



PROPOSAL

DOCTOR MARSH PARKING LOT &
NATURE TRAIL

RFP #21-056

SUBMITTED BY V3 COMPANIES



 **POINT OF CONTACT**

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 **SUBMITTED TO**

PATRICK R. O’SULLIVAN
Village Clerk
Village of Orland Park
14700 South Ravinia Avenue
Orland Park, Illinois 60462
Phone: 708.403.6350

SUBMITTED VIA BIDNET

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October 29, 2021

Patrick R. O'Sullivan, Village Clerk
Village of Orland Park
14700 South Ravinia Avenue
Orland Park, IL 60462



Proposal: Design/Build for the Doctor Marsh Parking Lot and Nature Trail | RFP # 21-056

Dear Mr. O'Sullivan,

Thank you for the opportunity to submit our proposal for the Doctor Marsh Parking Lot and Nature Trail Project. V3 is a firm that is extensively qualified to meet all your project needs from concept and design all the way through construction and long-term maintenance. Our success is based on experience and a deep understanding of three major aspects of project delivery -- proper design, sustainable construction, and long-term efficiency. These are core services provided by V3 and we take great pride in executing this type of work.

The V3 team is comprised of in-house professionals with a history of developing creative solutions for projects in naturalized areas throughout the Greater Chicago area. V3 is a unique firm because in addition to the design and permitting expertise, we also self-perform earthwork, underground utility installation and native area/wetland restoration. V3's team of professional engineers, construction professionals, ecologists, and scientists collaborate on all aspects of the project to heighten confidence in a project's constructability, overall cost, and level of sustainability. This helps implement appropriate solutions for projects and stretch funding dollars to the maximum extent possible. These are just a few examples of how we can provide efficiencies and cost-effective measures to enhance the vision of the Doctor Marsh Parking Lot and Nature Trail Project. We are fully committed to the success of this project and achieving the vision of all stakeholders.

We acknowledge receipt of the Response to Questions, dated October 18, 2021.

Our submittal includes firm and staff qualifications as well as our project approach and understanding. We look forward to working with the Village of Orland Park and are available immediately to begin work. If you have any questions regarding our qualifications, please feel free to contact me at 630.330.7626 or via email at mfamiglietti@v3co.com. We are excited to continue our relationship with the Village of Orland Park and further contribute to the beautification of your community.

Sincerely,
V3 Companies, Ltd.

A handwritten signature in black ink, appearing to read 'Mike Famiglietti', written over a light grey circular background.

Mike Famiglietti, P.E.
Vice President, Director of Construction & Ecological Restoration



SECTION 1

OPERATING HISTORY

ABOUT V3

VISIO, VERTERE, VIRTUTE ... THE VISION TO TRANSFORM WITH EXCELLENCE



Launched in 1983, V3 Companies strongly adheres to our original vision to provide our clients with technical excellence and high-caliber project performance. Our name is indicative of that mindset, representing three Latin “V” words – “Visio,” “Vertere,” “Virtute” or “The Vision to Transform with Excellence.”

Our focus on client service is designed to facilitate communication, encourage long-term relationships and allow us to better deliver the projects you expect. The key is for us to provide seamless, coordinated execution on our end, marshalling and deploying the right talent through a single point of contact so you can always get the information you need, when you need it.

Being employee owned, we view our obligation to excel on your project from a very personal viewpoint. This ownership structure provides all of our team members with the opportunity to serve you — and your transportation and infrastructure, site development and environment, water and natural resource project needs — with the care and concern of an owner.

QUICK FACTS

- *Founded in 1983*
- *290 Employees Company-wide*
- *164 Employees at Local Office*
- *Corporation*
- *www.v3co.com*

SERVICES

- *Construction Engineering*
- *Highways & Traffic*
- *Railroads*
- *Structural*
- *Water Resources*
- *Wetlands & Ecology*
- *Geosciences*
- *Environmental*
- *Land Development*
- *Municipal Consulting*
- *Landscape Architecture*
- *Green Infrastructure*
- *Planning*
- *Surveying*
- *Contracting & Construction Management*

PROJECT OFFICE

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SECTION 2

UNDERSTANDING & APPROACH



Project Understanding



Spring Creek looking north at proposed bridge location.



Proposed parking lot location at Doctor Marsh.

The proposed project consists of the complete design, permitting and construction of this project consisting of a pedestrian bridge over Spring Creek, trail sections, parking lot and potential pergola/gazebo.

The general description of the Doctor Marsh Parking Lot and Nature Trail project (PROJECT) includes:

- 10 space ADA compliant parking lot with adjacent flat-turf area graded so that a future parking lot expansion can be easily added.
- Approximately 800-foot trail system (gravel with alternate for asphalt).
- Pedestrian bridge crossing Spring Creek.
- Look out area west of Spring Creek.
- Access road to parking lot from 155th Street.
- Mitigation and/or enhancement of existing wetland and buffer.
- All applicable government agency permitting for the PROJECT.
- ALTERNATE – trail identification signage.
- ALTERNATE – seating amenities and viewing device.
- ALTERNATE – pavilion or gazebo.

V3 has performed various desktop reviews of the regulatory constraints for the proposed improvements and we understand that special management areas include: floodplain/floodway of Spring Creek, wetlands within the preserve, buffer along the hazard areas and stormwater/best management practices (BMPs) associated with the site improvements. V3 will do a permit strategy assessment and determine project planning approach to accomplish the goals of the project within these regulatory constraints and guidelines.

The scope of services detailed below in each Task will be provided by V3 to identify preferred final site improvements and bridge installation, assist the Village in obtaining regulatory approvals for future implementation, develop final construction drawings, and execute the construction of all improvements.

SITE EXHIBIT



LEGEND

- Project Limits
- Bit. or PCC Apron (57 SY)
- Parking Area (1,382 SY)
- Concrete Wheel Stops (10 Each)
- Trail & Boardwalk (770 LF)
- Look-out Area (2,997 SF)
- Bridge (100 LF)
- Selective Clearing & Native Enhancement (17,050 SY)
- Silt Fence (2,126 LF)





UNDERSTANDING & APPROACH

Project Approach

TASK 1 | PROJECT MANAGEMENT/MEETINGS

V3 will coordinate with team members, Village staff and officials, regulatory agencies, local community and other stakeholders as needed during the design process to establish project goals, tasks, schedules and critical deadlines. As the project progresses, V3 will provide status updates to CLIENT, including design, permitting and budget statuses. During the design and permitting phase, V3 will also manage all documentation related to the design and permitting process.

It is anticipated that V3 will meet with CLIENT at a few points during the design process. These meetings may be conference calls or include team member participation via web-based meeting applications. It is assumed that there will be some type of meeting/conference call at the following key project milestones/discussion points:

1. Kickoff meeting to discuss project goals, schedule and potential areas of concerns based on CLIENT funding of the project. This meeting will likely also identify potential additional data needs.
2. Meeting following submittal of preliminary plans.
3. One public meeting to present the project and receive community comments.
4. Meeting following permit authorization.
5. Pre-construction meeting with CLIENT. V3 does not anticipate public outreach as part of this project.

TASK 2 | TOPOGRAPHIC SURVEY

The property to be surveyed is located north of 155th Street and west of 113th Avenue (approximately 3.9 acres) encompassing the area of the proposed improvements.

PRODUCT

- Survey will be a CAD-generated topographic survey oriented with north to the top or right.
- Survey will show general notes, a north arrow, graphic scale, vicinity map, brief legal and legend of all potential symbols.
- Scale of survey will be as necessary to show all topographic information in a clear and legible manner or as requested by the CLIENT prior to commencement of survey work.
- Upon completion of the topographic survey, V3 will deliver a pdf and an Autodesk Civil3d/AutoCAD compatible dwg file to the CLIENT.

DESCRIPTION OF SERVICES

- Record a minimum of two (2) permanent benchmarks at the site. Elevations shall be referenced to a datum commonly acceptable to the reviewing government agency. Description of the source benchmark to which the new benchmarks are tied shall be indicated on the survey.



Proposed entrance looking north from 113th Avenue.



Proposed outlook location with potential composite pergola/gazebo.



Proposed driveway entrance/exit off 155th Street.



UNDERSTANDING & APPROACH

- A contour survey with 1-foot-by-0-inch contour intervals will be prepared from field spot elevations. Spot elevations obtained in the field will be of sufficient quantity to generate a contour survey, which properly represents the ground surface. Additional elevations will be indicated on the survey as required to establish accurate profiles (including all changes or breaks in grade) and cross-sections of walks, curbs, gutter, pavement edges and centerlines.
- Finished floor or top of foundation elevation(s) of existing buildings within the survey area.
- Spot elevations will be shown to the nearest 0.01 foot on all “hard surfaces” and utility structures. Spot elevations in unpaved areas such as grass and dirt shall be accurate to the nearest 0.1 foot.
- Pavement types such as concrete, asphaltic concrete, gravel, etc. shall be depicted.
- Existing improvements, buildings and surface features shall be located.
- Individual trees of 4-inch diameter or greater (callipered 4-foot +/- above the ground) will be tagged and located within one foot tolerance. A table of the trees will be prepared and coordinated with species and condition information provided by V3’s arborist.
- Mean elevations of water in retention ponds, lakes or streams will be shown as depicted at the time the survey field work was conducted.
- Top of curb, flow line and edge of pavement elevations of all roadways and streets within the survey area.
- Roadway striping of all roadways and streets within the survey area.
- Wetland flags, if present, shall be located. CLIENT shall provide V3 a sketch showing the approximate shape, location and point range of each wetland before any field work is started. If V3 is delayed or if an additional trip is necessary to locate the wetland flags after the field survey work has been completed, it will be considered an additional service.
- The topographic survey will incorporate information on existing utility systems adjoining or contained within the survey area which are obtained from Village departments or utility companies responding to written or verbal requests for utility records through the Joint Utility Locating Information for Excavators (J.U.L.I.E.) Design Stage/Planning Information Process and available for V3’s use at the time of the survey. Records or Atlas information that is provided to V3 after completion of the survey can be provided to the CLIENT or engineer. Field markings by J.U.L.I.E. members, which are coordinated by others, shall be shown on the survey if present and practical at the time of survey. The following list contains typical information provided for the specific utilities located which are above ground and visible at the time of the survey. Snow cover, earth or construction debris covering typically above ground structures may not be located.
 - Sanitary and Storm Sewers: Size, type and direction of pipes; rim and invert elevations. Location of manholes, inlets, catch basins and end sections.
 - Watermains: Size, type and direction of pipes, top of pipe elevations, location of valves and hydrants.
 - Gas Mains: Location of valves and mains if marked in the field at the time of the survey.
 - Telephone, electric and cable TV pedestals and transformers.
 - Traffic and street light poles and cables if marked in the field at the time of the survey.
 - Visible evidence of field tiles or those marked in the field at the time of the survey.
 - Other utilities not listed above and occurring within the Survey Area will be shown in a similar manner.Utilities and improvements shall be shown based on visible field verified structures, in coordination with atlas information provided by utility companies through J.U.L.I.E.’s design stage process, if available. V3 shall only show underground utility lines between structures that are located in the field and appear to be connected. In areas where structures are not shown connected, V3 recommends that the CLIENT contract a specialist to perform a die test or other sub terrain exploratory test.



TASK 3 | SITE CIVIL CONSTRUCTION DOCUMENTS

SITE CIVIL DOCUMENTS

V3 will complete the following tasks in this scope of work:

- Provide professional engineering consultation and advice for approximately 800 feet of aggregate trail and the parking lot and access drive. The improvements for the parking lot will include site grading and flat graded turf area as shown.
- Provide new bridge approach grading and tie in, as required to match into trail system and new bridge structure.
- Provide new access at 155th Street for parking lot driveway.
- Value Engineering of all project components to consider installation and life-cycle costs in order to select the most appropriate materials and method of installation.
- V3 will prepare construction documents (including preliminary and final engineering) to include the following:
 - Site Layout Plan showing, dimensions and general geometry of the parking lot area and path layout as well as sections and details. The aggregate path layout will be based on layouts provided by the CLIENT and the sections and details for the paths will be provided by the CLIENT and included in the engineering plans.
 - Site Grading plan showing finished grade elevations for the path and overlook area.
 - Erosion Control Plan.
 - Site Utility Plan to include storm sewer to drain the proposed improvements as needed. It is anticipated that no sanitary sewer or water main will be included in this design.
 - Details, Technical Specifications and General Notes required to provide appropriate information to construct the proposed site improvements.
- Coordinate plans and submittals with the CLIENT
- Assist the CLIENT in obtaining site-related permits from the Village as well as the IEPA for stormwater pollution prevention – NPDES.
- V3 will respond to up to two sets of review comments from the Village or review agencies as part of the base services of this phase.

TASK 4 | TREE IDENTIFICATION

TREE IDENTIFICATION & ASSESSMENT

- V3's International Society of Arboriculture (ISA) certified arborist will identify all trees 4 inches in diameter at breast height (DBH) and greater within the project area.
- The trees will be tagged as part of V3's topographic survey scope of services.
- The tag number, diameter and tree species will be recorded for each tree identified.
- A rating will be assigned to each tree which will consider the size, species, condition, location and aesthetics of each.
- Summary table will be prepared listing the scientific name, common name, DBH and rating of each tree identified.

The information provided by V3 regarding tree quality is based on an interpretation of observed tree growth habit and health at the time of the field investigation. V3 provides the best information available at the time of the field investigation, but outside factors may affect tree characteristics with time, including weather, vegetation maintenance, altered drainage, disease or other events.



TASK 5 | WETLAND

The site was previously delineated by Christopher B. Burke Engineering, Ltd. (Burke) on behalf of the Village. During the quality assurance timeframe of the proposal, the Village indicated that they do not have a full technical wetland delineation report from Burke nor do they have a USACE jurisdictional determination letter based on Burke's wetland data. Wetland data is only valid for a period of five years under the regulations of the USACE. Since it is unknown how old the Burke delineation data is, a full technical wetland delineation is required by:

- USACE Chicago District
- Metropolitan Water Reclamation District (MWRD)
- The Village of Orland Park.

The MWRD Watershed Management Ordinance (WMO) also requires a USACE jurisdictional determination letter for any wetland/waters that are within the project area and within 100 feet in all directions of the project area.

Spring Creek, a "Waters of the U.S.", is mapped on the National Wetland Inventory (NWI) map. Burke also delineated wetland areas associated and adjacent to Spring Creek. These areas are all under the jurisdiction of the USACE Chicago District. The Village of Orland Park is an authorized municipality under the Cook County WMO as administered by MWRD. Wetlands determined to be isolated by the USACE through the jurisdictional determination process are regulated by the Village of Orland Park and MWRD. The USACE regulations and the MWRD WMO require a 50-foot buffer associated with USACE jurisdictional wetlands. In addition, the WMO requires a 50-foot riparian zone (buffer) for Waters of the U.S.

Based on the proposed plans for the project provided by the Village of Orland Park, V3 assumes that wetland impacts will be avoided. Based on this assumption, if no wetland impacts are proposed, a permit from the USACE is not required. A stormwater permit from MWRD will be required and buffer and riparian impacts will need to be addressed in accordance with Schedule W of the WMO. Riparian and buffer impacts will require mitigation in the form of native plantings to replace the function of the proposed buffer and riparian impacts.

Threatened and endangered species consultation with the Illinois Department of Natural Resources (IDNR) and documentation of the U.S. Fish & Wildlife Services (USFWS) Section 7 will be required as part of the WMO. V3 assumes this consultation was not already conducted or has since expired. V3 will initiate consultation with the IDNR for State threatened and endangered species and will prepare the documentation required for the USFWS Section 7 for Federal threatened and endangered species.

The following services will be performed to provide you with information on the location, quality and extent of wetlands/Waters of the U.S. present within the project corridor.

WETLAND DELINEATION

V3's Wetland Specialist and soil scientist will conduct a field investigation to locate and delineate wetlands in accordance with the Regional Supplement to the Corps of Engineers Wetlands Delineation Manual: Midwest Region. The limits of delineated wetlands/Waters of the U.S. will be staked in the field, and approximate boundaries will be mapped on a recent large-scale aerial photograph, based on our field assessment of the vegetation, soils and hydrology at the site. The limits of any on-site wetland/Waters of the U.S. will be located using a handheld GPS unit during the field investigation portion of the wetland delineation.



UNDERSTANDING & APPROACH

Professional survey of any wetland/Waters flags will be required for any future permitting that may be required. Scope and fee to conduct the professional survey location of the wetland/Waters of the U.S. flags is included in the survey scope of services portion of this proposal.

- **Wetland Assessment:** Since wetlands/Waters of the U.S. are present within the project limits, wetland assessment is required by the USACE Chicago District and MWRD/Village of Orland Park. Wetland assessment involves an evaluation of wetland characteristics, including wildlife habitat quality, water quality functions and plant community quality. Wetland Assessment also includes a preliminary jurisdictional determination for isolated or adjacent wetland. Delineated wetlands will be rated as high-quality aquatic resources in accordance with the USACE, if applicable.
- **Wetland Delineation Technical Report:** A wetland report will be provided with the results of our field investigation, including the location and approximate size of wetlands/Waters of the U.S. present, a wetland quality evaluation, a floristic quality assessment and the wetland assessment. Floristic inventories and detailed soil classification data for each area investigated will be provided in the report. Areas determined to be wetland/Waters of the U.S. within the project limits will be shown on a recent, large-scale aerial photo exhibit. USACE and MWRD wetland permitting and/or mitigation requirements will be addressed in the report. The wetland report also will contain detailed technical documentation suitable for review and approval by the USACE, MWRD and the Village of Orland Park.

THREATENED & ENDANGERED SPECIES CONSULTATION

As required by the USACE and the MWRD WMO, V3 will conduct and complete the USFWS Section 7 Federal threatened and endangered species consultation checklist for the site. V3 will also prepare and submit the required IDNR EcoCAT for inquiry on State threatened and endangered species.

USACE JURISDICTIONAL DETERMINATION SUBMITTAL

As required by the Village of Orland Park and MWRD, V3 will prepare and submit the required documentation to the USACE Chicago District in order to obtain a jurisdictional determination for any wetland areas or Waters of the U.S. identified within the project limits as well as those areas that are within 100 feet of the project limits.

MWRD WETLAND, BUFFER & RIPARIAN SECTIONS & SCHEDULES SUBMITTAL

V3 will prepare the wetland and riparian sections of the MWRD WMO stormwater permit application. These two sections, and the associated Schedules, will be incorporated into the overall MWRD stormwater permit application submittal. This task also includes a detailed assessment of the existing buffer and riparian zones at the site. MWRD requires this inventory so that proposed impacts and mitigation can be evaluated during the permitting review process. Fee's payable to MWRD are required for this task and are not included in V3's proposal. These fees are the responsibility of the CLIENT.

NATIVE PLANTING DESIGN FOR BUFFER & RIPARIAN MITIGATION & BMPS

As required by the USACE Chicago District and MWRD, V3 will design the native plantings for the proposed on-site on-site BMPs, buffer mitigation and riparian mitigation. This design will include proposed native plantings, native seed mixes, and planting specifications. This will be required by the USACE Chicago District and MWRD.

NATIVE PLANTINGS 3-YEAR MONITORING & MANAGEMENT PLAN

As required by the USACE Chicago District and MWRD, V3 will prepare and submit the proposed three year monitoring and management plan for the proposed native plantings on the site. This proposed monitoring and management plan will include seed and plant lists, recommended specifications and management activities to be performed over a three year period.



RESPONSE TO REGULATORY AGENCY REVIEW COMMENTS (WETLANDS/WATERS)

Comments received from MWRD pertaining to wetlands, Waters of the U.S. and/or associated buffers/riparian areas, will be addressed. V3 will provide any applicable comment responses generated from comments received from Cook County/MWRD and will provide and submit the responses to Cook County/MWRD and the USACE. Because the scope of the response needed cannot be determined in advance, this service is provided on an hourly fee, not to exceed, basis. The CLIENT should expect a minimum of two Cook County/MWRD review comment letters for this project.

PROJECT MEETINGS & COORDINATION.

V3 will attend up to three (3) meetings with the CLIENT and MWRD and any project related meetings required by a requesting agency or the CLIENT. This task includes project meetings and minimal project coordination not requiring a separate agreement. This task may include some work outside the scope of this proposal. The extent of the additional work may be dictated by a regulatory agency review or by requests for additional information from the CLIENT, project engineer, and/or project contractors. Since the scope of the response needed cannot be determined in advance, this service is provided on an hourly-fee basis. If the additional service requested appears to be substantial, it may be provided as the subject of a separate agreement. Work completed under this task is not included in other fees and is billed on an hourly basis.

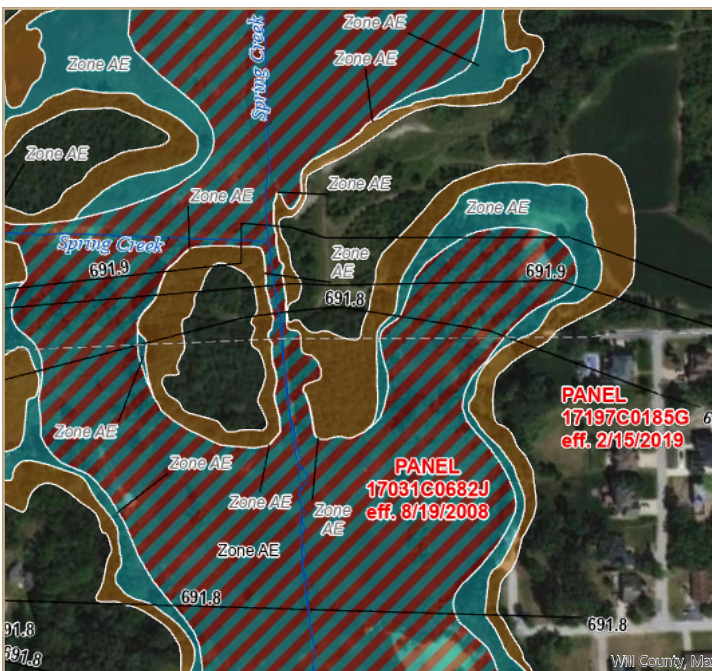
Upon notice to proceed from the CLIENT, the wetland delineation field work will be scheduled seven days from the notification (weather permitting) before end of year in 2021.

Deliverables: Wetland delineation report.

SCOPE CLARIFICATION NOTES:

If required by the regulatory agency, a floristic quality field assessment may be required within the 2022 growing season. These services will be provided under a separate agreement.

TASK 6 | STORMWATER & FLOODPLAIN



Spring Creek, a Waters of the U.S., is mapped as a flood hazard area on the FEMA Flood Insurance Rate Map for this area. The project will impact Zone AE flood hazard area with Base Flood Elevations of 691.9 to 691.8 through the project area. Based on this information V3 will be required to develop hydraulic modeling for the pedestrian bridge over Spring Creek as well as provide compensatory storage volume for any fill required within the floodway/floodplain.

The Village of Orland Park is an authorized municipality under the Cook County WMO as administered by MWRD. Floodplain impacts and stormwater management will be reviewed by the Village in accordance with the regulations of the WMO. The floodway associated with Spring Creek is under the jurisdiction of the IDNR OWR and floodway impacts will require a state floodway authorization.



The following services will be performed to provide design and permitting information on the location, extent of floodway/floodplain within the project area.

NPDES NOI & WILL/SOUTH COOK SWCD

If the proposed improvements result in more than one-acre of disturbed area (this would be impacted by the trail width), V3 will assist the CLIENT in obtaining site grading related permits from the municipality/county and from the IEPA for stormwater pollution prevention – NPDES. Prepare and submit the erosion control plans and stormwater pollution prevention plan (SWPPP) and permit documents to Will/South Cook SWCD for erosion control permit. Permit fees are the responsibility of the Owner. NPDES services do not include monitoring or reporting services during the course of construction. It is understood that the selected contractor, or construction inspection firm, will provide SWPPP inspection and documentation on behalf of the CLIENT.

VILLAGE OF ORLAND PARK STORMWATER/FLOODPLAIN & IDNR-OWR FLOODWAY PERMITTING

The proposed improvements will require a stormwater management permit from Village of Orland Park under the WMO and depending on the trail width and material selection of the trail, detention may be required and stormwater mitigation/BMP will be required (although there are other options for meeting the requirement rather than physical improvements). V3 will provide the necessary plans, calculations, exhibits, etc. to be included in the permit submittal. Additionally, much of the project area will be located in the regulatory floodway/floodplain, which means the proposed improvements will also need to comply with the requirements for development in a floodplain.

Similarly, the proposed pedestrian bridge is located in and crossing the regulatory floodway, which will require a floodway construction permit from IDNR-OWR. V3 will request the current regulatory floodplain/floodway model for Spring Creek from FEMA and review the model to analyze the hydraulic parameters, cross section elevations and channel lengths that are applicable to the proposed project (this will also confirm whether or not the existing adjacent culvert is in the current regulatory model). Any inconsistencies that are clear and applicable will be revised. Existing conditions cross sections based on existing topographic information for the subject property will be inserted into the regulatory model to create a modified existing conditions hydraulic model. This modified existing conditions model will be used to obtain site-specific floodway limits and floodplain elevations used to evaluate the regulatory impacts associated with the proposed improvements. The intent would be to document that the proposed bridge is not a source of flood damage and that it would comply with IDNR-OWR 3708 “Rules”.

V3 will prepare and submit engineering plans, existing and proposed conditions hydraulic modeling (reflecting the final design) and other permit related items (current FIS information, exhibits, restoration, erosion control, floodway data tables, etc.) required to demonstrate compliance with the IDNR-OWR Floodway Construction Permit requirements.

Deliverables:

- Hydraulic Models for Spring Creek (existing and with-project).
- NPDES Permitting.
- Will/South Cook SWCD Permitting.
- Village of Orland Park Permitting.
- IDNR-OWR Floodway Construction Permitting.



TASK 7 | BRIDGE STRUCTURAL & PAVILION FOUNDATIONS

The following structural design services will be performed regarding the various scope elements associated with the proposed pedestrian bridge and pavilion foundations at Doctor Marsh nature area.

DESIGN OF PEDESTRIAN BRIDGE AT SPRING CREEK

V3 will design and detail the abutments for the proposed pedestrian bridge. The bridge included in our base cost is a timber bridge and achieves the lowest cost for installation and meeting the project intent. However, the cost of long term maintenance should be considered and we have included an alternate prefabricated metal bridge for evaluation by the Village. Another consideration will be the loading capacity of the bridge and the potential to support lightly loaded vehicles.

The anticipated substructure of the bridge will consist of concrete abutments supported on spread footings or piles depending on the underlying soils.

DESIGN OF PAVILION FOUNDATIONS

V3 will design and detail the concrete foundations for the proposed pavilion (the pavilion will be designed by others).

GEOTECHNICAL ENGINEERING

V3 will subcontract a geotechnical engineering service firm to do a boring on each side of the creek along the path and prepare a report that will recommend what type of foundation should be used for the substructure.

TASK 8 | CONSTRUCTION & RESTORATION

All improvements and features identified in the final design documents will be constructed by V3's Construction Group under this single design/build contract. The pricing structure presented within this proposal includes a base contract amount that reflects the costs of absolute needs to achieve success on this project and meet the defined objectives. However, we have identified several alternate scenarios that may be beneficial to incorporate into the project if budget allows, or some items may become necessary pending the outcome of the design, Village requirements and permitting analysis.

CONSTRUCTION & INSTALLATION

As identified in the pricing exhibit, the base contract cost includes completing the construction and installation of the following components as outlined in the Village RFP:

- Access road from 155th Street.
- 10-Car Parking Lot.
- Aggregate nature trail.
- Pedestrian bridge over Spring Creek.

Alternate pricing has been included to address the following items:

- Asphalt parking lot in lieu of stone.
- Alternate pedestrian bridge design (steel truss style).
- Alternate composite decking materials for base bid bridge.
- Contingency planning for bridge abutments.
- Optional bird watching station (pergola or gazebo).
- Optional signage.
- Additional construction contingencies based on soils analysis and other unknown design parameters.



RESTORATION

The ecological restoration of Doctor Marsh will include restoring any disturbed areas during construction. This includes native seeding commensurate with the surrounding area and ecological management of those areas through establishment. Final permitting will determine the extent of any wetland and/or buffer mitigation necessary as well as the amount of tree replacement required. Alternate pricing has been included to identify the potential for long-term maintenance of the marsh/native vegetation as well as tree and shrub installation pending permit requirements.

EXTENT OF AGREEMENT

This agreement is for site-related improvements within the boundaries of the project site. Should additional services or improvements be required beyond the boundaries of the site, the services associated with those improvements will be the subject of a separate agreement. Furthermore, this agreement does not include services for:

- Public meetings or meeting facilitation in excess of what is described in the scope of services.
- Planning or landscape architecture services associated with preserve area.
- Archaeological consulting services.
- FEMA permitting or map revisions.
- IEPA Section 401 water quality permitting
- USACE permitting associated with wetland impact.
- Water quality modeling.
- Irrigation, electrical, telecommunications, gas, potable water or sanitary utilities of any kind.
- Identification, estimating or budgeting for environmental cleanup costs.
- Off-site or on-site roadway design services.
- Boundary survey, Plats of Survey, plats of easement or plats of subdivision.
- V3 may be required to produce documents and emails as part of a court ordered subpoena. Requests of this nature are beyond the control of V3 and are specifically not included in this contract. V3 will notify the CLIENT of any request received on behalf of this contract and will invoice the CLIENT for time and materials in accordance with the Additional Services and Reimbursables sections of this contract.

Please note that V3 can provide many of the services outlined above should they be required.



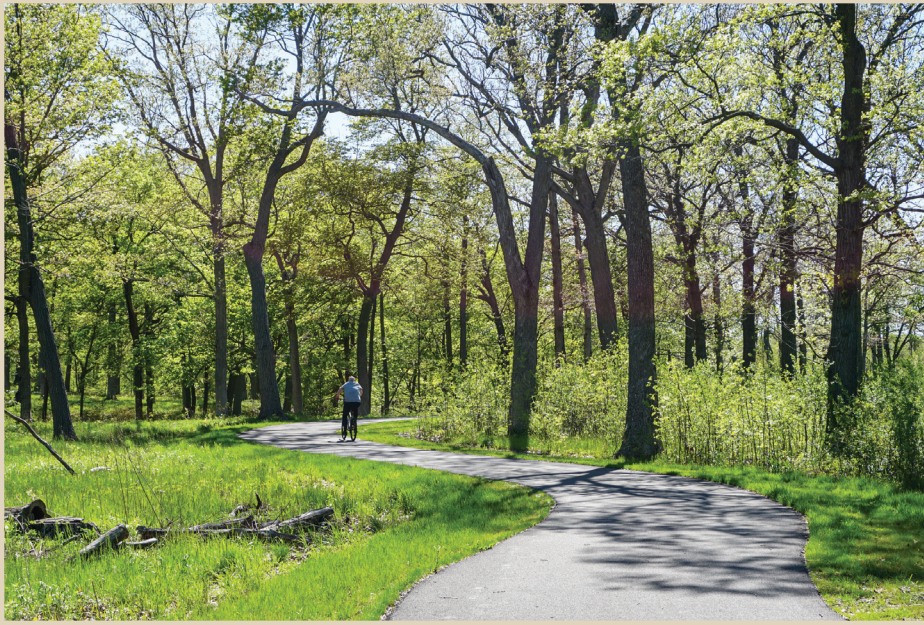
SECTION 3

EXPERIENCE



FORT SHERIDAN PUBLIC ACCESS IMPROVEMENTS

FORT SHERIDAN, ILLINOIS



CLIENT

Lake County Forest Preserves &
USACE

SERVICES

- The Fort Sheridan Forest Preserve is located in an ideal location along the Lake Michigan shoreline however public access was limited. The Lake County Forest Preserve's purpose for this project was to construct improvements that would provide more amenities to help people enjoy visiting this beautiful preserve.
 - Scope of work included:
 - Expansion of the onsite detention pond
 - 9,063 liner feet of 10-foot-wide grass trail
 - 3,190 liner feet of 10-foot-wide asphalt trail
 - 50-stall parking lot and entrance drive
 - 11,876-square-foot concrete pavement
 - 3,223-square-foot exposed aggregate pavement
 - 2,044 liner feet of curb and gutter
 - 1,321 liner feet of eight-inch concrete border
 - Four timber boardwalks
 - Two trail head locations with evaporator toilets, benches and bike racks
 - Four trail overlook locations
 - 19 acres of seeding of which 13 acres were hydromulch and six acres were erosion control blanket
- *Aggregate Placement*
 - *Chemical & Mechanical Weed Control*
 - *Construction Layout*
 - *Construction Management*
 - *Drainage Structure Installation*
 - *Earthwork*
 - *Erosion Control Installations*
 - *Native Seeding*
 - *Tree Clearing*



GRASSY LAKE TRAIL & PARKING LOT

BARRINGTON, ILLINOIS



CLIENT

Lake County Forest Preserves



SERVICES

- V3 provided construction management and contracting services for approximately 1.25 miles of 10-foot-wide aggregate trail and a 24-car asphalt parking lot with a concrete walk.
- Our team performed site grading of 84,650 yards of parking lot, open trail and sensitive wooded areas.
- Construction included the installation of three boardwalks totaling 225 linear feet, boulder retaining walls and fencing.
- Approximately 317 linear feet of 12-inch PVC storm sewer, 152 linear feet of 15-inch RCP storm sewer and 130 linear feet of four-inch pipe underdrains were constructed as well as 15 culvert crossings, nine catch basins and three inlets.
- Three overlooks were also constructed which included seating areas, grading drainage and wall structures.
- V3 also provided vegetation removal, herbicide treatments, erosion control and hydro mulching.

- *Aggregate Placement*
- *Construction Layout*
- *Earthwork*
- *Site Grading*
- *Site Layout*
- *Tree Clearing*



MILLENNIUM TRAIL CONSTRUCTION

ROUND LAKE, ILLINOIS



CLIENT

Lake County Forest Preserve

SERVICES

- This project included construction of approximately 2.5 miles of asphalt and aggregate trail along with installation of a 210-foot-long, 13-foot-wide timber bridge and a 50-foot-long, 13-foot-wide timber boardwalk.
 - The project scope involved the relocation of disc golf holes including concrete tee boxes and hole locations.
 - V3 services included general contracting, construction layout, excavation and grading, drainage culvert installations and native seeding and planting.
- *General Contracting*
 - *Excavation & Grading*
 - *Drainage Culvert Installations*
 - *Native Seeding & Planting*
 - *Construction Layout*
 - *Timber Bridge & Boardwalk Installation*
 - *Asphalt & Aggregate Trail Construction*



ORLAND GRASSLAND SOUTH ADDITION MITIGATION SITE & PEDESTRIAN BRIDGE

ORLAND PARK, ILLINOIS



CLIENT

Illinois Tollway

SERVICES

- The Orland Grassland south addition mitigation site was selected by the Illinois Tollway to offset wetland impacts associated with the Jane Addams Tollway (I-90) expansion. This lane widening and traffic modernization project caused impacts to 13 acres of regulatory wetlands, one acre of Waters of the U.S. and seven acres of non-federal wetlands under the jurisdiction of the IDNR.
 - This project included wetland restoration planning, design and permitting of 160 acres of preserve area within the ownership of the Forest Preserve District of Cook County and adjacent to the Orland Grassland Preserve.
 - The project included the design of a single-span, 58-foot-long by 12-foot-wide pedestrian bridge over a creek located on the site. The superstructure is a prefabricated steel truss and the abutments are concrete grade beams supported on metal shell piles. IDOT's Guide Bridge Special Provision for Pedestrian Truss Superstructure was used for the design of the prefabricated steel truss. Stone riprap was used adjacent to the abutments to prevent erosion.
 - Design for the site incorporated more than 12,300 feet of trail that created a circuit through the site and provided connections to the parking lot, 104th Street, 179th Street and scenic overlooks.
 - One of the more interesting features on the site was the creation of a snake hibernaculum. The hibernaculum was created from the foundation of the existing farm house based on the design provided by V3.
- *Structural Design*
 - *Hydrologic & Hydraulic Analysis*
 - *Floodplain Modeling & Design*
 - *Geomorphology & Stream Meandering Design*
 - *Wetland Delineation & Assessment*
 - *Wetland Mitigation Design & Permitting Assistance*
 - *Stormwater Design & Permitting Assistance*
 - *Natural Area Planting Design & Specification*
 - *USACE Wetland Permitting Assistance*
 - *Soil Classification & Mapping*



RATHJE PARK IMPROVEMENTS

WHEATON, ILLINOIS



CLIENT

Wheaton Park District



SERVICES

- The Rathje Park improvements involved two major areas of general work; dredging and shoreline stabilization of the two existing ponds and construction of a new permeable paver parking lot along with various amenities to serve the residents and the existing preschool. Improvements included the following:
 - Removal of existing gabion baskets and concrete slabs for repair and regrading of the pond shoreline
 - Dredging of two existing ponds and installation of plunge pools and shoreline features
 - 1,300 square feet of stone outcropping
 - 350 linear feet of rock toe
 - Demolition of pedestrian bridge, boardwalk and existing asphalt parking lot
 - 7,960 square feet of new permeable paver parking lot limiting stormwater runoff and improving overall water quality
 - 600 linear feet of new curb and gutter
 - 1,015 square feet of sidewalk
 - Rain barrel and sidewalk runnel draining to a rain garden
 - Two acres of native seeding
 - 3,000 native plant plugs along the shoreline
- Long-term native area maintenance.

- *Tree Clearing*
- *Earthwork*
- *Native Shoreline Stabilization*
- *Stone Shoreline Stabilization*
- *Erosion Control Installations*
- *Native Plant Installation*
- *Native Seeding*
- *Construction Layout Services*
- *Chemical & Mechanical Weed Control*



SPRING BROOK CREEK NO. 1 RESTORATION

WARRENVILLE, ILLINOIS



CLIENT

Forest Preserve District of DuPage County

SERVICES

- V3's was retained under two separate contracts for the restoration of more than 1.5 miles of Spring Brook Creek running through both the Blackwell Forest Preserve and the St. James Farm Forest Preserve.
 - The purpose of the project was to improve the water quality and habitat along the creek as well as the overall visitor experience at both forest preserve properties.
 - The improvements successfully reduced flooding along the service roads and the West Branch DuPage River trail was moved out of the floodplain.
 - The restoration work included meandering the creek and adding features such as riffles, pools, glides, point bars, rock vanes, cobble and boulder placement, root wad and snag installations.
 - The portion of the creek running through Blackwell Forest Preserve was largely a channelized drainage ditch with a hydraulic structure in the center area acting as a dam creating a 16-surface-acre impoundment. This structure was removed to allow fish and mussels to move upstream and the previous impoundment was converted into meandered creek with overflow connectivity to the surrounding wetland.
 - The existing deteriorated trail bridge was removed and replaced with a new concrete and steel bridge structure along with a newly constructed service road.
 - Long-term management of the native vegetation establishment includes targeted invasive species weed control, supplemental seeding and planting, prescribed burns, and various other tasks as required to achieve the desired performance standards.
 - Other work included haul road construction, site clearing and tree removal, harvesting root wads, cofferdam installation, temporary bypass channel construction, new channel excavation, stream stabilization, earthwork, hydraulic structure removal, culvert removal, limestone trail removal and installation, asphalt pavement removal, asphalt paving, seeding, plug planting, tree and shrub planting, clearing and control of invasive species.
 - The project presented significant challenges regarding equipment access, management of active water flow, weather conditions that flooded out the work zone and poor soils that required deep excavation for removal and replacement with stable clay soil.
- *Construction Management*
 - *Earthwork*
 - *Native Plant Installation*
 - *Native Seeding*
 - *Native Shoreline Stabilization*
 - *Natural Area Planting Design, Specification, Construction & Monitoring*
 - *Prescribed Burning*
 - *Tree & Shrub Installation*
 - *Tree Clearing*



ST. JAMES FARM FOREST PRESERVE TRAIL IMPROVEMENTS

WARRENVILLE, ILLINOIS



CLIENT

Forest Preserve District of DuPage County

SERVICES

- The St. James Farm Forest Preserve is 612 acres and includes woodlands, prairie and wetlands.
 - This project is part of the master plan improvements that the DuPage County Forest Preserve District has developed for the property to make the site more accessible to the public.
 - The improvements included the construction of a 1.8-mile limestone loop trail, an emergency access road and a small parking lot for the district personnel.
 - Scope of work included:
 - Tree removal
 - Trail construction which included earthwork and topsoil placement
 - Aggregate base and surface placement
 - Drainage culverts and structures
 - Asphalt parking lot
 - Concrete curb
 - Sidewalk
 - The landscape restoration included approximately 30,000 square yards of turf seed and blanket, 4,850 square yards of mesic prairie native seed, 165 plugs and seven shrubs.
- *Construction Layout*
 - *Mass Grading*
 - *Excavation*
 - *Aggregate Placement*
 - *Erosion Control Installations*
 - *Construction Management & Supervision*
 - *Chemical Invasive Species Control*
 - *Native Seeding*
 - *Tree Clearing*
 - *Native Area Monitoring & Reporting*



TINLEY CREEK BRIDGE REPLACEMENT

CRESTWOOD, ILLINOIS



- V3 provided design/build services for the removal and replacement of a historic, covered bridge on the Elim Christian Services campus. A heavy rain event in May 2020 caused the eastern concrete bridge abutment of the existing pedestrian bridge to fail and the bridge was overcome with Tinley Creek flood waters.
- Our team performed emergency response by renting a crane to remove the hazardous bridge and abutments and dispose of the failed structure.
- An after the fact permit was obtained through USACE for the placement of the rip-rap within the ordinary high-water mark of Tinley Creek.
- V3 prepared renderings for a new, 10-foot-wide bridge that will replace the old structure and provide pedestrian access across the creek as well as allow for passage of a small salt truck. The renderings were prepared in two separate aesthetics. One aesthetic was in the same covered-bridge style as the original structure while the second aesthetic was a more up-to-date style with stone pillars and wood columns style to match the rest of the campus. The client used these renderings in their fund raising process.
- Hydraulic modeling of Tinley Creek was completed in HEC-RAS to ensure that the new bridge and abutments will be placed at the correct elevation as well as show that the proposed structure will have less impact on the creek than the former structure.
- V3 obtained permits from the Illinois DNR-Office of Water Resources for work in a floodway.
- Additional permits were obtained from the Soil and Water Conservation District, Metropolitan Water Reclamation District of Greater Chicago, USACE and the Village of Crestwood.
- V3 provided general contracting services for the installation the new bridge. Acting as Owners Representative on the project, our team bid the trades work, installed the new abutments, installed the new bridge, repaired and replaced adjacent walkways and roadways as well as completed landscaping.

CLIENT

Elim Christian Services

SERVICES

- *Construction "As-Built" Surveys*
- *Construction Layout*
- *Construction Management*
- *Cost Estimating*
- *Design/Build Services*
- *Erosion & Sediment Control Design, Inspection & Management*
- *Structural Design for Bridge*
- *Value Engineering*



ADDITIONAL SIMILAR PROJECT EXPERIENCE

Project	Design/Build	Multi-use Path	Parking Lot	Boardwalk	Overlook/Shelter Structure	Pedestrian Bridge	Native Restoration	IDNR Permitting	USACE Permitting	Wetland Mitigation	Management & Monitoring
Atrium Corporate Center											
Barbers Corners Water Management & Wetland Hydrology											
Blackberry Creek Headwaters Wetland Mitigation Bank											
Cantigny Campus Redevelopment											
Deerpath Golf Course Improvements											
Du-Comm Mitigation											
Fort Sheridan Public Access Improvements											
Grassy Lake Trail & Parking Lot											
Gray Willows Wetland Mitigation Bank											
Hadley Valley Preserve Wetland Mitigation											
Herrick Lake Forest Preserve											
Hidden Lake Forest Preserve Parking Lot & Trail Improvements											
I&M Canal Trail Culvert Restoration											
John Humphrey Sports Complex Renovation											
John Humphrey Sports Complex Concession Building Renovation											
Lacey Creek Streambank Stabilization											
Mallard Lake Forest Preservation Channel Restoration & Stabilization											
Messenger Woods Nature Preserve											
Millennium Trail Construction											
Navistar East-West Parking Expansion											
Off-Leash Dog Area Improvements at Oldfield Oaks Forest Preserve											
Orland Grassland South Addition Mitigation Site & Pedestrian Bridge											
Orland Park Native Landscape Assessment & Design											
Prince Pond Dredging & Park Improvements											
Rathje Park Improvements											
Romeoville Naturalized Basin Management & Ecological Consulting											
Spring Brook Creek No. 1 Restoration											
St. James Farm Forest Preserve Trail Improvements											
Tinley Creek Restoration & Pedestrian Bridge Replacement											
Whalon Lake Pedestrian Bridge											



LAKE COUNTY FOREST PRESERVE

Michael Haug

Landscape Architect- Project Manager
1899 West Winchester Road
Libertyville, Illinois 60048

Phone: 847.367.6640
Email: mhaug@lcfpd.org
Year of Project: 2020

FOREST PRESERVE DISTRICT OF DUPAGE COUNTY

Erik Neidy

Manager of Natural Resources
35580 Naperville Road
Wheaton, Illinois 60189

Phone: 630.726.6984
Email: eneidy@dupageforest.org
Year of Project: 2018

WHEATON PARK DISTRICT

Rob Sperl

Director of Planning
855 W. Prairie Avenue
Wheaton, Illinois 60187

Phone: 630.665.4710
Email: rsperl@wheatonparks.org
Year of Project: 2017



SECTION 4

QUALIFICATIONS OF PROJECT TEAM



ORGANIZATIONAL CHART

DOCTOR MARSH PARKING LOT & NATURE TRAIL



DESIGN/BUILD MANAGER
Mike Famiglietti, P.E.



DESIGN PROJECT MANAGER
Heidi Voirol, P.E., LEED AP
BD+C



CONSTRUCTION PROJECT MANAGER
Dianna Johnson

FLOODPLAIN PERMITTING
Dave Vogel, P.E., CFM, CPSWQ

WETLAND PERMITTING
Scott J. Brejcha, PWS

STRUCTURAL ENGINEER
Phil Maloney, P.E., S.E.

FIELD OPERATIONS MANAGER
Andy Graf

CONSTRUCTION FOREMAN
Scott Johnston

RESTORATION MANAGER
Brad Millis



MIKE FAMIGLIETTI, P.E. | DESIGN/BUILD MANAGER

29 Years of Experience

As the Director of Construction & Ecological Restoration at V3, Mike will utilize his extensive design/build experience to deliver the project in accordance with the project commitments. He will ensure adequate resources are made available to the project and in addition, will offer technical insight and reviews of the project procedures, logistics, bidding, constructability reviews, staging, budget and scheduling. Mike's experience in the construction industry includes expertise in the management and execution of ecological, site development, infrastructure and building projects.

Similar Projects: Tinley Creek Streambank Stabilization, Fort Sheridan Restoration, Millennium Trail Construction, Spring Brook Creek No. 1, Blackberry Creek Headwaters Wetland Mitigation Bank, St. Joseph West Parking Lot, St. Joseph Creek Restoration, Grassy Lake Forest Preserve Southwest Quad Wetland Mitigation & Restoration, Whalon Lake Pedestrian Bridge.



HEIDI VOIROL, P.E., LEED AP BD+C | DESIGN PROJECT MANAGER

22 Years of Experience

Heidi has civil engineering experience with the planning, design and implementation of site, roadway and trail improvement projects. Heidi has extensive experience with sidewalk improvements, ADA compliance including thousands of corners ADA improvements for City of Chicago DOT and IDOT District 1. She also has extensive experience with utility and roadway reconstruction projects. Heidi provides development review services for the Village of Villa Park and has led multiple projects with trail improvement plans for IDOT and the Illinois Tollway.

Similar Projects: Orland Grassland South Addition Mitigation Site & Pedestrian Bridge.



DIANNA JOHNSON | CONSTRUCTION PROJECT MANAGER

19 Years of Experience

Dianna has experience in the management of construction projects including working with municipalities and Forest Preserves on a variety of projects including multi-purpose trail construction, stream bank stabilization and park developments. She has recently completed similar projects including Spring Brook Creek No. 1, Hidden Lakes Forest Preserve for DuPage County, McDowell Grove Dam Modifications for DuPage County and the Fort Sheridan Forest Preserve for the Lake County Forest Preserves.

Similar Projects: St. James Farm Forest Preserve Trail Improvements, Rathje Park Improvements, Fort Sheridan Public Access Improvements, West Trail & Parking Lot Access, Spring Brook Creek No. 1, St. Joseph Creek Restoration, Messenger Woods Nature Preserve, Hadley Valley Central Restoration, Grassy Lake Forest Preserve Southwest Quad Wetland Mitigation & Restoration, Whalon Lake Pedestrian Bridge.





SCOTT J. BREJCHA, PWS | WETLAND PERMITTING

21 Years of Experience

Scott is the Manager of V3's Wetland Consulting Group where he manages and plans the activities of a staff of botanists, soil scientists, biologists and ecologists. His additional responsibilities range from marketing and coordinating wetland delineations to permitting, submitting and reviewing federal and county wetland permit applications. He also coordinates and corresponds with state and federal agencies regarding threatened and endangered species surveys. Scott has considerable experience in wetland permitting, watershed management plan preparation and coordination, due diligence consultation, the design/build process and business development within the Midwest.

Similar Projects: John Humphrey Sports Complex Renovation, Blackberry Creek Headwaters Wetland Mitigation Bank, Messenger Woods Nature Preserve, St. Joseph Creek Restoration, South Street Bridge Reconstruction, Lacey Creek Watershed Infrastructure Improvement Plan, Tinley Creek Bridge Replacement & Permitting, Hadley Valley Central Restoration, Gray Willows Wetland Mitigation Bank.



DAVE VOGEL, P.E., CFM, CPSWQ | FLOODPLAIN PERMITTING

17 Years of Experience

Dave has extensive experience in water resources engineering and drainage remediation, which makes him a valuable addition to any watershed improvement project. He has obtained project funding through FEMA grant applications and has also lead the public involvement process for multiple projects. Dave is trained in a variety of related software applications including ArcGIS, HEC-RAS, XPSWMM, HEC-HMS and HydraFlow.

Similar Projects: South Street Bridge Reconstruction, Tinley Creek Bridge Replacement & Permitting.



PHIL MALONEY, P.E., S.E. | STRUCTURAL ENGINEER

32 Years of Experience

Phil has experience in the structural design of pedestrian, highway, rail and transit-oriented structural design projects. Phil specializes in providing design excellence with a balance of strategic alignment, team engagement and quality assurance that meet client, governmental and financial requirements. As Structural Engineer, Phil will participate in technical reviews and value engineering. His demonstrated technical expertise will be applied to evaluating and assessing structure and building review.

Similar Projects: John Humphrey Sports Complex Renovation, South Street Bridge Reconstruction, Lacey Creek Watershed Infrastructure Improvement Plan, Orland Grassland South Addition Mitigation Site & Pedestrian Bridge.





ANDY GRAF | FIELD OPERATIONS MANAGER

25 Years of Experience

Andy has experience in the construction industry involving both onsite management and overall field operations. His project experience includes trail construction, mass grading, creek restoration, wetland mitigation and shoreline stabilization. As Field Operations Director he is responsible for the coordination of field personnel, equipment management and quality assurance. Andy also assists in the preparation and submittal of more than \$70 million in estimated construction bids annually.

Similar Projects: Fort Sheridan Public Access Improvements, Spring Brook Creek No. 1 at Blackwell Forest Preserve, Rathje Park Improvements, Lacey Creek Streambank Stabilization, Hadley Valley Central Restoration, Navistar East-West Parking Expansion.



SCOTT JOHNSTON | CONSTRUCTION FOREMAN

30 Years of Experience

Scott has a significant depth of knowledge in earthwork logistics and understands the critical interrelationship between heavy construction, best management practices and ecological restoration. His experience and technical aptitude has proven extremely valuable in determining applicable, efficient and creative solutions to unexpected conflicts. Scott has been responsible for the field construction and implementation of more than three miles of streambank stabilization and river restoration projects over the past five years. He will be responsible for directing the workforce and equipment for the full execution of the project and will ensure compliance with all plans, specifications and procedures.

Similar Projects: Fort Sheridan Public Access Improvements, Spring Brook Creek No. 1 at Blackwell Forest Preserve, Rathje Park Improvements, Navistar East-West Parking Expansion, Orland Grassland South Addition Mitigation Site & Pedestrian Bridge.



BRAD MILLIS | RESTORATION MANAGER

14 Years of Experience

Brad is responsible for all field coordination, scheduling and resource allocation. He has hands-on experience with restoration tasks and understands the resources needed to execute each task. He conducts and manages mobilization and installation of the mowing/seeding activities at more than 20 different sites each year within difficult spring, fall and winter seeding windows. Brad also provides direct support to senior ecology staff in assessing site conditions and assists with directing appropriate use of the equipment as site conditions dictate.

Similar Projects: Spring Brook Creek No. 1 at Blackwell Forest Preserve, Grassy Lake Forest Preserve Southwest Quad Wetland Mitigation & Restoration, Fort Sheridan Public Access Improvements, St. James Farm Forest Preserve Trail Improvements.



MIKE FAMIGLIETTI, P.E.

DESIGN/BUILD MANAGER



Mike leads V3's contracting operations which consists of heavy construction and ecological restoration focused on delivering site infrastructure improvements, river restoration, wetland mitigation, long-term native vegetation establishment and ecological restoration. Heavy construction operations include more than 40 pieces of earthwork equipment, owned by V3 and operated by Union Crews. Ecological restoration is comprised of Professional Ecologists, Biologists and Scientists who focus on wetland mitigation, native vegetation establishment and sustainable solutions by maximizing the benefits of native vegetation. Mike's expertise includes execution of projects through various delivery systems.

YEARS OF EXPERIENCE

V3: 24 | Total: 29

EDUCATION

Bachelor of Science, Civil Engineering,
Purdue University

CONTINUING EDUCATION

OSHA 40-Hour HAZWOPER

University of Wisconsin:

- *Successful Construction Management Techniques & Procedures*
- *Maintaining Asphalt Pavements*
- *Construction Management Materials Testing*
- *Geotechnical Engineering*

REGISTRATIONS

Professional Engineer: Illinois,
#062-054914, 2001

ASSOCIATIONS

American Concrete Institute
American Society of Civil Engineers

Tinley Creek Streambank Stabilization, Industria & Metropolitan Water Reclamation District of Greater Chicago – Crestwood, Illinois

| Project Director for this flood control and streambank stabilization project. Project included improving 2,600 linear feet of Tinley Creek utilizing three distinct stabilization styles: creating bankfull benches with native plantings, installation of pool and riffle structures and resloping and armoring creek banks with RR-5 Rip Rap or nine-foot-tall Gabion basket walls.

Fort Sheridan Restoration, Lake County Forest Preserves & USACE – Fort Sheridan, Illinois

| Project Director for this \$3.4-million remediation and restoration of 60 acres of land on the former Fort Sheridan Army Base. A diversion channel was constructed through the middle of the site to handle drainage and stabilization of the ravine on the north side of the property included placing fill and rip rap in the bottom and installing log structures in strategic locations on the slopes.

Mallard Lake Forest Preserve Site Development, Forest Preserve District of DuPage County – Hanover Park, Illinois

| Project Director for this \$2.1-million restoration project which included a new, one-mile entrance drive, expansion of the existing parking lots, seven new basins, aggregate trails and a 650 linear feet boardwalk. Included was 1,300 linear feet of shoreline stabilization which included a boulder rock shoal and restoration of the shoreline with wetland seed and plantings.

St. Joseph West Parking Lot, Roman Catholic Diocese of Joliet – Downers Grove, Illinois

| Project Manager for this design/build to improve the overall water quality of St. Joseph Creek, Barth Pond and the receiving waters of the East Branch DuPage River. Project included a cost estimate, wetland delineation, modeling, design and permitting to reconstruct 1,450 linear feet of the creek as well as stabilize 560 linear feet. Construction included excavation for the new creek alignment, stone toe, rock riffles, rock vanes, soil lifts and two new box culverts. Native restoration included five acres of seed and erosion control blanket, 8,000 plugs and 250 shrubs and trees as well as three years of maintenance and monitoring.



Barth Pond Shoreline & Pathway Improvements, Downers Grove Park District – Downers Grove, Illinois

Project Director for this project that included removal of the existing sheet pile along the shoreline and installation of 1,640 linear feet of lannon stone and 390 linear feet of coir blocks for shoreline stabilization. Also included was a new asphalt path, concrete path, concrete stairs, seeding restoration and new trees.

Clark Island Renovations, Batavia Park District – Batavia, Illinois

Project Director for this \$1.2-million shoreline stabilization. Project included two temporary crossings installed in the Fox River, fishing stations, pedestrian bridge demolition, two new pedestrian bridges, renovation of the shelter on Clark Island and a new asphalt bike path. Improvements were also made to the shoreline area of the park, which included a new BMX park, a new playground area, ball field lighting and restoration of an existing stone bridge.

Gray Willows Wetland Mitigation Bank, Campton Township – Campton Hills, Illinois

Project Director for the construction, implementation and maintenance of a wetland mitigation on this 200-acre property. Project included constructing more than 1,000 linear feet of streambank, conducting wetland scrapes to establish hydrology to support wetlands and the installation, maintenance and establishment of native vegetation to meet USACE standards. A total of 50 mitigation credits will be provided including wetland re-establishment, new wetlands and upland buffer including savanna restoration and prairie creation.

Blackberry Creek Headwaters Wetland Mitigation Bank, Campton Township – Kane County, Illinois

Project Director for construction, implementation and maintenance to establish wetland mitigation on this 220-acre property. Construction included mass grading, drain tile disablement and new drain tile installation to support hydrology required for wetland establishment. This project designed 90-acres of wetland restoration in a historically drained farm field and has provided significant benefit to the environment and surrounding community.

Prince Pond Dredging & Park Improvements, Downers Grove Park District – Downers Grove, Illinois

Project Director for dredging this one-acre pond to improve water quality, establish fish habitat and provide a benefit to this amenity for the community. Project included dewatering the pond, treatment of 3,000 cubic yards of sediment, loading and hauling sediment off site for disposal. Additional improvements were made to the shoreline and perimeter walking path for sustainable stabilization and safety.

Sloyan Building Demolition & Parking Lot Construction, City of Lockport – Lockport, Illinois

Project Manager for the demolition of an existing building slab as well as deep foundation for the construction of a new asphalt and concrete parking lot. Project also included underground storage tank abandonment, debris removal, watermain installation and final restoration to accommodate additional uses including a farmers market.

John Humphrey Sports Complex Concession Building Renovation, Village of Orland Park – Orland Park, Illinois

Project Manager for the design/build renovation to a 2,200-square-foot concession building. Improvements included full interior demolition and renovation to upgrade bathrooms as well as converting the concession service area from interior to exterior service. Additionally the asphalt shingle roof was replaced with a standing seam metal roof. Mike coordinated closely with the Architect and Village staff.

Golf Vista Estates Phase 7, Equity Lifestyle Properties, Inc. – Monee, Illinois

Project Director for the final phase of the 18-acre, \$4.2-million, manufactured home subdivision. As the construction manager, V3 self-performed the 80,000 cubic yards of mass grading and native vegetation establishment in the detention basins. Project included sanitary sewer, watermain, storm sewer, roadway construction, street lighting, irrigation and final landscape restoration.

St. Joseph Creek Restoration, Village of Downers Grove – Downers Grove, Illinois

Project Director for this design/build to improve the overall water quality of St. Joseph Creek, Barth Pond and the receiving waters of the East Branch DuPage River. Project included a cost estimate, wetland delineation, modeling, design and permitting to reconstruct 1,450 linear feet of the creek as well as stabilize 560 linear feet. Construction included excavation for the new creek alignment, stone toe, rock riffles, rock vanes, soil lifts and two new box culverts. Native restoration included five acres of seed and erosion control blanket, 8,000 plugs and 250 shrubs and trees as well as three years of maintenance and monitoring.



Heidi is a Senior Project Manager with experience in managing multi-discipline project teams on transportation infrastructure, municipal improvement and land development projects. Heidi is responsible for design and permitting strategies as well as the preparation of plans, specifications, estimates and project coordination. Project work includes infrastructure, roadway and trail designs, Phase I studies, commercial development and residential development.

YEARS OF EXPERIENCE

V3: 21 | Total: 21

EDUCATION

Bachelor of Science, Civil Engineering,
Marquette University

REGISTRATIONS

Professional Engineer: Illinois,
#062-057225, 2004

Leadership in Energy & Environmental
Design - Building Design &
Construction (LEED AP® BD+C), 2007

ASSOCIATIONS

American Council of Engineering
Companies

Women's Transportation Seminar

American Public Works Association

Orland Grassland South Addition Mitigation Site & Pedestrian Bridge, Illinois Tollway – Orland Park, Illinois

| Project Manager for the site civil engineering and contract document preparation for the wetland mitigation site developed to offset wetland impacts associated with the Jane Addams Tollway (I-90) expansion. Final improvements to the site included creation of more than 65 acres of wetlands, enhancement of existing wetlands and prairie buffer establishment and six acres of stream mitigation. The project also included a new pedestrian bridge, roadway widening, a new parking lot and more than 12,300 feet of trail.

River Front Trail, City of Kankakee – Kankakee, Illinois

| Project Manager for Phase I and II trail extension of 2,500 feet along the east side of the Kankakee River from an existing pedestrian bridge south to Station Street. Key project challenges include crossing under an existing Norfolk Southern Rail bridge, building a pedestrian bridge over Soldier Creek and crossing under the Court Street (IL Route 17) bridge. Project components included evaluating the existing and proposed hydrology and hydraulics of the Kankakee River and Soldier Creek, structural design and performing a topographic survey and preliminary environmental site assessment. The project is funded in part by an ITEP grant and is being processed through IDOT Local Roads, District 3.

Sidewalk Feasibility Study for Forest Hills, Village of Western Springs – Western Springs, Illinois

| Project Manager responsible for the preparation of a sidewalk feasibility study for the Forest Hills area which is approximately 250 acres with seven miles of internal roadway. Each lot with missing sidewalk was evaluated for possible conflicts with trees, landscaping, grading issues, driveways, accessibility concerns, drainage issues and utility conflicts. V3 developed engineer's estimates of probable construction costs needed to complete the sidewalk on each block and prepared the final report which included the estimates of costs and made recommendations for future improvements.

Pioneer Park Parking Lot Expansion, Elmhurst Park District – Elmhurst, Illinois

| Project Manager for concept layout, drainage, final engineering design and construction documents for improvements at Pioneer Park. Project included removal of the existing asphalt parking lot, replacement of the drive aisle, installation of permeable pavers at the existing parking stalls and the new parking area as well as an accessible bituminous path to extend the park trail. Design took into consideration preserving existing trees while maximizing the parking and laying out the new trail. Heidi provided design coordination with the Park District and also assisted during the bid process.



Van Vlissingen Prairie Industrial Ecological Reuse, Chicago Park District

– *Chicago, Illinois* | Project Manager for the site civil engineering design for the proposed restoration of a 138-acre former industrial property. Project objectives included restoration and enhancement of the natural areas in addition to the creation of six acres of wet prairie and the development of a public park and trail system. Heidi provided the grading and drainage design for the site, trail, parking lot and site access.

US Route 45 from Washington Street to IL Route 132, IDOT – Lake County, Illinois

| Project Manager for the Phase I study for this along US Route 45 from Washington Street to Illinois Route 132. Proposed improvements include widening the roadway and improvements to three intersections. V3 prepared a complete streets review that incorporated a multi-use path, three intersection design studies, traffic signal warrant evaluations, crash analysis and a Phase I report.

Metra Station Platform Area Improvements, Village of Cary –

Cary, Illinois | Project Manager for Phase I and II engineering services to improve existing pedestrian facilities and provide accessibility at the Metra Station. The final design consisted of a new ADA compliant ramp, retaining wall, resurfacing of the adjacent parking lot, relocation of existing lighting units, and platform reconstruction. The project team provided contract documents, assisted during the bid process and construction and coordinated with the Village of Cary, Metra and BNSF.

Downtown Oak Park Watermain & Sewer Improvements, Village of Oak Park – Oak Park, Illinois

| Project Manager for the downtown Oak Park water and sewermain improvement project. Improvements include sewer lining and trenchless spot repairs to the existing combined sewer, removal and replacement of sewer and the design of watermain and combined sewer to be augured and encased under a viaduct. Due to the urban location (next to the train station and commuter parking) an emphasis was placed on developing careful construction staging plans to minimize the impact to commuters, pedestrians, residents and businesses.

Berens Park Sled Hill Improvements, Elmhurst Park District – Elmhurst, Illinois

| Project manager for providing design and the construction documents for improvements to the Berens Park Sled Hill. Improvements included regrading of the existing hill, new walking paths and a fence with a handrail as well as alternative design concepts to address grading and access concerns.

ADA Transition Plan Inventory for District 1, IDOT – Cook, DuPage & Will Counties

| Project Manager for the public rights-of-way accessibility guidelines (PROWAG) evaluation project. V3 inspected thousands of state jurisdiction intersections, reviewing the sidewalks, curb ramps, cross walks and pedestrian traffic signal equipment for accessibility compliance with PROWAG.

Development Reviews, Village of Villa Park – Villa Park, Illinois

| Project Manager performing site civil municipal review of residential, commercial and industrial developments for compliance with the Village's development codes and the DuPage County Stormwater Ordinance. Heidi reviews engineering plans, plats of subdivision, plats of easement, plats of right-of-way dedication, IEPA permit applications, cost estimates and other supporting documentation.

Development Review & Inspection Services, Village of Woodridge – Woodridge, Illinois

| Project Manager responsible for the review of site civil, stormwater management systems, survey documents and permit applications on behalf of the Village. Heidi performs site civil reviews of residential, commercial and industrial developments for compliance with the Village, County and state codes.

Plan Review Services, Village of Bartlett & City of Elgin – Bartlett & Elgin, Illinois

| Project Manager for engineering review services for a large industrial development located in both communities. Services include reviews for the site civil, stormwater management, wetlands and floodplain which were complicated by the number of agencies having jurisdictional authority. Heidi worked directly with both communities to ensure that the development satisfied the requirements of both municipalities.



Dave is a Project Manager with extensive water resources engineering experience that makes him a valuable addition to any stormwater project. He has experience in municipal drainage design and flood remediation as well as obtaining project funding through federal and local grant applications. Dave is trained in a variety of related software applications including ArcGIS, XP-SWMM, HEC-RAS, HEC-HMS and Hydraflow.

YEARS OF EXPERIENCE

V3: 3 | Total: 17

EDUCATION

Bachelor of Science, Civil Engineering,
University of Illinois at Chicago

Master of Science, Civil Engineering,
University of Illinois at Chicago

REGISTRATIONS

Professional Engineer: Illinois,
#062-062248, 2009

Certified Floodplain Manager: Illinois,
#IL-08-00372, 2008

Certified Professional in Stormwater
Quality™: #1049, 2016

Tinley Creek Bridge Replacement & Permitting, Elim Christian Services – Crestwood, Illinois | Project Engineer for the removal and replacement of this pedestrian bridge that was destroyed during a heavy rain event in early 2020. V3 removed the old bridge and worked with a truss bridge fabricator to design the new structure according to IDNR-Office of Water Resources and MWRD standards. An important design goal was to maintain the historic aesthetic of the bridge while still obtaining the necessary regulatory permits.

Mitchell Lakes Restoration & Klein Creek Streambank Stabilization, Village of Carol Stream – Carol Stream, Illinois | Project Manager for a concept engineering study to stabilize and restore two lakes within in 14.5-acre impoundment of Klein Creek. Project goals included achieving 1.4 acres of wetland restoration, five acres of riparian buffer, 2,000 feet of channel stabilization and 2,500 feet of shoreline restoration. Additionally, erosion conditions were evaluated along a 2,300-foot length of Klein Creek and V3 prepared a second concept engineering study to restore the channel. A Section 319 Illinois EPA grant application was submitted for implementation of water quality improvements at Mitchell Lakes and Klein Creek.

Prince Pond Dredging & Park Improvements, Downers Grove Park District & Village of Downers Grove – Downers Grove, Illinois | Project Manager for improvements to Prince Pond Park. Project included dredging to remove accumulated sediment, installation of ADA compliant access paths and shoreline restoration. V3 performed bathymetric survey and sediment disposal evaluation to calculate volumes and determine appropriate disposal methods.

Kawachinagano Japanese Gardens Expansion, City of Carmel – Carmel, Indiana | Project Engineer for this park expansion to incorporate stormwater management from an adjacent large impervious parcel with vacant industrial buildings. The park adds to the recreational amenities for the adjacent community and serves as a gateway to City Hall, the Center for Performing Arts, City Center and a mixed use development. Dave supervised XP-SWMM hydrology and hydraulics analysis.



Smith & Cambridge Drainage Improvements, DuPage County Stormwater Management – West Chicago, Illinois | Project Manager for drainage improvements to relieve flooding of residential backyards during storm events where several structures have been damaged. V3 performed a drainage study to evaluate the existing system using a detailed XP-SWMM hydrologic and hydraulic model and determined that existing inlets were undersized. Our team designed a relief storm sewer to increase conveyance and reduce peak water surface elevations.

Country Club Highlands Drainage Improvements, DuPage County Stormwater Management – Elmhurst, Illinois | Project Manager for drainage improvements to the intersection of Emroy Avenue and Victory Parkway where several residential structures have been damaged by floodwater. Project included a drainage study by preparing a detailed XP-SWMM hydrologic and hydraulic model of the existing drainage network. V3 designed storm sewer improvements to increase conveyance and reduce peak water surface elevations and prepared preliminary and final engineering plans and construction documents.

Fairmont Community Drainage Improvements, Will County Land Use Department – Lockport, Illinois | Project Manager for drainage improvement design and construction document preparation for the approximately 100-acre Fairmont South study area. Drainage improvements are part of the planned economic revitalization of the area. Project required coordination and buy-in from several entities including Joliet Housing Authority, Lockport Township Highway Department and the Forest Preserve District of Will County.

Cobb Drive Drainage Improvements, Village of Woodridge – Woodridge, Illinois | Project Manager for drainage study to evaluate the existing system and identify deficiencies that contribute to flooding. Project included a detailed XP-SWMM hydrologic and hydraulic model which determined that the storm sewer was undersized and could not convey stormwater runoff to the adjacent detention basin quickly enough to prevent flooding during intense, short duration storm events. V3 prepared a preliminary and final engineering plans as well as construction documents for the project and will provide construction supervision services during storm sewer installation.

Carpentersville Dam Removal, Forest Preserve District of Kane County – Carpentersville, Illinois | Project Engineer for dam removal design and permitting services of a 10-foot-high, low-head, concrete dam within the Fox River. V3 determined ways to use the existing, historic mill races to bypass water during construction. Services included conducting a bathymetric survey, sampling and testing for environmental concerns, hydraulic modeling, wetland delineation upstream and downstream as well as water management, cost estimating and feasibility review. A riffle or rock feature will be incorporated into V3's restoration design to preserve the site as a valuable destination and sense of place for the community.

Cedar Road Phase II Engineering, Will County DOT – New Lenox, Illinois | Project Manager for replacement of a culvert crossing as part of this roadway reconstruction and widening project. Project included hydrologic and hydraulic analysis of the upstream watershed to calculate peak runoff rates and designed a new culvert crossing that met freeboard requirements. Permits were obtained from Will County, IDNR-Office of Water Resources and USACE.

Burlington Highlands Site #2, Village of Downers Grove – Downers Grove, Illinois | Project Manager for stormwater management improvements to a 40-acre study area. Due to the sensitive nature of the receiving waterway, V3 strategically designed upstream drainage improvements to create no adverse impact to downstream areas while providing maximum hydraulic benefits to flooded properties upstream. The project is currently scheduled for Spring 2021 construction.

Elm & Earlston Drainage Improvements, Village of Downers Grove – Downers Grove, Illinois | Project Manager for drainage improvement design and construction document preparation for a four-acre study area. V3's creative approach to drainage design resulted in cost-savings for the Village as well as much needed relief to flooded residences without impacting traffic flow on Ogden Avenue during the construction process. Permitting and close coordination of storm sewer layout with IDOT was completed for storm sewer installation and repurposing within the Ogden Avenue right-of-way.

SCOTT J. BREJCHA, PWS

WETLAND PERMITTING



Scott is the Manager of V3's Wetland Consulting Group where he manages and plans the activities of a staff of botanists, soil scientists, biologists and ecologists. His additional responsibilities range from marketing and coordinating wetland delineations to permitting, submitting and reviewing federal and county wetland permit applications. He also coordinates and corresponds with state and federal agencies regarding threatened and endangered species surveys. Scott has considerable experience in wetland permitting, watershed management plan preparation and coordination, due diligence consultation, the design/build process and business development within the Midwest.

YEARS OF EXPERIENCE

V3: 14 | Total: 21

EDUCATION

Bachelor of Arts, Environmental Biology, Saint Mary's University in Minnesota

CERTIFICATIONS

Professional Wetland Scientist, PWS
Professional Biologist, Alberta, Canada
Lake County Certified Wetland Specialist: C-106
Kane County Qualified Wetland Review Specialist: W-069
McHenry County Certified Wetland Specialist

ASSOCIATIONS

Society of Wetland Scientists
Association of State Wetland Managers
Alberta Society of Professional Biologists

Arbor Trails Wetland Permitting & Mitigation Design, K. Hovnanian Homes – Lisle, Illinois | Wetland Specialist for this 60.5-acre residential project. Project included preserving a 5.6-acre emergent wetland, onsite and offsite wetland mitigation. Scott prepared the USACE regional permit, DuPage County wetland and stormwater permit as well as the onsite wetland mitigation design and best management practices.

North Aurora Park Streambank Stabilization, Fox Valley Park District – Aurora, Illinois | Project Manager and Wetland Specialist providing professional design and permitting services for North Aurora Park which includes the Fox River Trail. V3 prepared design plans to restore the existing streambank which had eroded and failed. Scott prepared and obtained an emergency streambank stabilization permit from the USACE.

First Park, City of Joliet – Joliet, Illinois | Wetland Specialist who prepared, submitted and obtained the USACE Section 404 regional wetland permit for this abandoned quarry site. Scott prepared and received a jurisdictional determination from the USACE and coordinated with the City of Joliet and the client to establish best management practices in the form of native plantings within the proposed detention facilities at the site. He also worked closely with the City of Joliet and the USACE which led to a timely issuance of permits.

Zion Woods, Housing Opportunity Development Corporation – Deerfield, Illinois | Wetland Permitting Specialist for this residential development. V3 performed the wetland delineation as well as assessed impacts to wetlands under Lake County Stormwater Management Commission and USACE jurisdiction. Scott successfully prepared, submitted and obtained the required regulatory permits. In addition, Scott designed the required native plantings for the on site stormwater management facilities and negotiated the required wetland mitigation for the proposed wetland impacts.

Churchill Woods Forest Preserve Dam Modification & Wetland Restoration, DuPage County Stormwater Management – Lombard, Illinois | Wetland Specialist for this project which included the removal of a low head dam and subsequent restoration of the impoundment area. Design process included an evaluation of several phased cost-effective alternatives including dam modification, dam removal and restoration alternatives for the impoundment area and stream corridor. Scott was responsible for permitting with the USACE and DuPage County Stormwater for this project.



Briargate Subdivision, Pulte Homes Corporation – Lindenhurst, Lake County, Illinois | Project Manager responsible for preparing, submitting and obtaining the required wetland permits from the Village of Lindenhurst which is a certified community that regulates the Lake County Watershed Development Ordinance. This large residential development serves as a gateway to the Village. Scott successfully worked with the regulatory agencies and the Village for the proposed impact to 0.69 acres of isolated wetland on the site. He also designed the native vegetation for the stormwater management facilities which totaled 18.34 acres of native plants which serve as an amenity enhancement to the development.

Proposed Development Project – DuPage County, Illinois | Wetland Permitting Specialist responsible for preparing, submitting and obtaining the required regulatory permits from DuPage County Stormwater and USACE. Scott was responsible for the native planting design, the required monitoring and management plan and the negotiation of the required wetland mitigation for the project.

Trillium Farms Residential Subdivision, Pulte Homes Corporation – Unincorporated DuPage County, Illinois | Project Manager for this 39-acre site consisting of an 86-lot, residential subdivision with associated 9.6 acres of designed native plantings for the naturalized stormwater management facilities. Prior to permitting, V3 conducted a wetland delineation of the site. Scott successfully obtained a letter of no objection from USACE-Chicago District as well as a wetland and wetland buffer permit from DuPage County Stormwater.

Vermilion River Low-Head Dam Removal & Restoration, IDNR Office of Water Resources – Oglesby, Illinois | Wetland Permitting Specialist for removal of a low-head dam to return this section of river to its natural state and allow for the safe passage and recreational usage of the river at this location. V3 prepared the permits as well as the restoration and mitigation plans for construction access activities. Scott prepared, coordinated and obtained the newly-issued, Nationwide Permit 53 from the USACE Rock Island District.

905 W. Eastman Street, R2 Companies & CRTKL Architects – Chicago, Illinois | Wetland Permitting Specialist for the renovation of an existing commercial building into a new REI retail space adjacent to Chicago's "Wild Mile" initiative. Proposed improvements included the complete design of West Eastman Street as well as new utility services and design of a new section of riverwalk along the west face of the existing structure which will include pedestrian access and a kayak launch to the Chicago River North Branch Canal. Scott prepared, submitted and obtained USACE Section 10, 404 and 408 permits. The 408 permit process had been recently reintroduced by the Chicago District USACE and as part of this project was reviewed and included a public notice comment period.

Bucky's Winfield, Buchanan Energy – Winfield, Illinois | Project Manager and Wetland Permitting Specialist for a proposed Bucky's development which directly impacted 0.67 acres of isolated wetlands of DuPage County. Project included a wetland delineation, state and federal threatened and endangered species consultation and a tree survey. Scott prepared, submitted and obtained the DuPage County wetland and stormwater permit certification which included an alternatives analysis. He also coordinated the required wetland mitigation to offset impacts.

2nd Mainline Track Wetlands in DuPage County, Wisconsin Central Ltd. – DuPage County, Illinois | Project Manager and Wetland Permitting Specialist for this wetland delineation and permitting of proposed impacts to wetlands and Waters of the U.S./Waters of DuPage County. Project included adding an additional track to this more than two-mile corridor which impacts 0.38 acres of jurisdictional wetlands. Scott prepared, submitted and obtained the USACE regional permit and DuPage County stormwater permit for the project.

CN Railway Wetland Delineation, Canadian National Railway – Gary, Indiana | Project Manager for analyzing a six-acre site for the presence of wetlands, Waters of the U.S. and threatened and endangered species potential habitat. V3's expert wetland delineation team identified a wetland on the site that met the criteria of a High Quality Aquatic Resource. Project included submitting and coordinating state and federal Threatened and Endangered Species Consultation letters, incorporating tax map and records to outline existing land ownership conditions and wetland permitting consultation.



Phil is a Senior Project Manager with structural and civil engineering project management experience including both design and construction management and supervision of projects in the roadway, highway, rail, building and private development arenas.

YEARS OF EXPERIENCE

V3: 21 | Total: 32

EDUCATION

Bachelor of Science, Civil Engineering,
University of Illinois

REGISTRATIONS

Professional Engineer:

- *Illinois, #062-048820, 1994*
- *Indiana, #PE10001163, 2000*
- *Wisconsin, #40516-6, 2009*

Structural Engineer: Illinois,
#081-005712, 2000

ASSOCIATIONS

American Consulting Engineers
Council of Illinois

American Public Works Association

American Railway Engineering &
Maintenance of Way Association

Illinois Road & Transportation Builders
Association

83rd Street Bridge Pedestrian Walkway Safety Enhancements, Village of Woodridge – Woodridge, Illinois | Structural Project Manager for this bridge improvement project which included structural design, civil design and construction engineering. The existing structure had temporary concrete barriers used as a divider between the roadway and the north sidewalk and bike path. The main thrust of the project was to install a new concrete barrier anchored to the bridge deck, as well as new sections of guardrail for safety of the pedestrian and bicycle traffic utilizing the bridge.

McCullough Park Pedestrian Path & Bridge, Village of Burr Ridge – Burr Ridge, Illinois | Structural Project Manager for the foundation design and construction inspection of a prefabricated steel truss pedestrian bridge structure. Phil assisted in the selection of a truss bridge, designed the abutments and performed periodic construction inspection at key points during the bridge installation.

Pedestrian Bridge Over East Branch of DuPage River, Village of Woodridge – Woodridge, Illinois | Structural Project Manager for this bridge inspection which was on private property adjacent to a busy roadway. V3 performed the inspection and prepared a report that included inspection observations, noted areas of deficiency, recommended repairs and an estimate of probable cost for the recommended repairs.

IL Route 58 Bicycle & Pedestrian Bridge over Salt Creek, City of Rolling Meadows – Rolling Meadows, Illinois

| Structural Project Manager for the planning, preliminary design and development of construction documents for this project. The design services provided included the planning and design of a new prefabricated steel bridge structure, cast-in-place concrete abutments on pile foundations and the coordination of utility conflict issues related to the proposed bridge. Phil provided preparation of construction documents, design studies and preparation of project development reports.

Pedestrian Bridge Structure over Navajo Creek at Trinity Christian College, City of Palos Heights – Palos Heights, Illinois | Structural Project Manager for various designs, permitting and coordination for the installation of a 100-foot-long, prefabricated steel truss bridge. V3 performed surveying services, civil design, structural review, permitting, lighting design and general coordination for this fast tracked bridge installation project.



Pedestrian Bridge Structure over Creek at Riverside Golf Club, Village of Riverside – Riverside, Illinois | Project Manager for the structural design of spread footing abutment structures for this prefabricated steel truss bridge that was installed over a creek.

Barrington Metra Station Expansion – Barrington, Illinois | Design of structural elements for the Barrington Metra Station expansion. Improvements consisted of an addition to the station building, new platforms, canopies, shelters and parking improvements. Specific structural work included checking design of the timber truss framing for the architect, design of station floor slab and wall footings, design of steel framing systems for the new canopies and shelters and design of new precast concrete block retaining wall in expanded parking.*

Lincoln Yards North Structural Engineering, Sterling Bay – Chicago, Illinois | Structural Project Manager for structural design and oversight for this 70-acre, mixed-use development along the North Branch of the Chicago River. Project consisted of preliminary design of the new Dominick Street Bridge as well as oversight of preliminary design of new bridges at Concord Place and Armitage Avenue. Designs were coordinated with improvements to the roadway network throughout the development. Project also included detailed design of retaining walls, various underground utility structures and temporary shoring against the railroad to environmental remediation activities adjacent to the historic swing bridge.

Structural Peer Reviews, Burnham Nationwide – Chicago, Illinois | Structural Project Manager and Reviewer for performing building code reviews of structural and foundation plans and calculations for small-scale renovation and build-out projects. These assignments are schedule sensitive and require quick turnaround times.

ComEd Bridge Inspection & Management Program, ComEd – Various Locations, Illinois & Indiana | Manager, Designer and Inspector for an inventory of approximately 70 bridges that are owned by ComEd. Standard NBIS and element level inspection forms and written inspection reports were created for the bridges. Additionally, V3 created and is maintaining a bridge management system for the client to have an organized database of information pertaining to these bridges and to help prioritize and budget for future work on these structures. Design work is performed on an as-needed basis and seven bridges have been eliminated and replaced with pipe culverts.

ComEd Bridge 167 Replacement, ComEd – Lake Forest, Illinois | Project Manager for the replacement of an existing single-span bridge, which was in poor condition with an unknown live load capacity. The existing structure carried the Skokie Valley Bike Path over Deerpath Road. The new bridge is a 58-foot-long, single-span PPC deck beam superstructure supported on concrete abutments surrounded by MSE walls.

Foundation & Retaining Wall Design, McDonald's USA – Chicago Region | Structural Project Manager for the design of foundations for signs, light poles and drive thru components, design of retaining walls and design of trash corral foundations for McDonald's restaurants in various locations which were undergoing either complete reconstruction or modifications.

Brookmont Boulevard Viaduct, City of Kankakee – Kankakee, Illinois | Project Manager for Phase II design services for the replacement of a bridge that carries seven sets of CN Railroad tracks over Brookmont Boulevard. The proposed new bridge will be a 78-foot-long, single-span structure featuring a 92.5-foot-wide superstructure carrying six tracks and a 122.5-foot-wide substructure. The resulting improvements will provide a much safer viaduct with improved sight lines, increased clearances, ADA accessibility and protection from flooding.

Third Street Parking Garage Expansion, City of Geneva – Geneva, Illinois | Project Manager and Resident Engineer for the expansion of a parking garage adjacent to the shared Metra and Union Pacific West Line. Services included construction observation and inspection, material testing, project documentation and coordination of issues with the contractor, the Union Pacific Railroad, Metra and the City of Geneva. This project was awarded the 2016 Project of the Year award for structures-under \$5 million from the APWA Chicago Metro Chapter.

DIANNA JOHNSON

CONSTRUCTION PROJECT MANAGER



Dianna is a Senior Project Manager with construction management experience delivering projects to both municipal and commercial clients. Dianna has managed projects such as multi-use trails, streambank stabilizations, park developments and site developments. She is responsible for coordinating the project progress and interacting with the owner and engineer. Dianna also monitors the self-performing component of projects as well as scheduling subcontractor work.

YEARS OF EXPERIENCE

V3: 19 | Total: 34

EDUCATION

Master of Business Administration,
Regent University

CONTINUING EDUCATION

OSHA 10-Hour

St. James Farm Forest Preserve Trail Improvements, Forest Preserve District of DuPage County –

Warrenville, Illinois | Project Manager for this \$1-million project which was part of the master plan improvements for this 612-acre preserve. Scope of work included excavation, tree clearing, removal of existing asphalt road and aggregate path and replacement, culvert crossings, storm pipe and structures installation, an emergency access road and small parking lot, concrete curb and sidewalk. Restoration work included seeding low maintenance turf with erosion control blanket, plant and shrub installation, native inter-seeding for wetland buffer mitigation and three years of maintenance.

Mallard Lake Forest Preservation Channel Restoration, Forest Preserve District of DuPage County –

Hanover Park, Illinois | Project Manager for this project to stabilize banks of the West Branch DuPage River near the Mallard Lake North Landfill. Project included realigning 1,040 linear feet of the channel and 1,850 linear feet of rock bank stabilization. Native restoration consisted of 20 acres of seeding with hydromulch and erosion control blanket, 91,000 plant plugs, 19 trees and shrubs and five years of maintenance and monitoring.

Rathje Park Improvements, Wheaton Park District –

Wheaton, Illinois | Project Manager for this \$560,000 project which included dredging of two existing ponds, stone outcropping and rock toe along the shoreline and removal and replacement of a boardwalk pedestrian bridge. The existing parking lot was also replaced with permeable paver pavement along with new paver drive lane along preschool building, curb, gutter and sidewalk. Native planting elements included a rain barrel and sidewalk runnel draining to a rain garden, turf seeding, erosion control blanket, native seeding and plug plantings as well as a five years maintenance plan.

Fort Sheridan Public Access Improvements, Lake County Forest Preserves & USACE –

Fort Sheridan, Illinois | Project Manager for this \$1.8-million restoration to improve park access. Scope of work included excavation for pond expansion, grass and hot mix asphalt trails, new 50-stall parking lot and entrance drive, four timber boardwalk, two trail head locations with evaporator toilets, benches and bike racks, four trail overlook locations as well as 19.3 acres of seeding with 13 acres of hydromulch and six acres of erosion control blanket.



West Trail & Parking Lot Access, Grassy Lake Forest Preserve – Barrington, Illinois | Project Manager for this \$2.1 million project. Scope of work included site grading, trail construction, a new 24-car parking lot with concrete walk, prefabricated toilet building, storm pipe and structures, culvert crossings, five scenic overlooks with benches and timber boardwalk bridge. Restoration work included 65 acres of vegetation removal and restoration, low maintenance turf seeding with erosion control blanket and native seeding with hydromulch.

Spring Brook Creek No. 1 at Blackwell Forest Preserve, Forest Preserve District of DuPage County – Warrenville, Illinois | Project Manager for improvements to this channelized drainage ditch which included a dam removal and a new stream channel with meanders, pools, riffles and runs. Native restoration of the 16-acre area included site clearing, seeding, plug planting, tree and shrub planting, clearing and invasive species control.

Spring Brook Tributary No 2 Meander Project, Forest Preserve District of DuPage County – Naperville, Illinois | Project Manager for this \$8 million, creek and wetland restoration on 97 acres of the Blackwell Forest Preserve. Project included construction of more than one mile of new creek which included soil wraps, root wad toe stabilization, bank barbs, riffle sills and cobble shoreline. A new pedestrian bridge and roadway bridge were installed along with 1,900 linear feet of new trail and restoration of 75 acres with new seeding, 100,010 plant plugs, 200 shrubs and trees. A seven year maintenance and monitoring period covered woodlands, wetlands and mesic prairie native establishment.

Spring Brook Creek No.1 at St. James Farm Forest Preserve, Forest Preserve District of DuPage County – Warrenville, Illinois | Project Manager for this \$3.6-million, two-mile restoration of Spring Brook Creek to its historic floodplain condition. Project included a new meandering creek channel using multiple stabilization methods and restoration with native seeding, wetland plugs and plantings of shrubs and trees.

Public Access Improvements at Fox River Forest Preserve, Lake County Forest Preserves – Port Barrington, Illinois | Project Manager for this \$600,000 project with compensatory storage grading and aggregate trail construction through sensitive woodlands. Project also included asphalt trail construction, culvert crossings, parking lot improvements, cut stone retaining wall, boardwalk with handrail, benches and split rail fence. Restoration on the trail was done using native seed and low maintenance turf seed with erosion control blanket.

Everett Road & Captain Daniel Wright Woods Forest Preserve Trail Connections, Lake County Forest Preserves – Mettawa, Illinois | Project Manager for the construction of a new trail along Everett Road and thru Captain Daniel Wright Woods Forest Preserve to connect existing trails. The scope of work included excavation and aggregate placement for 1,200 linear feet of 10-foot-wide porous pave surface trail, 2,360 linear feet of 10-foot-wide asphalt trail, tree clearing, drainage culverts, shoulder widening on Everett Road, topsoil placement and grading as well as three acres of seeding and hydromulch.

Niles North Outdoor Athletic Field & Surface Alterations, Niles Township High School District 219 – Skokie, Illinois | Project Manager for \$1.9 million improvements to the outdoor athletic facilities at the Niles North High School. Project included new track surfacing and synthetic field drainage as well as eight tennis courts, a new long jump and pole vault track. Additional improvements included brick pavers in the seating area and new stone base for the turf field.

St. Joseph Creek Restoration, Village of Downers Grove – Downers Grove, Illinois | Project Manager for this design/build to improve the overall water quality of St. Joseph Creek, Barth Pond and the receiving waters of the East Branch DuPage River. Project included a cost estimate, wetland delineation, modeling, design and permitting to reconstruct 1,450 linear feet of the creek as well as stabilize 560 linear feet. Construction included excavation for the new creek alignment, stone toe, rock riffles, rock vanes, soil lifts and two new box culverts. Native restoration included five acres of seed and erosion control blanket, 8,000 plugs and 250 shrubs and trees as well as three years of maintenance and monitoring.

Kehoe Boulevard Streambank Stabilization, Village of Carol Stream – Carol Stream, Illinois | Project Manager for restoration of 630 linear feet of streambank along Thunderbird Creek. Work included tree clearing, excavation of material, grading to create a new creek profile as well as 290 linear feet of block retaining wall and 1,260 linear feet of boulder toe. Restoration included native seed, native plant plugs and erosion control blanket as well as turf seed, trees and shrubs. Three years of maintenance and monitoring ensured establishment of the native restoration.

BRAD MILLIS

RESTORATION MANAGER



Brad is a Project Manager with an industry-wide reputation for his ability to lead multidisciplinary efforts to develop cost saving, logistical and performance solutions for his clients. Brad directly oversees senior ecology staff in the direction and implementation of ecological management activities. Prior to assuming his Project Manager role, Brad spent eight years managing field operations for V3's restoration and mitigation projects. In that role, he provided construction observation on stream restoration and wetland mitigation projects as well as sediment and erosion control inspections. His restoration experience includes projects involving streams, wetlands, woodlands and prairies.

YEARS OF EXPERIENCE

V3: 14 | Total: 14

EDUCATION

Bachelor of Science, Soil & Crop Management, Purdue University

REGISTRATIONS

ISA Certified Arborist: #IL-5426A, 2011

Applicator Pesticide License:

- *Illinois, CO 04346365, 2017*
- *Indiana, RT230619, 2017*

Prescribed Burn Manager: Illinois, #14-528, 2014

Fire Training:

- *S-130/S-190 Basic Wildland Firefighting*
- *S-290 Intermediate Wildland Fire Behavior*

Somerglen & Lakeside Pond Restoration, Village of Orland Park – Orland Park, Illinois

Park – Orland Park, Illinois | Project Manager for this 3.5 acres of native area restoration in a residential area dominated by aggressive invasive species. Project included chemical treatment and mechanical removal of invasive species and the installation of 5,000 native plugs, native seed and erosion blanket as well as maintaining a number of traditional landscape features around the ponds. Brad provided community education meetings with the home owners association to explain expectations and address resident concerns.

Park Hill Ponds, Village of Orland Park – Orland Park, Illinois

– Orland Park, Illinois | Project Manager for this three-phase, design/build project which successfully regraded and stabilized 3,000 linear feet of pond slope. Project included hand clearing, stone toe installation, turbidity curtain, soil wrap, native seed and plant plugs. Brad worked closely with the Village and residents by conducting community education meetings on the intent of the work and incorporating solutions to residents' concerns into the project.

Native Landscape Assessment & Design, Village of Orland Park – Orland Park, Illinois

Park, Illinois | Project Manager for the design/build retrofit of several conventional ponds including three high-priority ponds that were experiencing degradation. V3's design incorporated best management practices to result in sustainable basins with a focus on native vegetation establishment, efficient operation and maintenance as well as resident aesthetic values. Brad collaborated with Village staff and residents to develop a cost effective approach to sustaining Village natural areas while also satisfying the aesthetic needs of home owners.

Orland Golfview Pond Shoreline Restoration, Village of Orland Park – Orland Park, Illinois

Park – Orland Park, Illinois | Project Manager for the shoreline restoration of a pond that was overgrown with invasive plants species and located in a highly-visible residential area. Project included custom seed and plant plug mixes along with long-term maintenance and monitoring of vegetation. The design and implementation of the project tailored specifically to achieving a functional, cost-effective approach that met resident expectations.

BRAD MILLIS

RESTORATION MANAGER



Village Hall, Police & Imperial Ponds Native Restoration, Village of Orland Park – Orland Park, Illinois | Project Manager for evaluation and restoration of three high priority ponds that were experiencing degradation of existing vegetation, erosion and scour of slopes, poor water quality and an overall unappealing appearance to the public. V3 incorporated best management practices focusing on stewardship of the natural areas, expansion of the shoreline buffer areas, stabilization and restoration. Brad designed a plug and seed mix that has added color and high-quality native vegetation to these high-profile public amenities, which have become models for many other projects in the area.

Grassy Lake Forest Preserve Southwest Quad Wetland Mitigation & Restoration, Panattoni Development Company, LLC – Romeoville, Illinois | Project Manager for this 70-acre plus wetland restoration and prairie buffer establishment project. Wetland enhancement consisted of controlling the reed canary grass monoculture by scraping and disposing the existing six-inches of topsoil followed by installation of 80,000 emergent plant plugs was conducted followed by five-years of management and monitoring. The project received final Corps sign-off and the wetland continues to flourish under the management of V3.

Great Egret Pond, Village of Orland Park – Orland Park, Illinois | Project Manager for this one-acre, pond restoration which consisted of herbicide treatment and woody species removal. Brush cutters, chainsaws, fecon mowing and chippers were all used to dispose of the woody material from the site. Future management activities will include prescribed burning, native seeding and planting as well as on-going stewardship of the site.

Spring Brook Creek No.1 at St. James Farm Forest Preserve, Forest Preserve District of DuPage County – Warrenville, Illinois | Field Operations Manager for this \$3.6-million, two-mile restoration of Spring Brook Creek to its historic floodplain condition. Project included a new meandering creek channel using multiple stabilization methods and restoration with native seeding, wetland plugs and plantings of shrubs and trees.

Fort Sheridan Public Access Improvements, Lake County Forest Preserves & USACE – Fort Sheridan, Illinois | Field Operations Manager for this \$1.8-million restoration to improve park access. Scope of work included excavation for pond expansion, grass and hot mix asphalt trails, new 50-stall parking lot and entrance drive, four timber boardwalk, two trail head locations with evaporator toilets, benches and bike racks, four trail overlook locations as well as 19.3 acres of seeding with 13 acres of hydromulch and six acres of erosion control blanket.

St. James Farm Forest Preserve Trail Improvements, Forest Preserve District of DuPage County – Warrenville, Illinois | Field Operations Manager for this \$1-million project which was part of the master plan improvements for this 612-acre preserve. Scope of work included excavation, tree clearing, removal of existing asphalt road and aggregate path and replacement, culvert crossings, storm pipe and structures installation, an emergency access road and small parking lot, concrete curb and sidewalk. Restoration work included seeding low maintenance turf with erosion control blanket, plant and shrub installation, native inter-seeding for wetland buffer mitigation and three years of maintenance.

West Branch Forest Preserve Wetland, Fen & River Restoration, Forest Preserve District of DuPage County – Carol Stream, Illinois | Field Ecologist for this complex, multi-year project which involves the restoration of a 350-acre preserve including a one-mile section of the West Branch of the DuPage River, 90 acres of wetlands, a 34-acre fen and adjacent prairies environments. The river restoration posed a daunting challenge requiring a solution that involved diverting the existing river while accommodating the 100-year storm event volumes. V3 restored the river in phases, building three 40-foot-wide by 20-foot-deep lined diversion channels.

Districtwide Natural Areas Maintenance Program, Forest Preserve District of DuPage County – DuPage County, Illinois | Project Manager providing year-round, on-call native area maintenance. Services include invasive weed control, woody clearing, native planting, mowing and site assessments. Brad manages logistics, forecasts upcoming needs and closely tracks the annual budget to ensure that goals are met and results are delivered ahead of schedule.

Churchill Woods Forest Preserve Habitat Improvements, Forest Preserve District of DuPage County – Lombard, Illinois | Project Manager for this habitat improvement project. Project included 26 acres of selective hand clearing and prescribed burning as well as dormant tree identification by sawyers and herbicide applicators. Safety measures were a critical part of this project due to public traffic through the preserve as well as the project's close proximity to busy roads.

ANDY GRAF

FIELD OPERATIONS DIRECTOR



Andy is the Field Operations Director for V3's Construction Group. His project experience includes construction of roadway and trail, mass grading, creek restoration, wetland mitigation and shoreline stabilization. Andy is responsible for the coordination of field personnel, equipment management and quality assurance. He also assists in the preparation and submittal of more than \$70 million in estimated construction bids annually.

YEARS OF EXPERIENCE

V3: 19 | Total: 25

CONTINUING EDUCATION

OSHA 40-Hour

CPR Certified

Trained & Tested in Excavations,
Confined Space & Traffic Protection

Competent Person Safety

Tinley Creek Streambank Stabilization, Industria & Metropolitan Water Reclamation District of Greater Chicago – Crestwood, Illinois

| Field Operations Director for this flood control and streambank stabilization project. Project included improving 2,600 linear feet of Tinley Creek utilizing three distinct stabilization styles: bankfull benches with native plantings, pool and riffle structures and resloped and armored creek banks with RR-5 Rip Rap or nine-foot-tall Gabion basket walls. Due to multiple utilities hazards, Andy developed and implemented a tailored onsite safety protocol.

St. James Farm Forest Preserve Trail Improvements, Forest Preserve District of DuPage County – Warrenville, Illinois

| Field Operations Director for this \$1-million project which was part of the master plan improvements for this 612-acre preserve. Scope of work included excavation, tree clearing, removal of existing asphalt road and aggregate path and replacement, culvert crossings, storm pipe and structures installation, an emergency access road and small parking lot, concrete curb and sidewalk. Andy delivered the project on time and on budget while navigating field crews and construction activities around an existing oak grove.

Fort Sheridan Restoration, Lake County Forest Preserves & USACE – Fort Sheridan, Illinois

| Field Operations Director for this \$3.4-million restoration of two major ravines on this 250-acre forest preserve. Repairs included restoring native habitat, construction of a diversion channel, prairie and wetland seedings and processing of approximately 230,000 cubic yards of soil. Due to the steep, unstable slope of the ravines, Andy developed and implemented a customized safety protocol.

Sunset Park Development, Village of Lake in the Hills – Lake in the Hills, Illinois

| Superintendent for park improvements including underground utilities and mass grading including two ponds, paved trail, parking lot, lime stabilization and landscaping.

Springbrook Prairie Trail, Forest Preserve District of DuPage County – Naperville, Illinois

| Superintendent for \$1.8-million project constructing more than eight miles of new trail. Project included installation of three bridges and three boardwalks and construction of a parking lot, detention pond and mass planting of trees and shrubs. Andy redesigned elevations to balance soils resulting in significant cost savings.



Spring Brook Creek No.1 at St. James Farm Forest Preserve, Forest Preserve District of DuPage County – Warrenville, Illinois | Field Operations Director for this \$3.6-million project restoring a more than two mile section of Spring Brook Creek to its historic floodplain condition. Scope of work included creating a new meandering creek channel using multiple stabilization methods. Restoration was completed with native seeding, wetland plugs and plantings of shrubs and trees.

Du-Comm Mitigation, Wight Construction Services, Inc. – Wheaton, Illinois | Field Operations Director for this \$1.2-million, wetland restoration project to provide additional flood storage through construction of basins and a flood control berm located between the campus building and Winfield Creek. Project included a total of 4.4 acres of native wetland, wet prairie and mesic prairie seeding and 11.8 acres woodland native inter-seeding as well as installation of 150 trees and 90 shrubs. Additional improvements included 2,500 linear feet of HMA trail, 1,915 square feet of PCC sidewalk, drainage utilities and fencing near the creek to protect trees and shrub from beavers.

Country Lakes Park, Naperville Park District – Naperville, Illinois | Superintendent for this \$1.3 million park project. Scope of work included construction of a large community playground, concrete plaza with shelter, an athletic field, basketball courts, parking lot with entry drive, asphalt trail, two wooden overlooks, landscaping, sports field lighting and parking lot lighting.

Pierce Place Parking Expansion, Piedmont Office Realty Trust, Inc – Itasca, Illinois | Field Operations Director for construction of this 433-stall, \$1.2-million parking lot constructed on a five-acre, open lot adjacent to the existing office building. V3 self-performed the earthwork, aggregate placement, bioswale construction and underground utility installation. The completed lot included new concrete curb and asphalt, LED lighting, sidewalk with light bollards, entry gate, new landscaping and irrigation throughout the parking lot.

Prince Pond Dredging & Park Improvements, Downers Grove Park District – Downers Grove, Illinois | Field Operations Director for pond dredging and park improvements. This pond is used as stormwater storage and had lost some of it's capacity due to the accumulation of sediment in the pond and also acts as a recreational amenity for the neighborhood. During construction it was discovered that the bottom of the pond was soft peat material instead of the expected hard clay which caused a change in the approach for removing the sediment to prevent equipment from sinking into the soft peat material.

Addison Creek Stabilization, Industria, Inc. – Northlake & North Riverside, Illinois | Field Operations Director for this \$1.6-million streambank stabilization of two locations on Addison Creek. Project included bank grading, rip rap installation, erosion control and rock toe. Implementation of the improvements required a detailed in-stream work plan that included coffer dam installation and bypass pumping of active flow.

Cantigny Campus Redevelopment, Cantigny Foundation – Wheaton, Illinois | Field Operations Director for this master planning effort to enhance the "visitor experience" throughout the entire 500-acre, park campus. Project included demolition, earthwork, grading, underground utility installation and native landscaping as well as parking lot, path and playground construction. Andy was responsible for a complex construction schedule to work around high-profile areas in the gardens and maintain public access at all times.

Chicago River Dam Removal & Restoration, Industria, Inc. – Chicago, Illinois | Field Operations Director for removal of the 108-year-old, 82-foot-wide reinforced concrete dam as well as restoration of 450 linear feet of the North Branch River. V3 acted as the demolition/excavation/restoration contractor for this USACE river riparian connectivity and habitat project. Andy designed and implemented the temporary diversion channel during construction.

Wescott Park Stormwater Storage, Village of Northbrook – Northbrook, Illinois | Field Operations Director for this complicated earthwork and underground stormwater storage project aimed at reducing the frequency and severity of flooding for 36 single-family residences in a 25-year-storm event. Project included installation of a 24-acre-foot underground storage facility, at the time the largest StormTrap system in the nation. 1,722 individual StormTrap precast pieces were installed along with a rainwater harvesting system to irrigate the park's ball field.



Scott is a Field Superintendent with experience in the construction industry involving both on-site management and overall field operations. His project experience includes site developments such as residential, commercial, industrial and retail projects. Scott is also experienced in golf course construction, lake restoration, wetland mitigations, building excavation, unsuitable material removal, roadway construction and site demolition. He is responsible for the field employees on his projects, interaction with the owner, engineer and testing services and coordination of subcontractors.

YEARS OF EXPERIENCE

V3: 14 | Total: 30

EDUCATION

Bachelor of Science, Building Construction Management, University of Wisconsin

SPECIALIZED SKILLS

OSHA 10 Hour

CPR Certified

Trained & Tested in Excavations, Confined Space & Traffic Protection

Competent Person Safety Training

Fort Sheridan Public Access Improvements, Lake County Forest Preserves & USACE – Fort Sheridan, Illinois | Field Superintendent for this \$1.8-million restoration to improve park access. Scope of work included excavation for pond expansion, grass and hot mix asphalt trails, new 50-stall parking lot and entrance drive, four timber boardwalk, two trail head locations with evaporator toilets, benches and bike racks, four trail overlook locations as well as 19.3 acres of seeding with 13 acres of hydromulch and six acres of erosion control blanket.

Spring Brook Creek No. 1 at Blackwell Forest Preserve, Forest Preserve District of DuPage County – Warrenville, Illinois | Field Superintendent for improvements to this channelized drainage ditch which included a dam removal and a new stream channel with meanders, pools, riffles and runs. Native restoration of the 16-acre area included site clearing, seeding, plug planting, tree and shrub planting, clearing and invasive species control.

Rathje Park Improvements, Wheaton Park District – Wheaton, Illinois | Field Superintendent for improvements to two existing ponds. Project included dredging and shoreline stabilization and construction of a new permeable paver parking lot along with various amenities to serve the residents and the existing preschool.

Mallard Lake Forest Preservation Channel Restoration, Forest Preserve District of DuPage County – Hanover Park, Illinois | Field Superintendent for this project to stabilize banks of the West Branch DuPage River near the Mallard Lake North Landfill. Project included realigning 1,040 linear feet of the channel and 1,850 linear feet of rock bank stabilization. Native restoration consisted of 20 acres of seeding with hydromulch and erosion control blanket, 91,000 plant plugs, 19 trees and shrubs and five years of maintenance and monitoring.

St. James Farm Forest Preserve Trail Improvements, Forest Preserve District of DuPage County – Warrenville, Illinois | Field Superintendent for this \$1-million project which was part of the master plan improvements for this 612-acre preserve. Scope of work included excavation, tree clearing, removal of existing asphalt road and aggregate path and replacement, culvert crossings, storm pipe and structures installation, an emergency access road and small parking lot, concrete curb and sidewalk. Restoration work included seeding low maintenance turf with erosion control blanket, plant and shrub installation, native inter-seeding for wetland buffer mitigation and three years of maintenance.



Tinley Creek Streambank Stabilization, Industria & Metropolitan Water Reclamation District of Greater Chicago – Crestwood, Illinois | Field Superintendent for this flood control and streambank stabilization project. Project included improving 2,600 linear feet of Tinley Creek utilizing three distinct stabilization styles: creating bankfull benches with native plantings, installation of pool and riffle structures and resloping and armoring creek banks with RR-5 Rip Rap or nine-foot-tall Gabion basket walls.

Millennium Trail Construction, Lake County Forest Preserve – Round Lake, Illinois | Field Superintendent for this \$1.3-million project that included construction of 2.5 miles of 12-foot wide asphalt trail, a 210-linear-foot timber bridge and a 150-linear-foot boardwalk. Also included was boulder wall, new split rail fence and benches along the trail. Restoration of the trail was done using native seed and low maintenance turf seed.

Nippersink Trail Extension, Lake County Forest Preserves – Round Lake, Illinois | Field Superintendent for this \$459,800 project that included 4,000 linear feet of 12-foot-wide aggregate trail construction, 160 linear feet boardwalk, 152 linear feet timber bridge, drainage culverts, two stone benches, split rail fence and concrete apron. Restoration of the trail was done using native seed with hydro mulch and low maintenance turf seed with erosion control blanket.

Mallard Lake Forest Preserve Site Development, Forest Preserve District of DuPage County – Hanover Park, Illinois | Field Superintendent for this \$2.1-million restoration project which included a new, one-mile entrance drive, expansion of the existing parking lots, seven new basins, aggregate trails and a 650 linear feet boardwalk. Included was 1,300 linear feet of shoreline stabilization which included a boulder rock shoal and restoration of the shoreline with wetland seed and plantings.

Everett Road & Captain Daniel Wright Woods Forest Preserve Trail Connections, Lake County Forest Preserves – Mettawa, Illinois | Field Supervisor for the construction of a new trail along Everett Road and thru Captain Daniel Wright Woods Forest Preserve to connect existing trails. The scope of work included excavation and aggregate placement for 1,200 linear feet of 10-foot-wide porous pave surface trail, 2,360 linear feet of 10-foot-wide asphalt trail, tree clearing, drainage culverts, shoulder widening on Everett Road, topsoil placement and grading as well as three acres of seeding and hydromulch.

Public Access Improvements at St. James Farm, Forest Preserve District of DuPage County – Warrenville, Illinois | Field Superintendent for this \$1-million project that included 2,000 linear feet of new asphalt roadway, 55,000 square feet of permeable paver parking lot, pavement marking, detention basins, storm sewer culverts and structures, concrete curb and sidewalk. Nearly five acres of seeding and restoration including erosion control blanket, native plugs, trees and shrubs.

Du-Comm Mitigation, Wight Construction Services, Inc. – Wheaton, Illinois | Field Superintendent for this \$1.2-million, wetland restoration project to provide additional flood storage through construction of basins and a flood control berm located between the campus building and Winfield Creek. Project included a total of 4.4 acres of native wetland, wet prairie and mesic prairie seeding and 11.8 acres woodland native inter-seeding as well as installation of 150 trees and 90 shrubs. Additional improvements included 2,500 linear feet of HMA trail, 1,915 square feet of PCC sidewalk, drainage utilities and fencing near the creek to protect trees and shrub from beavers.

Springbrook Creek No.1 Meander Project, Forest Preserve District of DuPage County – Warrenville, Illinois | Field Superintendent for this \$3.6-million project restoring a more than two mile section of Spring Brook Creek to its historic floodplain condition. Scope of work included creating a new meandering creek channel using multiple stabilization methods and the restoration was completed with native seeding, wetland plugs and plantings of shrubs and trees.



SECTION 5

PROPOSED TOTAL COST



To:	Village of Orland Park	Contact:	Mr. Patrick O'Sullivan
Address:	14700 Ravinia Avenue Orland Park, IL 60462	Phone:	(708) 403-6100
		Email:	
Project Name:	Doctor Marsh Access and Parking	Ref #:	RFP #21-056
Location:	155th Street, Orland Park, Illinois	Date:	10/29/2021
		Estimator:	Tom Foster

DOCTOR MARSH ACCESS AND PARKING - DESIGN/BUILD - PRICE SUMMARY

Item	Description	TOTAL
1.00	DESIGN & PERMITTING	\$ 109,300.00
2.00	TRAIL & PARKING LOT CONSTRUCTION	\$ 409,990.00
3.00	RESTORATION	\$ 47,600.00
4.00	ALTERNATE ITEMS	T.B.D.
BASE BID TOTAL:		\$ 566,890.00

**SEE ITEM #4 FOR ALTERNATE AND CONTINGENCY ITEMS TO BE DETERMINED DURING THE DESIGN PHASE OF THE PROJECT

DOCTOR MARSH ACCESS AND PARKING - DESIGN/BUILD - DETAILED COST BREAKOUT

1.00	DESIGN & PERMITTING	QUANTITY	UNIT	UNIT PRICE	TOTAL
1.10	WETLAND/WATERS/RIPARIAN PERMITTING SERVICES				
1.11	Wetland Services	1.000	LSUM	\$ 20,000.00	\$ 20,000.00
1.12	Floodplain & Stormwater Services	1.000	LSUM	\$ 25,500.00	\$ 25,500.00
1.13	Permitting Fees (SWCD, IDNR-OWR, IEPA)	1.000	LSUM	\$ 15,000.00	\$ 15,000.00
1.20	DESIGN & PERMITTING				
1.21	Project Management & Meetings	1.000	LSUM	\$ 3,000.00	\$ 3,000.00
1.22	Topographic Survey	1.000	LSUM	\$ 15,800.00	\$ 15,800.00
1.23	Site Civil Construction Documents	1.000	LSUM	\$ 8,000.00	\$ 8,000.00
1.24	Tree Identification	1.000	LSUM	\$ 5,000.00	\$ 5,000.00
1.25	Bridge Structural Services	1.000	LSUM	\$ 10,000.00	\$ 10,000.00
1.26	Pavilion Foundation Design	1.000	LSUM	\$ 2,000.00	\$ 2,000.00
1.27	Geotechnical Services	1.000	LSUM	\$ 5,000.00	\$ 5,000.00
SUBTOTAL:					\$ 109,300.00

2.00	TRAIL & PARKING LOT CONSTRUCTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
2.10	EROSION CONTROL				
2.11	Construction Entrance	1.000	EACH	\$ 4,000.00	\$ 4,000.00
2.12	Silt Fence Installation	3,135.000	LF	\$ 2.50	\$ 7,837.50
2.13	Erosion Control Blanket (S75BN)	5,050.000	SY	\$ 2.25	\$ 11,362.50
2.14	Tree Trunk Protection	5.000	EACH	\$ 240.00	\$ 1,200.00
2.15	Ditch Grading & Drainage	1.000	LSUM	\$ 5,500.00	\$ 5,500.00
2.20	DEMOLITION				
2.21	Tree Clearing (Mass)	1.250	ACRE	\$ 4,100.00	\$ 5,125.00
2.22	Tree Clearing (Selective)	2.800	ACRE	\$ 6,800.00	\$ 19,040.00
2.23	Silt Fence Removal	3,185.000	LF	\$ 1.75	\$ 5,573.75
2.30	EXCAVATION & GRADING				
2.31	Mobilization	1.000	LSUM	\$ 12,600.00	\$ 12,600.00
2.32	Construction Layout & As-Built Survey	1.000	LSUM	\$ 6,600.00	\$ 6,600.00
2.33	CCDD Testing & Documentation	1.000	LSUM	\$ 4,000.00	\$ 4,000.00
2.34	Earth Excavation to Disposal	875.000	CY	\$ 43.25	\$ 37,843.75
2.35	Topsoil Excavation & Placement	200.000	CY	\$ 23.00	\$ 4,600.00
2.36	Subgrade Parking & Trail	2,570.000	SY	\$ 1.50	\$ 3,855.00
2.37	Subgrade / Fine Grade Topsoil	5,050.000	SY	\$ 1.50	\$ 7,575.00
2.38	Backfill Trail & Parking Perimeter	2,650.000	LF	\$ 2.75	\$ 7,287.50



To:	Village of Orland Park	Contact:	Mr. Patrick O'Sullivan
Address:	14700 Ravinia Avenue Orland Park, IL 60462	Phone:	(708) 403-6100
		Email:	
Project Name:	Doctor Marsh Access and Parking	Ref #:	RFP #21-056
Location:	155th Street, Orland Park, Illinois	Date:	10/29/2021
		Estimator:	Tom Foster

2.00 TRAIL & PARKING LOT CONSTRUCTION (CONT.)	QUANTITY	UNIT	UNIT PRICE	TOTAL
2.40 PEDESTRIAN BRIDGE				
2.41 Timber Bridge (50' Free Span & 50' On-Grade Boardwalk)	1.000	LSUM	\$ 136,500.00	\$ 136,500.00
2.42 Standard 42" Pedestrian Handrail	1.000	LSUM	\$ 45,900.00	\$ 45,900.00
2.43 Riprap at Bridge Abutments	60.000	TON	\$ 140.00	\$ 8,400.00
2.50 PARKING LOT & TRAIL				
2.51 Parking Lot Aggregate Installation; 12"	1,380.000	SY	\$ 18.00	\$ 24,840.00
2.52 Geo-Textile Fabric Installation	1,380.000	SY	\$ 2.25	\$ 3,105.00
2.53 Trail & Lookout Agg. Base; 8" CA06	1,335.000	SY	\$ 17.00	\$ 22,695.00
2.54 Trail & Lookout Agg. Surface; 4" Limestone Screening	1,225.000	SY	\$ 10.00	\$ 12,250.00
2.55 Bituminous Apron @ Roadway	60.000	SY	\$ 75.00	\$ 4,500.00
2.56 Site Signage Allowance	1.000	LSUM	\$ 3,000.00	\$ 3,000.00
2.57 Park Benches	2.000	EACH	\$ 2,400.00	\$ 4,800.00
SUBTOTAL:				\$ 409,990.00

3.00 RESTORATION	QUANTITY	UNIT	UNIT PRICE	TOTAL
3.10 LANDSCAPE SEEDING				
3.11 Native Seeding (Buffer Restoration)	1.000	ACRE	\$ 6,800.00	\$ 6,800.00
3.12 Native Seeding (Woodland)	3.000	ACRE	\$ 2,700.00	\$ 8,100.00
3.20 NATIVE AREAS STEWARDSHIP				
3.21 Chemical & Mechanical Weed Control (4AC)	3.000	YEAR	\$ 4,500.00	\$ 13,500.00
3.22 Site Monitoring & Reporting	3.000	YEAR	\$ 6,400.00	\$ 19,200.00
SUBTOTAL:				\$ 47,600.00

4.00 ALTERNATE ITEMS	QUANTITY	UNIT	UNIT PRICE	TOTAL
4.10 BRIDGE ALTERNATE				
4.11 PCC Abutments & Approach Slab	1.000	LSUM	\$ 68,300.00	\$ 68,300.00
4.12 Piling Contractor Mobilization	1.000	LSUM	\$ 34,700.00	\$ 34,700.00
4.13 Metal Shell Pile Installation	240.000	LF	\$ 260.00	\$ 62,400.00
4.14 PCC Bridge Decking Complete	1.000	LSUM	\$ 21,000.00	\$ 21,000.00
4.15 Steel Pedestrian Bridge Supply (8' Width 100' Length)	1.000	LSUM	\$ 136,500.00	\$ 136,500.00
4.16 STEEL Pedestrian Bridge Supply (10' Width 100' Length)	1.000	LSUM	\$ 151,400.00	\$ 151,400.00
4.17 Pedestrian Bridge Installation	1.000	LSUM	\$ 30,000.00	\$ 30,000.00
4.20 LANDSCAPE PLANTING				
4.21 Native Plug Planting (1ACRE @ 3500/AC)	3,500.000	EACH	\$ 4.50	\$ 15,750.00
4.22 Native Tree Installation (1.25")	100.000	EACH	\$ 295.00	\$ 29,500.00
4.23 Native Shrub Installation (3 GAL)	225.000	EACH	\$ 61.00	\$ 13,725.00
4.24 Plant Plug Irrigation	1.000	LSUM	\$ 7,500.00	\$ 7,500.00
3.21 Planting Areas Weed Control	3.000	YEAR	\$ 1,600.00	\$ 4,800.00
4.30 PARKING, TRAIL & BRIDGE UPGRADES				
4.31 Parking Lot Bit. Binder Course; 2.75"	1,380.000	SY	\$ 22.00	\$ 30,360.00
4.32 Parking Lot Bit. Surface Course; 2.00"	1,380.000	SY	\$ 21.00	\$ 28,980.00
4.33 Trail Bit. Surface Course; 2.00"	1,335.000	SY	\$ 28.00	\$ 37,380.00
4.34 Substitute Boardwalk for Gravel Trail	200.000	LF	\$ 630.00	\$ 126,000.00
4.35 ADD Handrail @ Boardwalk	400.000	LF	\$ 230.00	\$ 92,000.00
4.36 Composite Decking for Base Bid Timber Bridge	1.000	LSUM	\$ 19,700.00	\$ 19,700.00
4.37 Composite Decking for Alternate Boardwalk	200.000	LF	\$ 200.00	\$ 40,000.00



To:	Village of Orland Park	Contact:	Mr. Patrick O'Sullivan
Address:	14700 Ravinia Avenue Orland Park, IL 60462	Phone:	(708) 403-6100
		Email:	
Project Name:	Doctor Marsh Access and Parking	Ref #:	RFP #21-056
Location:	155th Street, Orland Park, Illinois	Date:	10/29/2021
		Estimator:	Tom Foster

4.00 ALTERNATE ITEMS (CONT.)	QUANTITY	UNIT	UNIT PRICE	TOTAL
4.40 SITE AMENITIES				
4.41 Furnish ICON Shelters Bird Watching Station	1.000	EACH	\$ 39,500.00	\$ 39,500.00
4.42 Install ICON Shelters Station W/ PCC Pad	1.000	LSUM	\$ 19,250.00	\$ 19,250.00
4.43 Furnish #DVARNC All Weather Binocular W/ Freight	1.000	LSUM	\$ 9,300.00	\$ 9,300.00
4.44 Furnish #20XNC All Weather Binocular W/ Freight	1.000	LSUM	\$ 5,400.00	\$ 5,400.00
4.45 Installation for All Weather Binocular	1.000	EACH	\$ 1,300.00	\$ 1,300.00
4.50 CONTINGENCY ITEMS				
4.51 Additional Soil Disposal Due to Grading Constraints	500.000	CY	\$ 43.25	\$ 21,625.00
4.52 Parking Lot / Trail Undercut W/ Backfill (50% @ 18")	645.000	CY	\$ 94.25	\$ 60,791.25
4.53 Biaxial Geogrid Installation (Parking)	1,380.000	SY	\$ 6.75	\$ 9,315.00



SECTION 6

REQUIRED FORMS

PROPOSAL SUMMARY SHEET
RFP #21-056
Doctor Marsh Parking Lot and Nature Trail

Business Name: V3 Companies, Ltd.

Street Address: 7325 Janes Avenue

City, State, Zip: Woodridge, Illinois 60517

Contact Name: Mike Famiglietti, P.E.

Title: Vice President

Phone: 630.729.6223 Fax: 630.724.9202

E-Mail address: mfamiglietti@v3co.com

Price Proposal

PROPOSAL TOTAL \$ 566,890.00

AUTHORIZATION & SIGNATURE

Name of Authorized Signee: Mike Famiglietti, P.E.

Signature of Authorized Signee: 

Title: Vice President Date: 10/29/2021

 **ORLAND PARK**
CERTIFICATE OF COMPLIANCE

The undersigned Mike Famiglietti, P.E., as President
(Enter Name of Person Making Certification) (Enter Title of Person Making Certification)

and on behalf of V3 Construction Group, Ltd., certifies that:
(Enter Name of Business Organization)

1) BUSINESS ORGANIZATION:

The Proposer is authorized to do business in Illinois: Yes No []

Federal Employer I.D.#: 36-4152156
(or Social Security # if a sole proprietor or individual)

The form of business organization of the Proposer is (*check one*):

- Sole Proprietor
- Independent Contractor (*Individual*)
- Partnership
- LLC
- Corporation Illinois 03/25/1997
(State of Incorporation) (Date of Incorporation)

2) ELIGIBILITY TO ENTER INTO PUBLIC CONTRACTS: Yes No []

The Proposer is eligible to enter into public contracts, and 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 of any similar offense of "Bid-rigging" or "Bid-rotating" of any state or of the United States.

3) SEXUAL HARASSMENT POLICY: Yes No []

Please be advised that Public Act 87-1257, effective July 1, 1993, 775 ILCS 5/2-105 (A) has been amended to provide that every party to a public contract must have a written sexual harassment policy in place in full compliance with 775 ILCS 5/2-105 (A) (4) and includes, at a minimum, the following information: (I) the illegality of sexual harassment; (II) the definition of sexual harassment under State law; (III) a description of sexual harassment, utilizing examples; (IV) the vendor's internal complaint process including penalties; (V) the legal recourse, investigative and complaint process available through the Department of Human Rights (the "Department") and the Human Rights Commission (the "Commission"); (VI) directions on how to contact the Department and Commission; and (VII) protection against retaliation as provided by Section 6-101 of the Act. (Illinois Human Rights Act). (emphasis added). Pursuant to 775 ILCS 5/1-103 (M) (2002), a "public contract" includes "...every contract to which the State, any of its political subdivisions or any municipal corporation is a party."

4) EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE: Yes No []

During the performance of this Project, Proposer agrees to comply with the "Illinois Human Rights Act", 775 ILCS Title 5 and the Rules and Regulations of the Illinois Department of Human Rights published at 44 Illinois Administrative Code Section 750, et seq. The

Proposer shall: (I) not discriminate against any employee or applicant for employment because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (II) examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization; (III) ensure 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 because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (IV) 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 Vendor's obligations under the Illinois Human Rights Act and Department's Rules and Regulations for Public Contract; (V) submit reports as required by the Department's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts; (VI) permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts; and (VII) include verbatim or by reference the provisions of this Equal Employment Opportunity Clause in every subcontract it awards under which any portion of this Agreement obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this Agreement, the Proposer will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the Proposer will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations. Subcontract" means any agreement, arrangement or understanding, written or otherwise, between the Proposer and any person under which any portion of the Proposer's obligations under one or more public contracts is performed, undertaken or assumed; the term "subcontract", however, shall not include any agreement, arrangement or understanding in which the parties stand in the relationship of an employer and an employee, or between a Proposer or other organization and its customers. In the event of the Proposer's noncompliance with any provision of this Equal Employment Opportunity Clause, the Illinois Human Right Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights the Proposer may be declared non-responsible and therefore ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and this agreement may be canceled or avoided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulation.

5) **PREVAILING WAGE COMPLIANCE:** Yes No []

In the manner and to the extent required by law, this contract is subject to the Illinois Prevailing Wage Act and to all laws governing the payment of wages to laborers, workers and mechanics of Contractor or any subcontractor of the Contractor bound to this agreement who is performing services covered by this contract. If awarded the Contract, per 820 ILCS 130 et seq. as amended, Contractor shall pay not less than the prevailing hourly rate of wages, the generally prevailing rate of hourly wages for legal holiday and overtime work, and the prevailing hourly rate for welfare and other benefits as determined by the Illinois Department of Labor or the Village and as set forth in the schedule of prevailing wages for this contract to all laborers, workers and mechanics performing work under this contract (available at <http://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx>).

The undersigned Proposer further stipulates and certifies that it has maintained a satisfactory record of Prevailing Wage Act compliance with no significant Prevailing Wage Act violations for the past three (3) years.

Certified Payroll. The Illinois Prevailing Wage Act requires any contractor and each subcontractor who participates in public works to file with the Illinois Department of Labor (IDOL) certified payroll for those calendar months during which work on a public works project has occurred. The Act requires certified payroll to be filed with IDOL no later than the 15th day of each calendar month for the immediately preceding month through the Illinois Prevailing Wage Portal—an electronic database IDOL has established for collecting and retaining certified payroll. The Portal may be accessed using this link: <https://www2.illinois.gov/idol/Laws-Rules/CONMED/Pages/certifiedtranscriptofpayroll.aspx>. The Village reserves the right to withhold payment due to Contractor until Contractor and its subcontractors display compliance with this provision of the Act.

6) **PARTICIPATION IN APPRENTICESHIP AND TRAINING PROGRAM:** Yes [] No

Contractor participates in apprenticeship and training programs applicable to the work to be performed on the project, which are approved by and registered with the United States Department of Labor's Office of Apprenticeship.

Name of A&T Program: _____

Brief Description of Program: _____

7) **TAX CERTIFICATION:** Yes No []

Contractor is current in the payment of any tax administered by the Illinois Department of Revenue, or if it is: (a) it is contesting its liability for the tax or the amount of tax in accordance with procedures established by the appropriate Revenue Act; or (b) it has entered into an agreement with the Department of Revenue for payment of all taxes due and is currently in compliance with that agreement.

8) AUTHORIZATION & SIGNATURE:

I certify that I am authorized to execute this Certificate of Compliance on behalf of the Contractor set forth on the Proposal, that I have personal knowledge of all the information set forth herein and that all statements, representations, that the Proposal is genuine and not collusive, and information provided in or with this Certificate are true and accurate. The undersigned, having become familiar with the Project specified, proposes to provide and furnish all of the labor, materials, necessary tools, expendable equipment and all utility and transportation services necessary to perform and complete in a workmanlike manner all of the work required for the Project.

ACKNOWLEDGED AND AGREED TO:



Signature of Authorized Officer

Mike Famiglietti, P.E.

Name of Authorized Officer

Vice President

Title

10/28/2021

Date

REFERENCES

Provide three (3) references for which your organization has performed similar work.

Bidder's Name: V3 Companies, Ltd.

(Enter Name of Business Organization)

- | | |
|-----------------|--|
| 1. ORGANIZATION | <u>Lake County Forest Preserves</u> |
| ADDRESS | <u>1899 West Winchester Road, Libertyville, Illinois 60048</u> |
| PHONE NUMBER | <u>847.367.6640</u> |
| CONTACT PERSON | <u>Michael Haug</u> |
| YEAR OF PROJECT | <u>2020</u> |
| 2. ORGANIZATION | <u>Forest Preserve District of DuPage County</u> |
| ADDRESS | <u>3S580 Naperville Road, Wheaton, Illinois 60189</u> |
| PHONE NUMBER | <u>630.726.6984</u> |
| CONTACT PERSON | <u>Erik Neidy</u> |
| YEAR OF PROJECT | <u>2018</u> |
| 3. ORGANIZATION | <u>Wheaton Park District</u> |
| ADDRESS | <u>855 W. Prairie Avenue, Wheaton, Illinois 60187</u> |
| PHONE NUMBER | <u>630.665.4710</u> |
| CONTACT PERSON | <u>Rob Sperl</u> |
| YEAR OF PROJECT | <u>2017</u> |



INSURANCE REQUIREMENTS

Please submit a policy Specimen Certificate of Insurance showing current coverage's

WORKERS' COMPENSATION & EMPLOYER LIABILITY

Full Statutory Limits - Employers Liability
\$500,000 – Each Accident \$500,000 – Each Employee
\$500,000 – Policy Limit
Waiver of Subrogation in favor of the Village of Orland Park

AUTOMOBILE LIABILITY (ISO Form CA 0001)

\$1,000,000 – Combined Single Limit Per Occurrence
Bodily Injury & Property Damage

GENERAL LIABILITY (Occurrence basis) (ISO Form CG 0001)

\$1,000,000 – Combined Single Limit Per Occurrence
Bodily Injury & Property Damage
\$2,000,000 – General Aggregate Limit
\$1,000,000 – Personal & Advertising Injury
\$2,000,000 – Products/Completed Operations Aggregate

Additional Insured Endorsements: ISO CG 20 10 or CG 20 26 and CG 20 01 Primary & Non-Contributory
Waiver of Subrogation in favor of the Village of Orland Park

Please provide the following coverage, if box is checked:

PROFESSIONAL LIABILITY

\$1,000,000 Limit - Claims Made Form, Indicate Retroactive Date
Deductible not-to-exceed \$50,000 without prior written approval

UMBRELLA LIABILITY (Follow Form Policy)

\$2,000,000 – Each Occurrence \$2,000,000 – Aggregate
EXCESS MUST COVER: General Liability, Automobile Liability, Employers' Liability

UMBRELLA/EXCESS PROFESSIONAL LIABILITY

\$1,000,000 Limit – Claims Made Form, Indicate Retroactive Date
Deductible not-to-exceed \$50,000 without prior written approval

BUILDERS RISK

Completed Property Full Replacement Cost Limits -
Structures under construction

ENVIRONMENTAL IMPAIRMENT/POLLUTION LIABILITY

\$1,000,000 Limit for bodily injury, property damage and remediation costs
resulting from a pollution incident at, on or mitigating beyond the job site

CYBER LIABILITY

\$1,000,000 Limit per Data Breach for liability, notification, response,
credit monitoring service costs, and software/property damage

Any insurance policies providing the coverages required of the Consultant, excluding Professional Liability, shall be specifically endorsed to identify **"The Village of Orland Park, and their respective officers, trustees, directors, officials, employees, volunteers and agents as Additional Insureds on a primary/non-contributory basis with respect to all claims arising out of operations by or on behalf of the named insured."** The required Additional Insured coverage shall be provided on the Insurance Service Office (ISO) CG 20 10 or CG 20 26 endorsements or an endorsement at least as broad as the above noted endorsements as determined by the

Village of Orland Park. Any Village of Orland Park insurance coverage shall be deemed to be on an excess or contingent basis as confirmed by the required (ISO) CG 20 01 Additional Insured Primary & Non-Contributory Endorsement. The policies shall also contain a Waiver of Subrogation in favor of the Additional Insureds in regard to General Liability and Workers' Compensation coverage. The certificate of insurance shall also state this information on its face. Any insurance company providing coverage must hold an A-, VII rating according to Best's Key Rating Guide. Each insurance policy required shall have the Village of Orland Park expressly endorsed onto the policy as a Cancellation Notice Recipient. Should any of the policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions. Permitting the contractor, or any subcontractor, to proceed with any work prior to our receipt of the foregoing certificate and endorsements shall not be a waiver of the contractor's obligation to provide all the above insurance.

Consultant agrees that prior to any commencement of work to furnish evidence of Insurance coverage providing for at minimum the coverages, endorsements and limits described above directly to the Village of Orland Park, Nicole Merced, Management Analyst, 14700 S. Ravinia Avenue, Orland Park, IL 60462. Failure to provide this evidence in the time frame specified and prior to beginning of work may result in the termination of the Village's relationship with the contractor.

ACCEPTED & AGREED ON 10/29/2021



Signature

Michael Famiglietti

Printed Name

Vice President

Title

Authorized to execute agreements for:

V3 Companies, Ltd.

Name of Company

Note: Sample Certificate of Insurance and Additional Insured Endorsements attached.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
Date of Completion

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Agent/Broker Name & Address	CONTACT NAME: This section must be completed	
	PHONE (A/C, No, Ext):	FAX (A/C, No):
INSURED Vendor/Organization Name & Address	E-MAIL ADDRESS:	
	PRODUCER CUSTOMER ID #:	
	INSURER(S) AFFORDING COVERAGE	
	NAIC #	
	INSURER A :	
	INSURER B :	
INSURER C :		
INSURER D :		
INSURER E :		
INSURER F :		

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY						
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE \$ 1,000,000
	CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR	Y	Y	Policy No.	Eff. Date	Exp. Date	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						MED EXP (Any one person) \$ 5,000
	POLICY PRO-JECT LOC						PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
							\$
	AUTOMOBILE LIABILITY						
	<input checked="" type="checkbox"/> ANY AUTO OR						COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per person) \$
	<input checked="" type="checkbox"/> SCHEDULED AUTOS						BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS						PROPERTY DAMAGE (Per accident) \$
	<input checked="" type="checkbox"/> NON-OWNED AUTOS						\$
							\$
	UMBRELLA LIAB						
	<input checked="" type="checkbox"/> OCCUR	Y	Y	Policy No.	Eff. Date	Exp. Date	EACH OCCURRENCE \$ 2,000,000
	EXCESS LIAB						AGGREGATE \$ 2,000,000
	CLAIMS-MADE						\$
	DEDUCTIBLE						\$
	RETENTION \$						\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y/N	N/A	Y	Policy No.	Eff. Date	<input checked="" type="checkbox"/> WC STATUTORY LIMITS OTH-ER
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. EACH ACCIDENT \$ 500,000
							E.L. DISEASE - EA EMPLOYEE \$ 500,000
							E.L. DISEASE - POLICY LIMIT \$ 500,000
	Liquor Liability**			Policy No.	Eff. Date	Exp. Date	\$1,000,000
	Property		Y	Policy No.	Eff. Date	Exp. Date	\$Replacement Cost

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 RE: Event & Dates. ADDITIONAL INSURED with respect to General Liability on a Primary & Non-Contributory basis: Village of Orland Park, its related entities and each of their respective officers, directors, employees and agents. WAIVER OF SUBROGATION applies to General Liability, Workers Compensation & Property coverages. **Required if selling and/or serving alcohol; if applicable, the policy shall list Village of Orland Park & its related entities as the Named Insureds. Alternatively, an existing Liquor Liability policy must extend coverage to your operations at the Event, and shall name Village of Orland Park, its related entities and their respective officers, directors, employees & agents as Primary & Non-Contributory Additional Insureds.

CERTIFICATE HOLDER**CANCELLATION**

Village of Orland Park 14700 Ravinia Avenue Orland Park, IL 60462	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE
	This section is to be completed.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – SCHEDULED PERSON OR
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location(s) Of Covered Operations
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s)
SAMPLE

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

- A.** In the performance of your ongoing operations; or
- B.** In connection with your premises owned by or rented to you.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY – OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to the **Other Insurance** Condition and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

(1) The additional insured is a Named Insured under such other insurance; and

(2) You have agreed in writing in a contract or agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

SPECIMEN

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – AUTOMATIC STATUS WHEN REQUIRED IN CONSTRUCTION AGREEMENT WITH YOU

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Section II – Who Is An Insured is amended to include as an additional insured any person or organization for whom you are performing operations when you and such person or organization have agreed in writing in a contract or agreement that such person or organization be added as an additional insured on your policy. Such person or organization is an additional insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

- 1. Your acts or omissions; or
- 2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured.

However, the insurance afforded to such additional insured:

- 1. Only applies to the extent permitted by law; and
- 2. Will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

A person's or organization's status as an additional insured under this endorsement ends when your operations for that additional insured are completed.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to:

- 1. "Bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering of, or the failure to render,

any professional architectural, engineering or surveying services, including:

- a. The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
- b. Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of or the failure to render any professional architectural, engineering or surveying services.

- 2. "Bodily injury" or "property damage" occurring after:

- a. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
- b. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location And Description Of Completed Operations
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".



PROOF OF INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/28/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).


PRODUCER Willis Towers Watson Midwest, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	CONTACT NAME: Willis Towers Watson Certificate Center PHONE (A/C, No, Ext): 1-877-945-7378 FAX (A/C, No): 1-888-467-2378 E-MAIL ADDRESS: certificates@willis.com	
	INSURER(S) AFFORDING COVERAGE INSURER A: Continental Insurance Company NAIC# 35289 INSURER B: National Fire Insurance Company of Hartford 20478 INSURER C: Berkley Insurance Company 32603 INSURER D: INSURER E: INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** W19541494 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		6045653373	01/01/2021	01/01/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		6045653390	01/01/2021	01/01/2022	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) if yes, describe under DESCRIPTION OF OPERATIONS below	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	6045653423	01/01/2021	01/01/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
C	Professional Liability		AEC-9041558-05	01/01/2021	01/01/2022	Per Claim: \$5,000,000 Aggregate: \$10,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER Sample	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 



PROOF OF INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/13/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER DSP Insurance Services, Inc. 1900 E Golf Rd Suite 650 Schaumburg IL 60173	CONTACT NAME: Marie Vera	
	PHONE (A/C, No, Ext): (847) 934-6100	FAX (A/C, No): (847) 934-6186
E-MAIL ADDRESS: mvera@dspins.com		
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: National Fire Insurance Compan		20478
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

INSURED
V3 Companies Ltd.
V3 Companies of Illinois Ltd.
7325 Janes Avenue
Suite 100
Woodridge IL 60517

COVERAGES **CERTIFICATE NUMBER:** Cert ID 32018 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY			7011433078	10/26/2021	10/26/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
							\$
							\$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Sample Certificate - proof of insurance

CERTIFICATE HOLDER SAMPLE	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE



SECTION 7

BID BOND



Document A310™ - 2010

Bid Bond

CONTRACTOR:

(Name, legal status and address)
V3 Companies, LTD
7325 Janes Avenue
Woodridge, IL 60517

SURETY:

(Name, legal status and principal place of business)
Washington International Insurance Company: New Hampshire Corporation
1450 American Lane, Suite 1100
Schaumburg, IL 60173

OWNER:

(Name, legal status and address)
Village of Orland Park
14700 South Ravinia Avenue
Orland Park, Illinois 60462

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

BOND AMOUNT: Ten Percent of the Amount of Bid----- (--10%--)

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

PROJECT:

(Name, location or address, and Project number, if any)
Doctor Marsh Parking Lot and Nature Trail Design/Build

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 29th day of October, 2021.

(Witness)

V3 Companies, LTD

(Principal)

(Title)

Washington International Insurance Company

(Surety)

(Title)Christine Eitel, Attorney In Fact

(Seal)

V3 PRESIDENT

(Seal)

See Attached Jurat

(Witness)

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

Init.

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Surety Company Acknowledgement

STATE OF **ILLINOIS**
COUNTY OF **COOK** SS:

On this 29th day of OCTOBER, 2021 before me personally appeared Christine Eitel, to me known, who, being by me duly sworn, did depose and say: that (s)he resides at **Schaumburg, Illinois**, that (s)he is the **Attorney in Fact** of Washington International Insurance Company, the corporation described in and which executed the annexed instrument; that (s)he knows the corporate seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation; that (s)he signed his/her name thereto by like order; and that the liabilities of said corporation do not exceed its assets as ascertained in the manner provided by law.

Samantha Bradtke

Notary Public in and for the above County and State

My Commission Expires: 06/23/25



SWISS RE CORPORATE SOLUTIONS

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT North American Specialty Insurance Company, a corporation duly organized and existing under laws of the State of New Hampshire, and having its principal office in the City of Kansas City, Missouri, and Washington International Insurance Company, a corporation organized and existing under the laws of the State of New Hampshire and having its principal office in the City of Kansas City, Missouri, each does hereby make, constitute and appoint:

J.S. POHL, ROBERT B. SCHUTZ, JAMES L. SULKOWSKI, CAROL A. DOUGHERTY, SHERENE L. HEMLER, MIKE POHL, JOHN E. ADAMS, GERALD C. OLSON
ROBERT W. MIELKE, KIRK LISKIEWITZ, COURTNEY A. FLASKA, SAMANTHA BRADTKE, BRIEN T. SPODEN, LUCIANNE BISCHOFF and CHRISTINE EITEL

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:
FIFTY MILLION (\$50,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both North American Specialty Insurance Company and Washington International Insurance Company at meetings duly called and held on the 9th of May, 2012:

RESOLVED, that any two of the Presidents, any Managing Director, any Senior Vice President, any Vice President, any Assistant Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By [Signature]
Steven P. Anderson, Senior Vice President of Washington International Insurance Company
& Senior Vice President of North American Specialty Insurance Company



By [Signature]
Michael A. Ito, Senior Vice President of Washington International Insurance Company
& Senior Vice President of North American Specialty Insurance Company

IN WITNESS WHEREOF, North American Specialty Insurance Company and Washington International Insurance Company have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 8th day of APRIL, 2019.

North American Specialty Insurance Company
Washington International Insurance Company

State of Illinois
County of Cook ss:

On this 8th day of APRIL, 2019, before me, a Notary Public personally appeared Steven P. Anderson, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and Michael A. Ito, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



[Signature]
M. Kenny, Notary Public

I, Jeffrey Goldberg, the duly elected Assistant Secretary of North American Specialty Insurance Company and Washington International Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said North American Specialty Insurance Company and Washington International Insurance Company, which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 29th day of October, 2021.

[Signature]
Jeffrey Goldberg, Vice President & Assistant Secretary of
Washington International Insurance Company & North American Specialty Insurance Company

We live with and manage our design solutions for the long run, thereby making our designs better through active engagement in the construction and maintenance process.



THE VISION TO TRANSFORM WITH EXCELLENCE