170
Project Specialist	125
Engineering Intern	95
Transportation Planner VI	290
Transportation Planner V	250
Transportation Planner IV	215
Transportation Planner III	190
Transportation Planner I/II	165
Communications V	220
Communications IV	195
Communications III	170
Communications I/II	150

Direct Costs	
Outside Copies, Blueprints, Messenger, Delivery Services, Mileage	Cost + 12%

These rates are in effect until December 31, 2026, at which time they will be subject to change.

CHRISTOPHER B. BURKE ENGINEERING, LTD.
GENERAL TERMS AND CONDITIONS

1. Relationship Between Engineer and Client: Christopher B. Burke Engineering, Ltd. (Engineer) shall serve as Client's professional engineer consultant in those phases of the Project to which this Agreement applies. This relationship is that of a buyer and seller of professional services and as such the Engineer is an independent contractor in the performance of this Agreement and it is understood that the parties have not entered into any joint venture or partnership with the other. The Engineer shall not be considered to be the agent of the Client. Nothing contained in this Agreement shall create a contractual relationship with a cause of action in favor of a third party against either the Client or Engineer.

   Furthermore, causes of action between the parties to this Agreement pertaining to acts of failures to act shall be deemed to have accrued and the applicable statute of limitations shall commence to run not later than the date of substantial completion.

2. Responsibility of the Engineer: Engineer will strive to perform services under this Agreement in accordance with generally accepted and currently recognized engineering practices and principles, and in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representation, express or implied, and no warranty or guarantee is included or intended in this Agreement, or in any report, opinion, document, or otherwise.

   Notwithstanding anything to the contrary which may be contained in this Agreement or any other material incorporated herein by reference, or in any Agreement between the Client and any other party concerning the Project, the Engineer shall not have control or be in charge of and shall not be responsible for the means, methods, techniques, sequences or procedures of construction, or the safety, safety precautions or programs of the Client, the construction contractor, other contractors or subcontractors performing any of the work or providing any of the services on the Project. Nor shall the Engineer be responsible for the acts or omissions of the Client, or for the failure of the Client, any architect, engineer, consultant, contractor or subcontractor to carry out their respective responsibilities in accordance with the Project documents, this Agreement or any other agreement concerning the Project. Any provision which purports to amend this provision shall be without effect unless it contains a reference that the content of this condition is expressly amended for the purposes described in such amendment and is signed by the Engineer.

3. Changes: Client reserves the right by written change order or amendment to make changes in requirements, amount of work, or engineering time schedule adjustments, and Engineer and Client shall negotiate appropriate adjustments acceptable to both parties to accommodate any changes, if commercially possible.

4. Suspension of Services: Client may, at any time, by written order to Engineer (Suspension of Services Order) require Engineer to stop all, or any part, of the services required by this Agreement. Upon receipt of such an order, Engineer shall immediately comply with its terms and take all reasonable steps to minimize the costs associated with the services affected by such order. Client, however, shall pay all costs incurred by the suspension, including all costs necessary to maintain continuity and for the resumptions

of the services upon expiration of the Suspension of Services Order. Engineer will not be obligated to provide the same personnel employed prior to suspension, when the services are resumed, in the event that the period of suspension is greater than thirty (30) days.

5. Termination: This Agreement may be terminated by either party upon thirty (30) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. This Agreement may be terminated by Client, under the same terms, whenever Client shall determine that termination is in its best interests. Cost of termination, including salaries, overhead and fee, incurred by Engineer either before or after the termination date shall be reimbursed by Client.

6. Documents Delivered to Client: Drawings, specifications, reports, and any other Project Documents prepared by Engineer in connection with any or all of the services furnished hereunder shall be delivered to the Client for the use of the Client. Engineer shall have the right to retain originals of all Project Documents and drawings for its files. Furthermore, it is understood and agreed that the Project Documents such as, but not limited to reports, calculations, drawings, and specifications prepared for the Project, whether in hard copy or machine readable form, are instruments of professional service intended for one-time use in the construction of this Project. These Project Documents are and shall remain the property of the Engineer. The Client may retain copies, including copies stored on magnetic tape or disk, for information and reference in connection with the occupancy and use of the Project.

   When and if record drawings are to be provided by the Engineer, Client understands that information used in the preparation of record drawings is provided by others and Engineer is not responsible for accuracy, completeness, nor sufficiency of such information. Client also understands that the level of detail illustrated by record drawings will generally be the same as the level of detail illustrated by the design drawing used for project construction. If additional detail is requested by the Client to be included on the record drawings, then the Client understands and agrees that the Engineer will be due additional compensation for additional services.

   It is also understood and agreed that because of the possibility that information and data delivered in machine readable form may be altered, whether inadvertently or otherwise, the Engineer reserves the right to retain the original tapes/disks and to remove from copies provided to the Client all identification reflecting the involvement of the Engineer in their preparation. The Engineer also reserves the right to retain hard copy originals of all Project Documentation delivered to the Client in machine readable form, which originals shall be referred to and shall govern in the event of any inconsistency between the two.

   The Client understands that the automated conversion of information and data from the system and format used by the Engineer to an alternate system or format cannot be accomplished without the introduction of inexactitudes, anomalies, and errors. In the event Project Documentation provided to the Client in machine readable form is so converted, the Client agrees to assume all risks associated therewith and, to the fullest

extent permitted by law, to hold harmless and indemnify the Engineer from and against all claims, liabilities, losses, damages, and costs, including but not limited to attorney's fees, arising therefrom or in connection therewith.

The Client recognizes that changes or modifications to the Engineer's instruments of professional service introduced by anyone other than the Engineer may result in adverse consequences which the Engineer can neither predict nor control. Therefore, and in consideration of the Engineer's agreement to deliver its instruments of professional service in machine readable form, the Client agrees, to the fullest extent permitted by law, to hold harmless and indemnify the Engineer from and against all claims, liabilities, losses, damages, and costs, including but not limited to attorney's fees, arising out of or in any way connected with the modification, misinterpretation, misuse, or reuse by others of the machine readable information and data provided by the Engineer under this Agreement. The foregoing indemnification applies, without limitation, to any use of the Project Documentation on other projects, for additions to this Project, or for completion of this Project by others, excepting only such use as may be authorized, in writing, by the Engineer.

7. Reuse of Documents: All Project Documents including but not limited to reports, opinions of probable costs, drawings and specifications furnished by Engineer pursuant to this Agreement are intended for use on the Project only. They cannot be used by Client or others on extensions of the Project or any other project. Any reuse, without specific written verification or adaptation by Engineer, shall be at Client's sole risk, and Client shall indemnify and hold harmless Engineer from all claims, damages, losses, and expenses including attorney's fees arising out of or resulting therefrom.

   The Engineer shall have the right to include representations of the design of the Project, including photographs of the exterior and interior, among the Engineer's promotional and professional materials. The Engineer's materials shall not include the Client's confidential and proprietary information if the Client has previously advised the Engineer in writing of the specific information considered by the Client to be confidential and proprietary.

8. Standard of Practice: The Engineer will strive to conduct services under this agreement in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions as of the date of this Agreement.

9. Compliance With Laws: The Engineer will strive to exercise usual and customary professional care in his/her efforts to comply with those laws, codes, ordinance and regulations which are in effect as of the date of this Agreement.

   With specific respect to prescribed requirements of the Americans with Disabilities Act of 1990 or certified state or local accessibility regulations (ADA), Client understands ADA is a civil rights legislation and that interpretation of ADA is a legal issue and not a design issue and, accordingly, retention of legal counsel (by Client) for purposes of interpretation is advisable. As such and with respect to ADA, Client agrees to waive any action against Engineer, and to indemnify and defend Engineer against any claim arising from Engineer's alleged failure to meet ADA requirements prescribed.

Further to the law and code compliance, the Client understands that the Engineer will strive to provide designs in accordance with the prevailing Standards of Practice as previously set forth, but that the Engineer does not warrant that any reviewing agency having jurisdiction will not for its own purposes comment, request changes and/or additions to such designs. In the event such design requests are made by a reviewing agency, but which do not exist in the form of a written regulation, ordinance or other similar document as published by the reviewing agency, then such design changes (at substantial variance from the intended design developed by the Engineer), if effected and incorporated into the project documents by the Engineer, shall be considered as Supplementary Task(s) to the Engineer's Scope of Service and compensated for accordingly.

10. Indemnification: Engineer shall indemnify and hold harmless Client up to the amount of this contract fee (for services) from loss or expense, including reasonable attorney's fees for claims for personal injury (including death) or property damage to the extent caused by the sole negligent act, error or omission of Engineer.

    Client shall indemnify and hold harmless Engineer under this Agreement, from loss or expense, including reasonable attorney's fees, for claims for personal injuries (including death) or property damage arising out of the sole negligent act, error omission of Client.

    In the event of joint or concurrent negligence of Engineer and Client, each shall bear that portion of the loss or expense that its share of the joint or concurrent negligence bears to the total negligence (including that of third parties), which caused the personal injury or property damage.

    Engineer shall not be liable for special, incidental or consequential damages, including, but not limited to loss of profits, revenue, use of capital, claims of customers, cost of purchased or replacement power, or for any other loss of any nature, whether based on contract, tort, negligence, strict liability or otherwise, by reasons of the services rendered under this Agreement.

11. Opinions of Probable Cost: Since Engineer has no control over the cost of labor, materials or equipment, or over the Contractor(s) method of determining process, or over competitive bidding or market conditions, his/her opinions of probable Project Construction Cost provided for herein are to be made on the basis of his/her experience and qualifications and represent his/her judgement as a design professional familiar with the construction industry, but Engineer cannot and does not guarantee that proposal, bids or the Construction Cost will not vary from opinions of probable construction cost prepared by him/her. If prior to the Bidding or Negotiating Phase, Client wishes greater accuracy as to the Construction Cost, the Client shall employ an independent cost estimator Consultant for the purpose of obtaining a second construction cost opinion independent from Engineer.

12. Governing Law & Dispute Resolutions: This Agreement shall be governed by and construed in accordance with Articles previously set forth by (Item 9 of) this Agreement, together with the laws of the **State of Illinois**.

Any claim, dispute or other matter in question arising out of or related to this Agreement, which can not be mutually resolved by the parties of this Agreement, shall be subject to mediation as a condition precedent to arbitration (if arbitration is agreed upon by the parties of this Agreement) or the institution of legal or equitable proceedings by either party. If such matter relates to or is the subject of a lien arising out of the Engineer's services, the Engineer may proceed in accordance with applicable law to comply with the lien notice or filing deadlines prior to resolution of the matter by mediation or by arbitration.

The Client and Engineer shall endeavor to resolve claims, disputes and other matters in question between them by mediation which, unless the parties mutually agree otherwise, shall be in accordance with the Construction Industry Mediation Rules of the American Arbitration Association currently in effect. Requests for mediation shall be filed in writing with the other party to this Agreement and with the American Arbitration Association. The request may be made concurrently with the filing of a demand for arbitration but, in such event, mediation shall proceed in advance of arbitration or legal or equitable proceedings, which shall be stayed pending mediation for a period of 60 days from the date of filing, unless stayed for a longer period by agreement of the parties or court order.

The parties shall share the mediator's fee and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

13. Successors and Assigns: The terms of this Agreement shall be binding upon and inure to the benefit of the parties and their respective successors and assigns: provided, however, that neither party shall assign this Agreement in whole or in part without the prior written approval of the other.

14. Waiver of Contract Breach: The waiver of one party of any breach of this Agreement or the failure of one party to enforce at any time, or for any period of time, any of the provisions hereof, shall be limited to the particular instance, shall not operate or be deemed to waive any future breaches of this Agreement and shall not be construed to be a waiver of any provision, except for the particular instance.

15. Entire Understanding of Agreement: This Agreement represents and incorporates the entire understanding of the parties hereto, and each party acknowledges that there are no warranties, representations, covenants or understandings of any kind, matter or description whatsoever, made by either party to the other except as expressly set forth herein. Client and the Engineer hereby agree that any purchase orders, invoices, confirmations, acknowledgments or other similar documents executed or delivered with respect to the subject matter hereof that conflict with the terms of the Agreement shall be null, void and without effect to the extent they conflict with the terms of this Agreement.

16. Amendment: This Agreement shall not be subject to amendment unless another instrument is duly executed by duly authorized representatives of each of the parties and entitled "Amendment of Agreement".

17. Severability of Invalid Provisions: If any provision of the Agreement shall be held to contravene or to be invalid under the laws of any particular state, county or jurisdiction where used, such contravention shall not invalidate the entire Agreement, but it shall be construed as if not containing the particular provisions held to be invalid in the particular state, country or jurisdiction and the rights or obligations of the parties hereto shall be construed and enforced accordingly.

18. Force Majeure: Neither Client nor Engineer shall be liable for any fault or delay caused by any contingency beyond their control including but not limited to acts of God, wars, strikes, walkouts, fires, natural calamities, or demands or requirements of governmental agencies.

19. Subcontracts: Engineer may subcontract portions of the work, but each subcontractor must be approved by Client in writing.

20. Access and Permits: Client shall arrange for Engineer to enter upon public and private property and obtain all necessary approvals and permits required from all governmental authorities having jurisdiction over the Project. Client shall pay costs (including Engineer's employee salaries, overhead and fee) incident to any effort by Engineer toward assisting Client in such access, permits or approvals, if Engineer perform such services.

21. Designation of Authorized Representative: Each party (to this Agreement) shall designate one or more persons to act with authority in its behalf in respect to appropriate aspects of the Project. The persons designated shall review and respond promptly to all communications received from the other party.

22. Notices: Any notice or designation required to be given to either party hereto shall be in writing, and unless receipt of such notice is expressly required by the terms hereof shall be deemed to be effectively served when deposited in the mail with sufficient first class postage affixed, and addressed to the party to whom such notice is directed at such party's place of business or such other address as either party shall hereafter furnish to the other party by written notice as herein provided.

23. Limit of Liability: The Client and the Engineer have discussed the risks, rewards, and benefits of the project and the Engineer's total fee for services. In recognition of the relative risks and benefits of the Project to both the Client and the Engineer, the risks have been allocated such that the Client agrees that to the fullest extent permitted by law, the Engineer's total aggregate liability to the Client for any and all injuries, claims, costs, losses, expenses, damages of any nature whatsoever or claim expenses arising out of this Agreement from any cause or causes, including attorney's fees and costs, and expert witness fees and costs, shall not exceed the total Engineer's fee for professional engineering services rendered on this project as made part of this Agreement. Such causes included but are not limited to the Engineer's negligence, errors, omissions, strict liability or breach of contract. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.

24. Client's Responsibilities: The Client agrees to provide full information regarding requirements for and about the Project, including a program which shall set forth the Client's objectives, schedule, constraints, criteria, special equipment, systems and site requirements.

The Client agrees to furnish and pay for all legal, accounting and insurance counseling services as may be necessary at any time for the Project, including auditing services which the Client may require to verify the Contractor's Application for Payment or to ascertain how or for what purpose the Contractor has used the money paid by or on behalf of the Client.

The Client agrees to require the Contractor, to the fullest extent permitted by law, to indemnify, hold harmless, and defend the Engineer, its consultants, and the employees and agents of any of them from and against any and all claims, suits, demands, liabilities, losses, damages, and costs ("Losses"), including but not limited to costs of defense, arising in whole or in part out of the negligence of the Contractor, its subcontractors, the officers, employees, agents, and subcontractors of any of them, or anyone for whose acts any of them may be liable, regardless of whether or not such Losses are caused in part by a party indemnified hereunder. Specifically excluded from the foregoing are Losses arising out of the preparation or approval of maps, drawings, opinions, reports, surveys, change orders, designs, or specifications, and the giving of or failure to give directions by the Engineer, its consultants, and the agents and employees of any of them, provided such giving or failure to give is the primary cause of Loss. The Client also agrees to require the Contractor to provide to the Engineer the required certificate of insurance.

The Client further agrees to require the Contractor to name the Engineer, its agents and consultants as additional insureds on the Contractor's policy or policies of comprehensive or commercial general liability insurance. Such insurance shall include products and completed operations and contractual liability coverages, shall be primary and noncontributing with any insurance maintained by the Engineer or its agents and consultants, and shall provide that the Engineer be given thirty days, unqualified written notice prior to any cancellation thereof.

In the event the foregoing requirements, or any of them, are not established by the Client and met by the Contractor, the Client agrees to indemnify and hold harmless the Engineer, its employees, agents, and consultants from and against any and all Losses which would have been indemnified and insured against by the Contractor, but were not.

When Contract Documents prepared under the Scope of Services of this contract require insurance(s) to be provided, obtained and/or otherwise maintained by the Contractor, the Client agrees to be wholly responsible for setting forth any and all such insurance requirements. Furthermore, any document provided for Client review by the Engineer under this Contract related to such insurance(s) shall be considered as sample insurance requirements and not the recommendation of the Engineer. Client agrees to have their own risk management department review any and all insurance requirements for adequacy and to determine specific types of insurance(s) required for the project. Client further agrees that decisions concerning types and amounts of insurance are

specific to the project and shall be the product of the Client. As such, any and all insurance requirements made part of Contract Documents prepared by the Engineer are not to be considered the Engineer's recommendation, and the Client shall make the final decision regarding insurance requirements.

25. Information Provided by Others: The Engineer shall indicate to the Client the information needed for rendering of the services of this Agreement. The Client shall provide to the Engineer such information as is available to the Client and the Client's consultants and contractors, and the Engineer shall be entitled to rely upon the accuracy and completeness thereof. The Client recognizes that it is impossible for the Engineer to assure the accuracy, completeness and sufficiency of such information, either because it is impossible to verify, or because of errors or omissions which may have occurred in assembling the information the Client is providing. Accordingly, the Client agrees, to the fullest extent permitted by law, to indemnify and hold the Engineer and the Engineer's subconsultants harmless from any claim, liability or cost (including reasonable attorneys' fees and cost of defense) for injury or loss arising or allegedly arising from errors, omissions or inaccuracies in documents or other information provided by the Client to the Engineer.

26. Payment: Client shall be invoiced once each month for work performed during the preceding period. Client agrees to pay each invoice within thirty (30) days of its receipt. The client further agrees to pay interest on all amounts invoiced and not paid or objected to for valid cause within said thirty (30) day period at the rate of eighteen (18) percent per annum (or the maximum interest rate permitted under applicable law, whichever is the lesser) until paid. Client further agrees to pay Engineer's cost of collection of all amounts due and unpaid after sixty (60) days, including court costs and reasonable attorney's fees, as well as costs attributed to suspension of services accordingly and as follows:

    Collection Costs. In the event legal action is necessary to enforce the payment provisions of this Agreement, the Engineer shall be entitled to collect from the Client any judgement or settlement sums due, reasonable attorneys' fees, court costs and expenses incurred by the Engineer in connection therewith and, in addition, the reasonable value of the Engineer's time and expenses spent in connection with such collection action, computed at the Engineer's prevailing fee schedule and expense policies.

    Suspension of Services. If the Client fails to make payments when due or otherwise is in breach of this Agreement, the Engineer may suspend performance of services upon five (5) calendar days' notice to the Client. The Engineer shall have no liability whatsoever to the Client for any costs or damages as a result of such suspension caused by any breach of this Agreement by the Client. Client will reimburse Engineer for all associated costs as previously set forth in (Item 4 of) this Agreement.

27. When construction observation tasks are part of the service to be performed by the Engineer under this Agreement, the Client will include the following clause in the construction contract documents and Client agrees not to modify or delete it:

Kotecki Waiver. Contractor (and any subcontractor into whose subcontract this clause is incorporated) agrees to assume the entire liability for all personal injury claims suffered by its own employees, including without limitation claims under the **Illinois** Structural Work Act, asserted by persons allegedly injured on the Project; waives any limitation of liability defense based upon the Worker's Compensation Act, court interpretations of said Act or otherwise; and to the fullest extent permitted by law, agrees to indemnify and hold harmless and defend Owner and Engineer and their agents, employees and consultants (the "Indemnitees") from and against all such loss, expense, damage or injury, including reasonable attorneys' fees, that the Indemnitees may sustain as a result of such claims, except to the extent that **Illinois** law prohibits indemnity for the Indemnitees' own negligence. The Owner and Engineer are designated and recognized as explicit third party beneficiaries of the Kotecki Waiver within the general contract and all subcontracts entered into in furtherance of the general contract.

28. Job Site Safety/Supervision & Construction Observation: The Engineer shall neither have control over or charge of, nor be responsible for, the construction means, methods, techniques, sequences of procedures, or for safety precautions and programs in connection with the Work since they are solely the Contractor's rights and responsibilities. The Client agrees that the Contractor shall supervise and direct the work efficiently with his/her best skill and attention; and that the Contractor shall be solely responsible for the means, methods, techniques, sequences and procedures of construction and safety at the job site. The Client agrees and warrants that this intent shall be carried out in the Client's contract with the Contractor. The Client further agrees that the Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work; and that the Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to all employees on the subject site and all other persons who may be affected thereby. The Engineer shall have no authority to stop the work of the Contractor or the work of any subcontractor on the project.

When construction observation services are included in the Scope of Services, the Engineer shall visit the site at intervals appropriate to the stage of the Contractor's operation, or as otherwise agreed to by the Client and the Engineer to: 1) become generally familiar with and to keep the Client informed about the progress and quality of the Work; 2) to strive to bring to the Client's attention defects and deficiencies in the Work and; 3) to determine in general if the Work is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the Contract Documents. However, the Engineer shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. If the Client desires more extensive project observation, the Client shall request that such services be provided by the Engineer as Additional and Supplemental Construction Observation Services in accordance with the terms of this Agreement.

The Engineer shall not be responsible for any acts or omissions of the Contractor, subcontractor, any entity performing any portions of the Work, or any agents or employees of any of them. The Engineer does not guarantee the performance of the

Contractor and shall not be responsible for the Contractor's failure to perform its Work in accordance with the Contract Documents or any applicable laws, codes, rules or regulations.

When municipal review services are included in the Scope of Services, the Engineer (acting on behalf of the municipality), when acting in good faith in the discharge of its duties, shall not thereby render itself liable personally and is, to the maximum extent permitted by law, relieved from all liability for any damage that may accrue to persons or property by reason of any act or omission in the discharge of its duties. Any suit brought against the Engineer which involve the acts or omissions performed by it in the enforcement of any provisions of the Client's rules, regulation and/or ordinance shall be defended by the Client until final termination of the proceedings. The Engineer shall be entitled to all defenses and municipal immunities that are, or would be, available to the Client.

29. Insurance and Indemnification: The Engineer and the Client understand and agree that the Client will contractually require the Contractor to defend and indemnify the Engineer and/or any subconsultants from any claims arising from the Work. The Engineer and the Client further understand and agree that the Client will contractually require the Contractor to procure commercial general liability insurance naming the Engineer as an additional named insured with respect to the work. The Contractor shall provide to the Client certificates of insurance evidencing that the contractually required insurance coverage has been procured. However, the Contractor's failure to provide the Client with the requisite certificates of insurance shall not constitute a waiver of this provision by the Engineer.

    The Client and Engineer waive all rights against each other and against the Contractor and consultants, agents and employees of each of them for damages to the extent covered by property insurance during construction. The Client and Engineer each shall require similar waivers from the Contractor, consultants, agents and persons or entities awarded separate contracts administered under the Client's own forces.

30. Hazardous Materials/Pollutants: Unless otherwise provided by this Agreement, the Engineer and Engineer's consultants shall have no responsibility for the discovery, presence, handling, removal or disposal of or exposure of persons to hazardous materials/pollutants in any form at the Project site, including but not limited to mold/mildew, asbestos, asbestos products, polychlorinated biphenyl (PCB) or other toxic/hazardous/pollutant type substances.

    Furthermore, Client understands that the presence of mold/mildew and the like are results of prolonged or repeated exposure to moisture and the lack of corrective action. Client also understands that corrective action is a operation, maintenance and repair activity for which the Engineer is not responsible.

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM F.1.

To: Public Works and Water Committee
From: Diana Puga, Municipal Services Coordinator
CC: Matthew Supert, Director of Municipal Services, Ellen Baer, Village Manager
RE: OSS Cost Share Update

Recommendation

N/A

Summary

Due to lower participation in 2025, Village staff recommended reducing the 2026 budget for the Overhead Sewer System (OSS) Cost Share Program from $50,000 to $25,000. However, the significant rainstorms experienced in 2026 led to increased resident interest in the program. To ensure sufficient funding for the remainder of the year, Village staff will request a budget amendment through a Finance Committee agenda item to restore the program's budget to $50,000.

To date, the Village has received six (6) applications for the program in 2026.

Financial Impact

A budget amendment has been requested on the Finance Committee agenda with a recommendation to advance for Village Board consideration.

Recommended Motion

None required.

Strategic Plan Alignment

Infrastructure Improvements

File Attachments

None

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM F.2.

To: Public Works and Water Committee
From: Jeff Koza, Director of Engineering Services
CC: Ellen Baer, Village Manager, John Mastandona, Director of Finance
RE: Hillgrove Avenue Improvements - Phase 1 Engineering Update

Recommendation

No action is required

Summary

Earlier this year, the Village approved a Phase 1 Engineering contract with V3 Companies for approximately $752,224. At the time, staff anticipated spending only $150,000 of that amount in the current budget year. V3 has progressed more quickly than expected and now anticipates about $450,000 in expenditures by year-end. This is not a cost increase—the project is simply incurring costs sooner than originally anticipated. To keep the Hillgrove Avenue project on schedule, staff will be seeking approval of a budget amendment to accommodate the accelerated spending. The amendment will be reviewed by the Finance Committee before consideration by the Village Board. Sufficient fund balance is available in the TIF account to support this request.

Financial Impact

Account	5201395-50100
Fund	TIF District North — Professional Services
2026 Budget	$150,000
Proposed Budget Increase	$300,000
Proposed Amended 2026 Budget Total	$450,000

Recommended Motion

No action is required from the Committee

Strategic Plan Alignment

Infrastructure Improvements

File Attachments

None

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM F.3.

To: Public Works and Water Committee
From: Ronald Derengowski, Water Plant Superintendent
CC: Matthew Supert, Director of Municipal Services, Ellen Baer, Village Manager
RE: Water Update

Recommendation

N/A

Summary

Pilot Study for Alternative Amiad Filtration
The water plant has collected nearly a month's worth of data and will begin the analyzation of the raw water vs. water treated by trial filtering system (Forsta) vs. water initially treated by the current Amiad units. August was focused on Well # 4, and monitoring and testing will occur for Well # 3 starting mid-September. Water plant staff have been conducting many of the tests in-house and are focused on testing four analyte conditions:

- Total and Dissolved Iron
- Total and Dissolved Manganese
- Dissolved Oxygen (starting late August)
- Possible Radium removal capabilities

Hydrant Painting
Go Painters has completed their contract with all the scheduled sandblasting and painting of fire hydrants for 2026.

Vibration Testing of Pumps at the Water Plant
Dreisilker completed pump vibration analysis on the pumps located at the water treatment plant on August 26, 2026. Pending the report, maintenance will be scheduled for the specific needs of the pumps and equipment. Projects starting in September.

Additional Projects
Several projects will begin with their construction or maintenance activities within the Village during September:

- **Phase 2 Lead Service Line Replacement:** Beginning on September 8, 2026, Anchor Mechanical Inc. will begin the lead service line replacements for the 47 homes that are

scheduled for 2026. The first month will focus on those located on Garden Avenue, Rose Avenue, and Western Avenue.

- **Valve Exercising and Assessments**: Wachs will be performing the exercising and assessment of approximately 209 water valves in the Ridge Acres, Springdale, and Ridgewood communities.
- **Replacement of Water Meters:** Water Services has begun scheduling and replacement of the 104 water meters anticipated for this project.

Financial Impact

Report Only

Recommended Motion

N/A

Strategic Plan Alignment

Infrastructure Improvements

File Attachments

None

AGENDA ITEM SUMMARY

PUBLIC WORKS AND WATER COMMITTEE

Public Works and Water Committee: September 1, 2026

AGENDA ITEM F.4.

To: Public Works and Water Committee
From: Matthew Supert, Director of Municipal Services
CC: Ellen Baer, Village Manager
RE: Leaf Pickup Resident Survey - Update

Recommendation

Review and discussion of the leaf collection survey and preliminary review of data collected.

Summary

Leaf Program History
Each fall, the Public Works Division conducts approximately seven weeks of curbside leaf collection throughout the Village. Residents and landscapers rake/blow leaves from private property and parkway trees into the street where they are collected by Village crews. While the program remains a valued service for many residents, it requires the full commitment of Public Works personnel during the busiest portion of the fall season, and presents several operational challenges.

Beginning in 2022, the Village modified the disposal process by contracting Lakeshore Recycling Services (LRS) to transport collected leaves from the Public Works facility to the composting site. This change improved employee safety by eliminating after-hours hauling and reduced liability associated with transporting leaves long distances. Disposal costs currently average approximately $50,000 to $60,000 annually, in addition to labor, equipment operation, maintenance, and administrative costs. As additional subdivisions such as Commonwealth and Timber Trails are accepted into the Village street system, the current collection route is expected to increase by approximately nine percent. Without additional personnel or equipment, maintaining the current level of service will become increasingly difficult.

Operational Considerations
Although the leaf collection program provides an important seasonal service, several ongoing operational issues continue to affect efficiency and service delivery.

Stormwater Management
Leaves placed in the street frequently accumulate along curbs and storm drains, increasing the likelihood of localized flooding during rain events. Public Works staff routinely respond to clear blocked inlets during storms, diverting personnel from other maintenance and emergency operations.

Staffing and Equipment
During the collection season, nearly all Public Works employees are assigned to leaf collection activities. This limits the Department's ability to complete routine maintenance, respond to work orders, and perform infrastructure improvements. In addition, leaf collection places significant wear on specialized equipment, including loaders, dump trucks, and vacuum equipment that were not designed for prolonged seasonal leaf handling.

Snow Operations
Leaf collection coincides with the beginning of the winter maintenance season. Converting vehicles from leaf collection to snow and ice control operations requires several days, reducing operational flexibility when early snowfall occurs.

Program Costs
The Village continues to incur significant annual costs associated with labor, equipment maintenance, disposal, and contracted hauling. Future expansion of the service area will place additional pressure on existing staffing and equipment resources.

2026 Resident Survey
To better understand resident priorities and evaluate future program improvements, the Village conducted a Resident Leaf Collection Survey. Residents were informed of the survey via the Village website, on social media, and in the current issue of Tower Topics. Information about the survey was included in the August issue of President's E-News, and additional reminders were circulated via the website and through Facebook. The survey remains open through August 31.

Summary of Leaf Survey Data
The response data for the leaf survey is included below and additional information for the responses to each question are included in **Attachment A.**

Participation & Satisfaction

- **High Participation:** 527 or 68% of respondents use the Village Leaf Program, either by placing leaves at the curb themselves or via landscapers.
- **Satisfaction Spectrum:** Satisfaction is mixed: 552 of the 779 responders indicated they are “very satisfied” or “somewhat satisfied."

Most Common Issues Reported
Operational Challenges:

- **Timing of Collection:** Many residents report that the collection schedule does not align with when leaves actually fall, especially for late-dropping trees like oaks.
- **Delays Due to Weather:** Early snow or rain often interrupts collection, leaving leaves

uncollected for days or weeks.
- **Inconsistent Pickup:** Residents indicate frustration with unpredictable pickups, especially after storms or at the end of the season.

Street & Environmental Concerns:

- **Clogged Sewer Drains & Flooding:** One of the most frequently cited issues is leaves clogging storm drains, leading to street and even basement flooding.
- **Leaves Blowing Back:** Leaves left on the street often blow back onto properties, requiring repeated cleanup.
- **Debris in Leaf Piles:** Non-leaf items (pumpkins, sticks, landscape waste) are often mixed in, complicating collection and causing additional mess.

Safety & Accessibility:

- **Traffic Hazards:** Large leaf piles block sight lines, create driving hazards, and make it difficult for pedestrians and cyclists.
- **Cars Parked on Leaf Piles:** This impedes collection and can create additional safety issues.

Respondents Duration of Residence:

- Long-term residents (10+ years) were more likely to be satisfied with the program and see it as a valued community service.
- Newer residents were more likely to question the efficiency and environmental impact and are open to alternatives like bagging or mulching.

Staff will provide additional information on possible partnerships with LRS for improvements to the

Comparison of Surrounding Communities
Attachment B includes a survey of Cook and DuPage County municipalities in 2022 along with several supplemental questions discussed by the Committee during the August meeting.

The survey map has been updated for neighboring communities for 2026, of the remainder of the 157 communities were not updated at this time. Additional committee questions discussed during the August

Recommendations for 2026 Leaf Season

Staff is continuing to evaluate opportunities to improve operational efficiency while maintaining the current level of service whenever practical. Resident feedback from the survey was extremely helpful and the preliminary recommendations for 2026 endeavor to focus on addressing some of the common issues identified in the survey, such as safety concerns, late season pickup, and communication during storm or severe weather events.

Enhancing resident communication before and during the collection season.
Village staff will explore options to increase updates through the Village website and digital channels. Because the Village does not have a full-time communications manager, staff will also investigate leveraging the Village's GIS platform to improve the delivery, clarity, and timeliness of public notifications. The implementation of an interactive map that shows the daily completed areas can help keep residents informed.

Enhance efforts to reduce safety issues and stormwater impacts, resident education and enforcement.
Safety issues and stormwater concerns remain consistent across neighborhoods. Stronger code enforcement can be utilized to ensure that only leaves are placed in the street, that cars are not parking over leaf piles, and that leaves are only placed during the designated pickup windows can help to improve multiple issues.

Staff will continue education efforts aimed at reducing drain blockages.

Improvements post-December 1st Pickup Issues.
The Village is awaiting a response from LRS regarding contractual service options to support leaf pickup after December 1 if leaf volume or weather conditions require additional resources.

In the longer term,staff is determining whether contractual vacuuming services could be implemented with leaves placed in the parkway rather than the roadway, which may help mitigate on-street flooding, parking conflicts, and other recurring issues.

Reviewing long-term service delivery options that balance resident expectations with operational sustainability and fiscal responsibility.
Staff will continue assessing the program structure to ensure it remains responsive, manageable, and cost-effective over time. To improve efficiency and better align operations with observed leaf-drop patterns, staff will evaluate shifting the start of the collection program to the first week of November rather than mid-October. Survey data and field observations indicate that the first several weeks of the current schedule do not typically see significant leaf volume. Modifications to the pickup schedule are also being considered. The Committee is asked to review the attached information **(Attachment B)** regarding other communities' programs; including Naperville, Oak Lawn and La Grange Park, which have similar programs, but schedule only a specific number of picks (3-4 for the pickup period) rather than a continuous pickup route.

At this time, it is recommended that operational enhancements be considered for 2026 and

other more substantive changes to the collection program be considered for 2027 due to timing.

Financial Impact

TBD

Recommended Motion

TBD

Strategic Plan Alignment

Community Engagement and Operational Improvement

File Attachments

1. Attachment A.1 - Resident Leaf Collection Survey
2. Attachment A.2 - Supplemental Survey Analysis
3. Attachment B - Comparison of Surrounding Communities

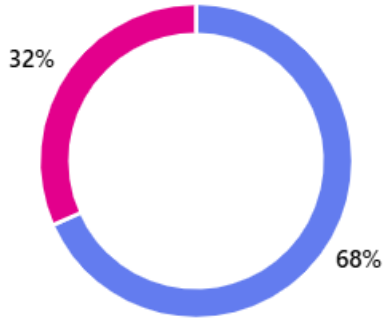
Responses Overview

Active

Responses	Average Time	Duration
780	30:12	46 Days

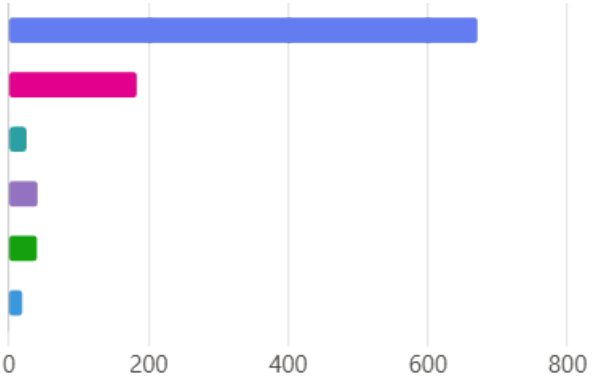
1. Do you use the LRS (Lakeshore Recycling Systems) leaf/yard waste collection cart or bags program?

Yes	528
No	245

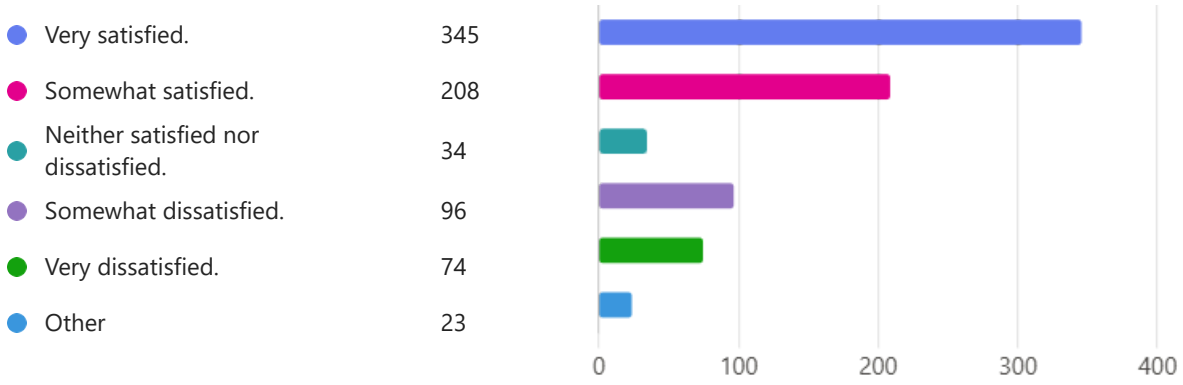


2. Did you use the Village Leaf Program? (check all that apply)

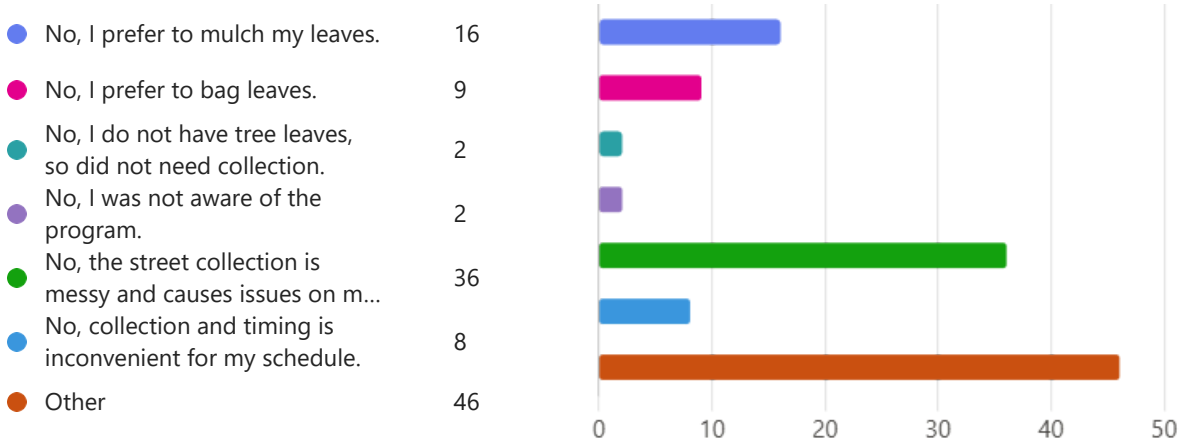
Yes, I participated and placed leaves at the curb.	670
Yes, my landscaper collected leaves and placed them at th...	182
No, I bagged my leaves for LRS collection,	24
No, I mulched my leaves.	40
No, my landscaper hauled away my leaves.	39
Other	18



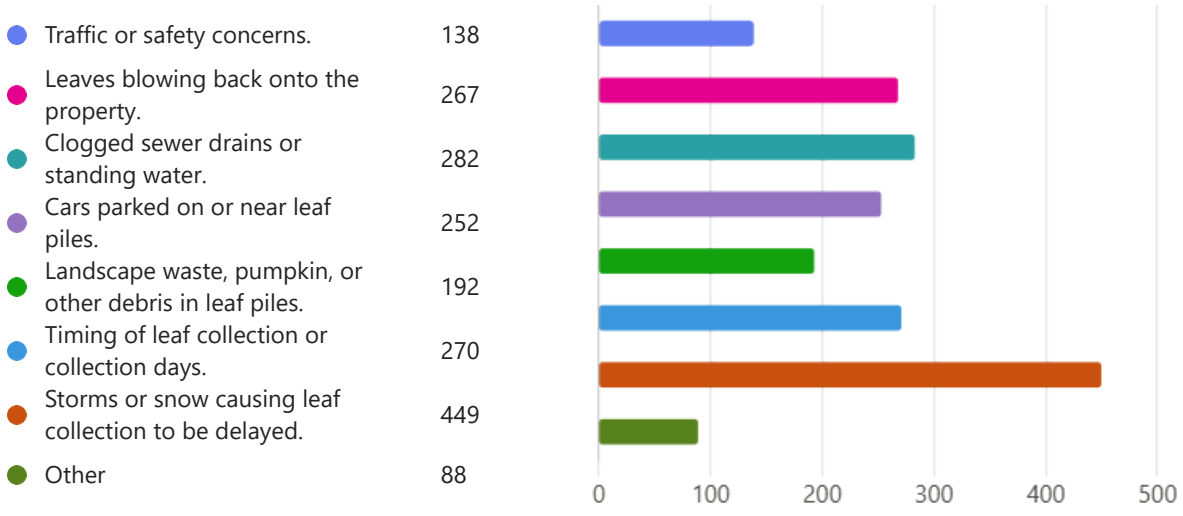
3. If you participated, how satisfied were you with the Village program allowing residents to place leave s directly in the street for collection?



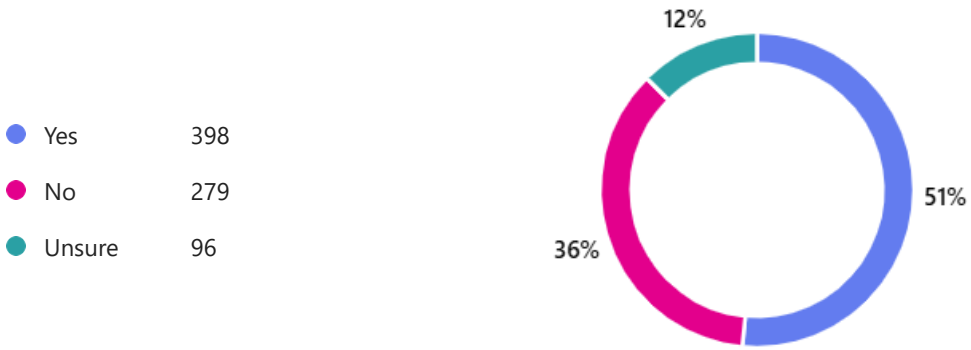
4. If you did not participate in the Village Leaf Program, what was the reason? (check all that apply)



5. Did you experience any issues with leaves placed in the street? (select al that apply)

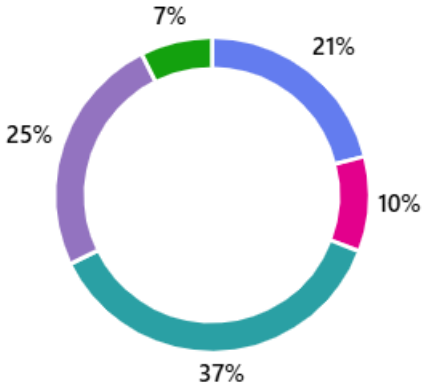


6. Village staff typically collect street leaves weekly. Was the collection schedule and the frequency of pi ck up adequate to meet your needs?



7. If the schedule or frequency of collection was not adequate, what would improve the service?

Pick up schedules by neighborhood posted to the website with daily updates.	229
Earlier seasonal start to the program.	106
Later seasonal end to the program.	402
Extend the free collection via no-cost Yard Waste Cart or free kraft paper bags for weekly curbside…	270
Other	80



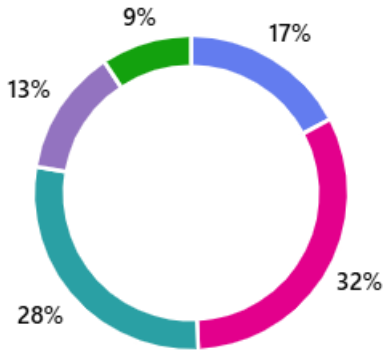
8. Would you support continuing the leaves in the street program if the service came with an additional cost to residents? The cost would support the purchase of equipment better suited to leaf collection.

Yes	392
No	359



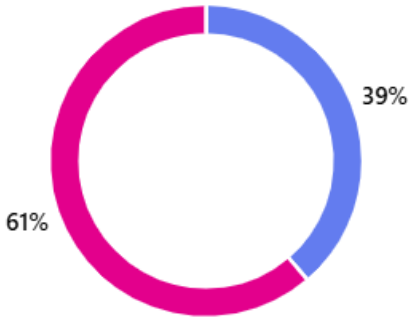
9. As an alternative to placing leaves in the streets, which of the following means for leaf disposal would you utilize? (select all that apply)

Resident purchased brown kraft paper bags placed at the curb for collection day at no additional cost for...	197
Hauler provided yard waste container placed at the curb for collection day at no additional cost (April -...	366
Option to use kraft paper bag or yard carts placed at the curb for collection at no additional cost to the...	325
Mulching leaves (shredding them with a lawnmower and leaving them in your yard or garden) as a cost-...	149
Hire a private landscaping service to remove leaves.	106



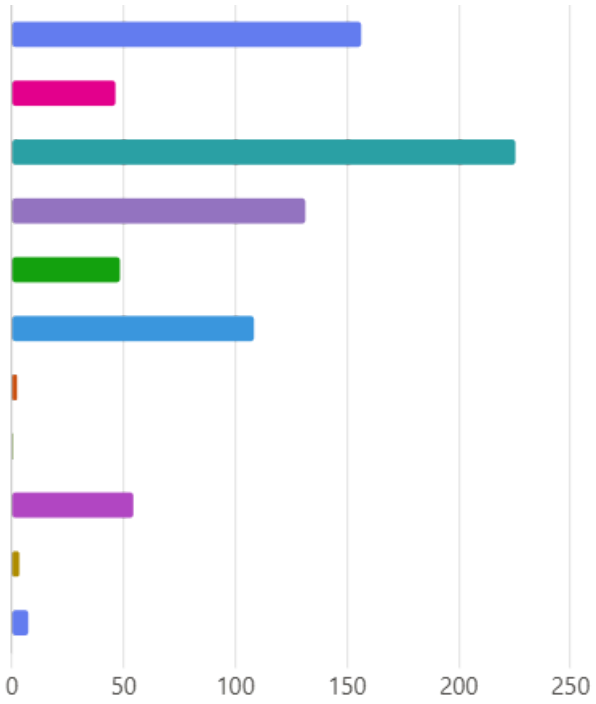
10. Do you currently use the services of a private landscaping company for regular yard maintenance?

Yes	300
No	474



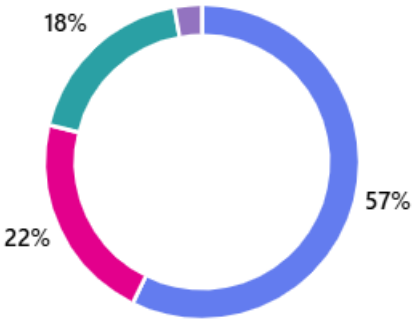
11. Which neighborhood do you live in?

Field Park	156
Old Town South	46
Old Town North	225
Forest Hills	131
Ridge Acres	48
Springdale	108
Timer Trails	2
Heritage Estates	0
Ridgewood	54
Commonwealth	3
Other / Not Sure	7



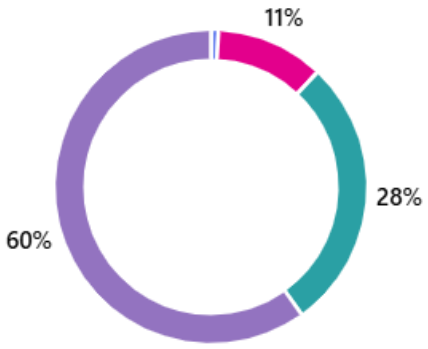
12. Do you live on a street with the following characteristics? (select all that apply)

Heavily tree-lined.	610
Near a major roadway (Ogden, Wolf, Burlington, 47th Street, 55th Street, Gilbert, etc.).	229
Near a low point or area prone to standing water.	196
Other	30



13. How long have you lived in Western Springs?

Less than a year.	6
1 - 5 years.	87
6 - 15 years.	220
More than 15 years.	467



14. What other ideas for improvement or concerns do you have for the Leaf Collection Program?

358
Responses

Latest Responses

"People are told year after year not to place mums or pumpk..."

"The Village leaf pickup program is excellent. Do not change... "

"KEEP IT FREE/ PUT ALL LEAVES ATVTHE CURB. WE HAVE A L... "

• • •

40 respondents (12%) answered LEAF ONLY collection for this question.

Update



15. Any additional comments you would like the Village to consider?

276
Responses

Latest Responses

"Do not charge us any more to have our leaves removed. W... "

"PLEASE GET RID OF THE EXTRA $5.00 REFUSE FEE ON OUR ... "

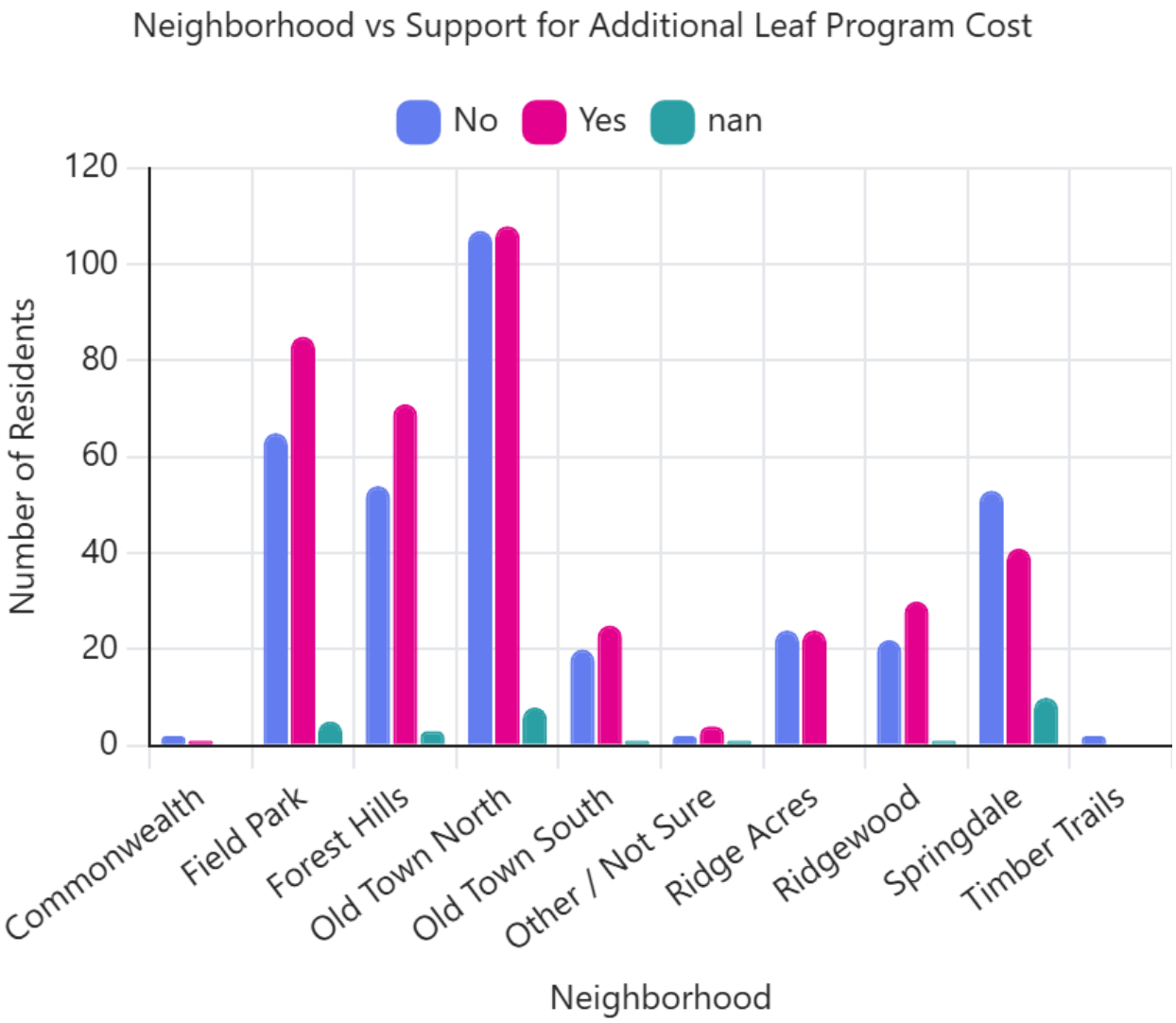
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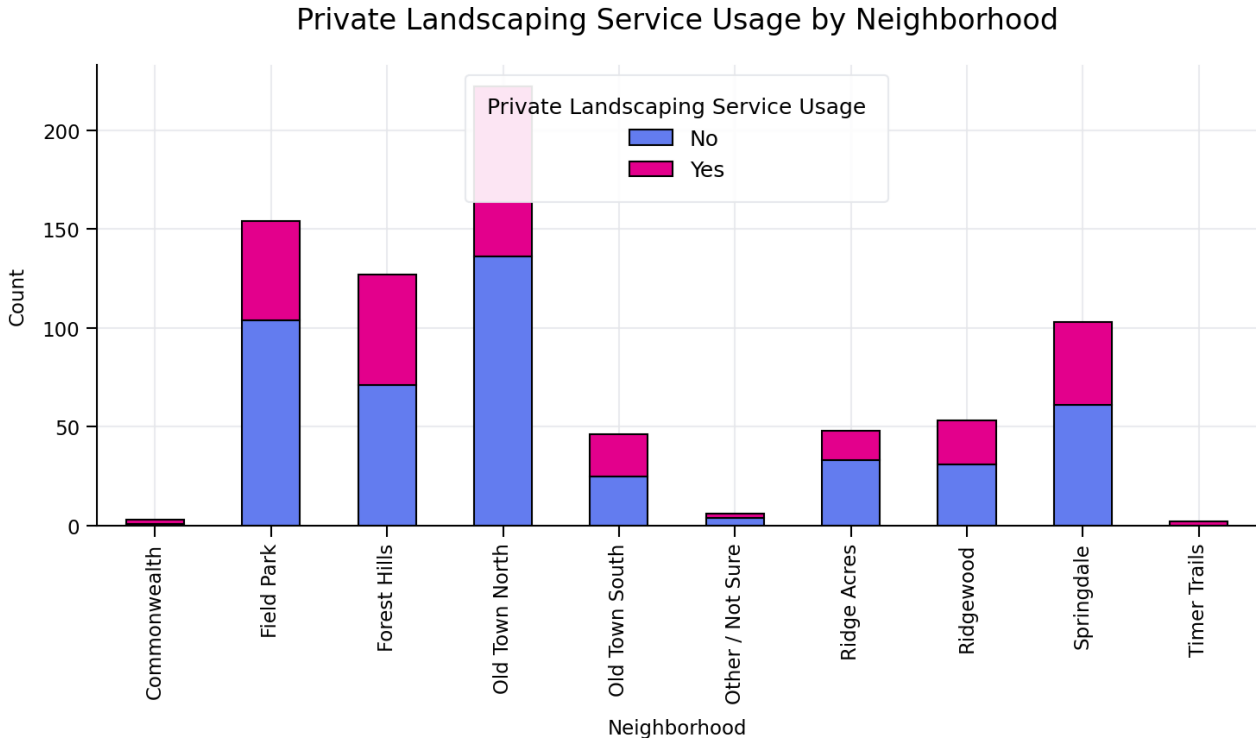
104 respondents (41%) answered leaves for this question.

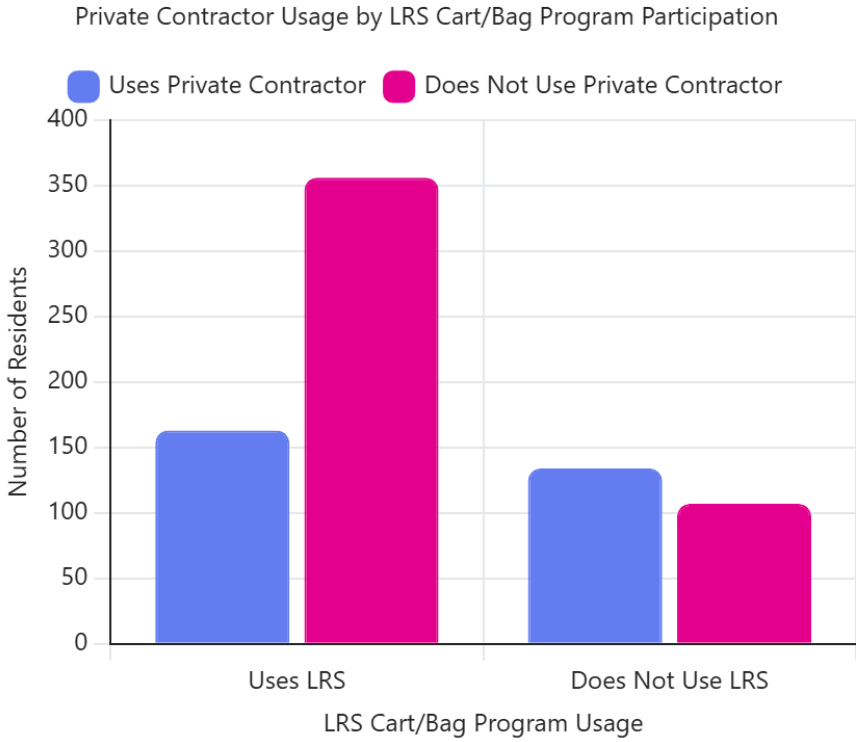
Update



Attachment A2. – Supplemental Survey Analysis




Private Landscaping Service Usage by Neighborhood
Private Landscaping Service Usage
No
Yes
Count
0
50
100
150
200
Commonwealth
Field Park
Forest Hills
Old Town North
Old Town South
Other / Not Sure
Ridge Acres
Ridgewood
Springdale
Timer Trails
Neighborhood

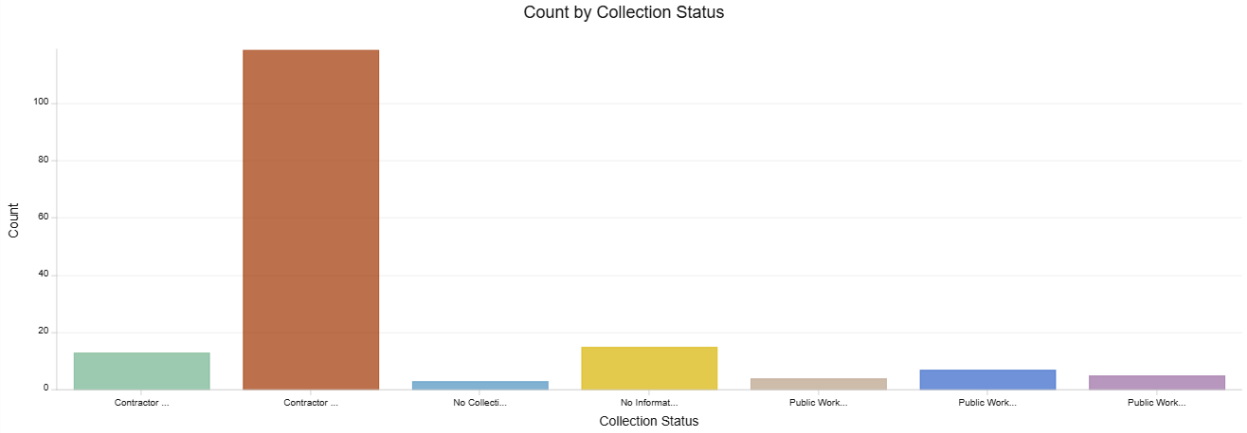

Private Contractor Usage by LRS Cart/Bag Program Participation
Uses Private Contractor
Does Not Use Private Contractor
Number of Residents
0
50
100
150
200
250
300
350
400
Uses LRS
Does Not Use LRS
LRS Cart/Bag Program Usage

Attachment B - Comparison of Surrounding Communities

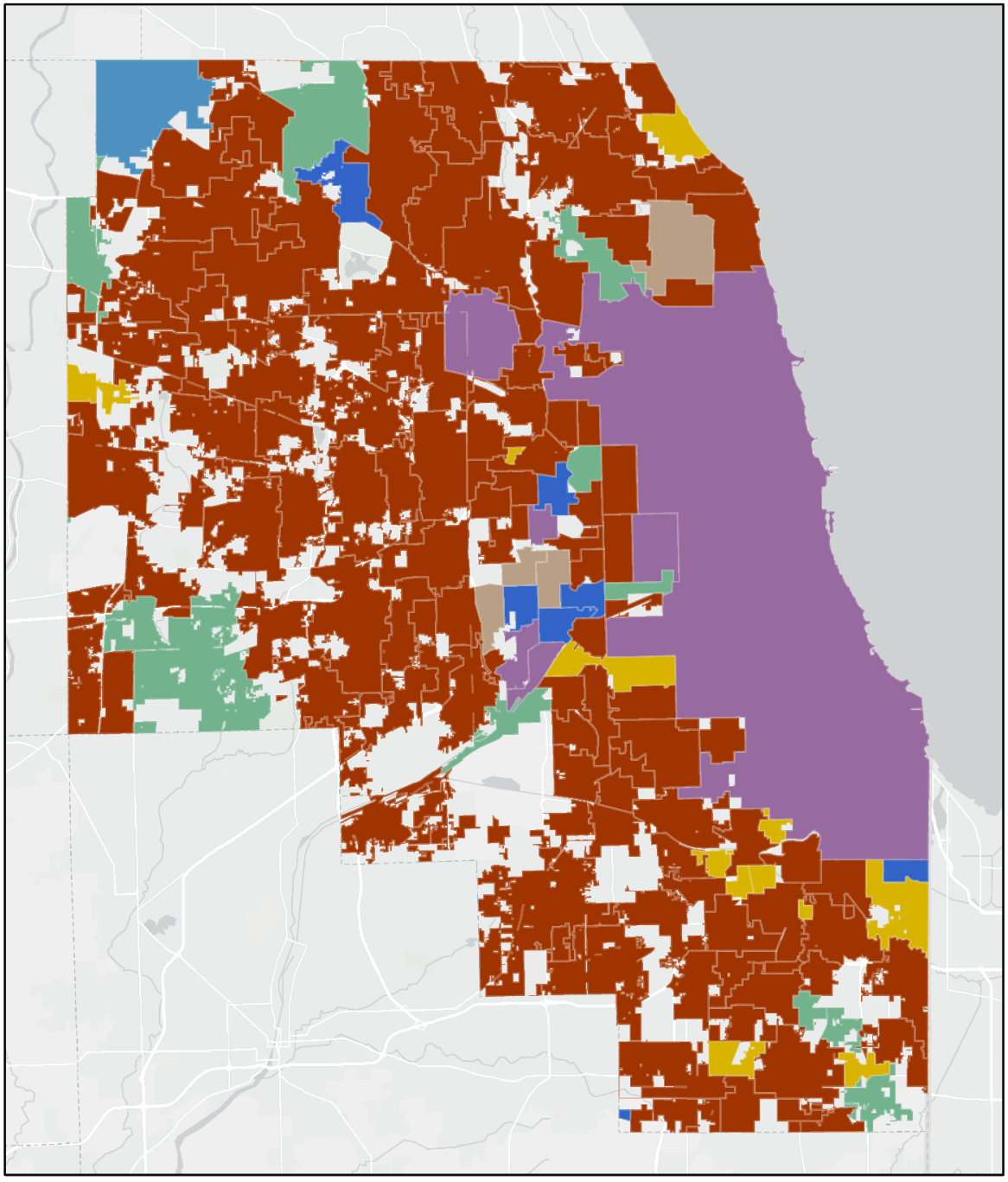
Comparison of Surrounding Communities

Village staff completed a survey of Cook and DuPage County municipalities in 2022. Pickup types vary widely among communities, including municipal-only, contractor-only, fixed-cycle pickups, bag-only systems, and scheduled-day pickups.

The attached survey map has been updated for neighboring communities for 2026, of the remainder of the 157 communities were not updated at this time.



Leaf Collection Map



8/26/2026

1:500,502

0 3.25 6.5 13 mi

0 5 10 20 km

Cook and DuPage Leaf Pickup - Collection Timing

- Contractor Handles All Collection
- No Information
- Public Works Collects and Handles Disposal
- Contractor and PW Handles at Different Times
- Public Works Collects Bags, Disposal not Identified
- Public Works Collects and Contractor Disposes
- No Collection at All

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Committee Questions

Below are answers to the follow-up questions raised by the Public Works & Water Committee regarding the Village's leaf pickup program, from the August 7th Committee meeting.

What level of service are we providing currently? Are we over or under servicing?

The current leaf pickup program begins mid-October and runs through the Monday after Thanksgiving where Public Works will spend the final week completing a final pickup in the community.

The pickup program requires most if not all Public Works staff to complete, with the peak pickup periods typically beginning around the first week of November through the remainder of the month.

During peak pickup periods in November, staff overtime is typically required to complete the town. Staff currently completes one full cycle through the community each week. Of the surveyed communities in Cook and DuPage County only eleven do municipal only pickup and a total of eighteen do a combination of municipal and contractor pickup. Below is a summary table of available information from various communities on their pickup schedules.

Municipality	***Start Date***	***End Date***	***# of Pickups***	***Notes***
Western Springs	**Oct 15**	**Dec 1st**	**6-7**	**~ 1 pickup per week**
La Grange Park	Nov 1	Nov 30	2	2 Passes in Town. Early and late Nov.
La Grange	Oct 15	Dec 1	4	Bi-Weekly Pickups. End Date for 2026 changed to extend into mid- December
Brookfield	Nov 1	Nov 30	4	~1 pickup per week
Naperville	Nov 1	Dec 15	3	PW only pickups historic district
Countryside	Oct 15	Nov 30	6	Parkway only
River Forest	Oct 15	Dec 1	6	1 pickup per week
Broadview	Oct 1	Dec 1	8	Bags Only. 10 Bags Provided
Palatine	Oct 15	Dec 1	3	Scheduled Pickup Date. Leaves cannot be placed out before 4 pm day before pickup date.

How much does the current program cost today?

- In 2025 over the seven-week period of the normal program schedule, an average of **360 daytime hours** were utilized by **Public Works staff per week**. This utilizes **82% of all available public works regular hour** time during the pickup period.
- Public Works staff worked **134.5 hours of overtime** during the pickup period. This is in addition to other overtime needs related to watermain breaks, storm events, holiday decorating, etc.
- In total the regular time and overtime for the seven-week period was approximately **2,654.5 hours for the entire department**, totaling approximately **$80,561 in regular and overtime pay.**
- Estimated fuel usage and vehicle wear costs utilizing fuel delivery invoices and IRS rates for 2025 for two end loaders, the Vactor truck, and five dump trucks is **$14,756.**
- The eight-week period from approximately October 15th to December 15th the Village spent **$21,092 in fuel** compared to $19,410 for the ten-week period from August 1st to October 14th. An approximate **8.67% increase**.
- Haul away and disposal costs with LRS totaled **$47,000.**
- Total program cost for 2025 is estimated at **$142,317.71** not including additional staff time in December and January for additional cleanup. This represents a **21.1% increase** from the cost analysis last run in 2022 where the total was estimated at $117,510.87.

	2022	2025
Labor	$ 43,998.87	$ 80,561.71
Vehicle Costs	$ 22,512.00	$ 14,756.00
Hauling	$ 51,000.00	$ 47,000.00