TERRA ENGINEERING LTD.

April 10, 2026

Christopher Welch, PE
Assistant Village Engineer
Village of Oak Park
201 South Boulevard
Oak Park, IL 60302
Christopher.Welch@oak-park.us
708.358.5724

Re: Chicago Avenue Streetscape – Phase I/II Engineering
Village of Oak Park – Chicago Avenue between Harlem Ave and Austin Ave
Proposal for Professional Services

Dear Chris,

Enclosed is our proposal for Professional Services to the Village of Oak Park (the Village) for the Chicago Avenue Streetscape project. Our proposal is based on your request for proposal, our subsequent conversations, including the scope kickoff meeting on March 31, 2026, documentation provided to date, our research to date of the project, and our understanding of the codes, ordinances, and requirements in effect as of this date. We understand the Village will be contracting directly with Planning Resources, Inc. (PRI) as the Landscape Architect of Record for the Dr. Percy Julian Streetscape scope of work and TERRA will coordinate their planning and design efforts into a comprehensive bid package.

We also anticipate the project to be executed in two separate final engineering and construction phases, generally broken down into the below scopes of work. The detail scope delineation between phases will be finalized during the 30% Concept Design phase. See Figure 1 and the Detailed Scope of Work for additional information.

Phase 1 – Safety Improvements: Protected bike lanes west of Ridgeland Avenue along with potential intersection alignment modifications at East Avenue. Will also include signal modernizations at the Kenilworth, Marion, Oak Park Avenue, and Ridgeland intersections.

Phase 2 – Dr. Percy Julian Streetscape: Streetscape improvements and any safety improvements recommended during Pre-Design from East Avenue to Austin Blvd. Work will also include strategic water main replacement in areas of proposed streetscape improvements.

Within our proposal we have included a Detailed Scope of Work and Anticipated Deliverables based on our understanding of the project and the Village's expectations. Immediately below is a brief list of the scope tasks and anticipated deliverables. Also included is an anticipated project schedule and our fee to accomplish the scope of work.

List of Scope Tasks
Task 1 – Pre-Design: Topographic & Boundary Survey, Geotechnical & Environmental
Task 2 – Safety Study
Task 3 – Public Engagement
Task 4 – Streetscape Design
Task 5 – Roadway Engineering
Task 6 – Water/Sewer Engineering
Task 7 – Traffic Signal Engineering
Task 8 – Lighting & Electrical Engineering
Task 9 – Project Management & Administration
Task 10 – QA/QC

List of Anticipated Deliverables
30% Concept Design – Phase 1 & 2 Combined
60% PS&E – Phase 1 & 2 Combined
90% PS&E – Phase 1 Only
100% PS&E/Issue for Bid – Phase 1 Only

DETAILED SCOPE OF WORK

The Scope of Work will consist of the visioning, design, and engineering for streetscape, Vision Zero, and utility upgrades to Chicago Avenue between Harlem Avenue and Austin Avenue, a total length of approximately 1.5 miles. The project will include pre-design data collection including, survey, geotechnical and environmental data to serve as the basis of design. A safety study will be performed to understand the current safety conditions of the corridor and provide recommendations to compare with the Vision Zero plan.

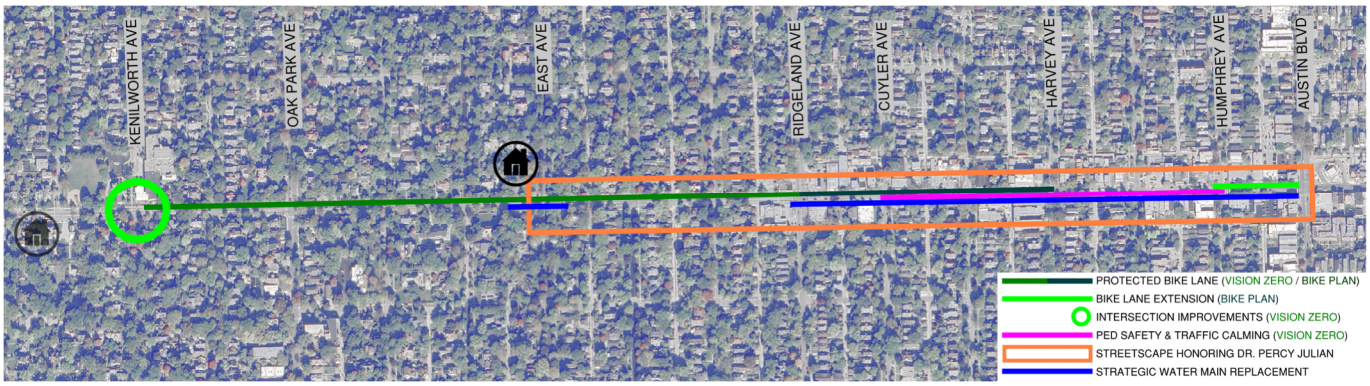

Figure 1 – Project Limits

The project will also include a thorough public engagement campaign to understand, identify, and outline the community's vision for the project in total. The community's vision will be integrated into the final design of the project.

The proposed design elements include new protected bike lanes, intersection upgrades including sidewalk curb ramps and traffic calming measures; pedestrian upgrades, traffic signal and lighting upgrades; landscaping elements including planting, pavers, street furniture, wayfinding and signage; and water and sewer upgrades.

Task 1 Pre-Design

A. Topographic & Boundary Survey
   i. Complete topographic survey for the full right-of-way of Chicago Avenue from Kenilworth Avenue to Austin Avenue and Marion Avenue intersection (1.10 miles). The survey will include the first 100 feet of non-signalized intersecting streets and 200 feet of signalized intersecting streets. The total survey length is 10,780 feet or 2.04 miles. See Figure 2 for survey extents.
   ii. Initiate the J.U.L.I.E. design stage request and coordinate with utility companies to solicit utility atlas records of the area.
   iii. Reference elevations to the Village of Oak Park Datum. Village of Oak Park benchmarks used for the survey will be noted, and nine vertically stable site benchmarks will be set at approximately 100-foot intervals along Chicago Avenue.
   iv. Include spot elevations at 50-foot intervals at center of street, back of curb, edge of pavement, front and back of sidewalk and property line.
   v. Include spot elevations at 5-foot intervals, 25 feet in each direction, of publicly accessible curb ramps at street corners and pedestrian crossings.
   vi. Plot location of pavement markings (ie, lane striping, stop bars, crosswalks).
   vii. Locate visible improvements and location of trees and large shrubs 4" dia. And larger. Visible utilities will be located, rim and invert elevations, along with pipe size and direction will be shown. Per OSHA regulations, survey personnel will not enter confined space. Survey will be performed from ground level.
   viii. Project deliverables to include AutoCAD basemapping, site photos with photo logs, field notes and ascii point files.

Figure 2 – Topographic Survey Extents

B. Geotechnical Engineering
   i. Coordinate and lay out boring locations and coordinate utility clearance with the State of Illinois One Call system (JULIE).
   ii. Coordinate drilling program with environmental.
   iii. Perform a total of fourteen (14) pavement cores along Chicago Avenue, one per block between Kenilworth and Austin, to the existing subgrade depth.
   iv. Perform a total of twelve (12) roadway soil borings for the proposed water main replacement spaced out approximately 300 feet to a depth of 13 feet below ground.
   v. Prepare field logs with the results of field testing and visual descriptions of the soils and retain soil samples from each boring for analysis.
   vi. Perform a laboratory investigation to determine physical characteristics of the soils and prepare a summary geotechnical report based on the results.

C. Environmental Engineering
   i. Preliminary Environmental Site Assessment to be performed including Historical Records Review, Environmental Regulatory Records Review, Site Reconnaissance culminating in a summary report.
   ii. Soil Assessment of fourteen (14) borings in the project area to analyze the samples for impact to Maximum Allowable Concentrations values as referenced in CCDD regulations.
   iii. All field screening data and laboratory results compiled in PSI report to document the investigation findings.

Task 2 Safety Study

A. The Village will provide the most recent five years of available crash and traffic data. TERRA will supplement this information with additional data obtained from IDOT or other resources, as needed.
B. Perform up to two (2) site visits to visually determine existing conditions including pedestrian and bicycle volumes, crossing patterns, and desire lines.
C. Set up and install traffic count cameras for data collection. Monitor and process data obtained.
D. Conduct two (2) weekday (Tuesday-Thursday) and one (1) weekend (Saturday-Sunday) field visit of the project area at various intervals to determine how parking is used withing the corridor and adjacent streets. TERRA staff will walk the project area in the morning, midday, afternoon, and evening at a minimum to determine how the usage of traffic varies at different times throughout the day. This will include evaluating the usage of parking along Chicago Avenue as well as adjacent side streets, plus the estimated utilization of parking. This work will include taking pictures to document parking usage.
E. Evaluate recommended strategies from the Oak Park Vision Zero Action Plan and the updated Oak Park Bike Plan for feasibility and determine potential alternative strategies where appropriate. All strategies will be ADA, MUTCD, and NACTO compliant. A refined set of final recommendations will be developed. TERRA will also assess the parking impacts associated with the final recommendations, including changes to on-street supply, utilization, and access.
F. Prepare a comprehensive Safety Study report that documents existing conditions, crash trends, key safety challenges, and identifies prioritized improvement strategies to be incorporated into the roadway and streetscape design.

Task 3 Public Engagement

A. Goals for the Public Engagement Program
   i. The engagement program for the Village of Oak Park will work on **Informing** stakeholders early and often about project scope, schedule, and impacts, **Listening** to concerns and ideas from businesses, residents, visitors, and property owners, **Incorporating feedback** into design and construction coordination where feasible, **Minimizing disruption** to businesses and mobility during construction, **Building community buy-in** for the project outcomes.

B. Public Engagement is a vital throughline that will extend and connect each phase of the project.
   i. Project Kickoff and Visioning - Meetings anticipated for summer 2026, fall 2026 and spring 2027.
      a. Community Open House Meetings – Organize, promote and facilitate three (3) in-person community meetings with residents who live in single family and multi-unit buildings on Chicago Avenue and in neighborhoods adjacent to Chicago Avenue.
      b. Stakeholder meetings – Organize, promote and facilitate three (3) in-person meetings with community institutions and organizations, including but not limited to leadership at churches and schools on or adjacent to Chicago Avenue.
      c. Business District Engagement Meetings – Organize, promote and facilitate three (3) in person meetings with businesses and economic/community/tourism assets on or adjacent to Chicago Avenue.
   ii. Village Meetings
      a. Transportation Commission Meetings – present findings and recommendations to the Commission at 2-3 meetings in the later summer and early fall 2026.
      b. Board Meetings – The findings from the public engagement phase will inform the recommendations provided for a Village Board meeting in fall 2026.

C. Communication Tools
   i. Develop a working brand identity for the project that would be attached and visible to all engagement and outreach strategies and tactics.
   ii. Manage and implement ongoing outreach to and two-way communication with residents, stakeholders, and businesses on and adjacent to Chicago Avenue.
   iii. Develop and produce collateral and information materials regarding the project and for engagement meetings.
   iv. Design, develop and manage the administration of a project website provides real time information about the project's status, including:
      a. Project Overview
      b. Design renderings
      c. Maps and phasing
      d. Construction schedule
      e. Contact forms
      f. Frequently Asked Questions (FAQs)
   v. Coordinate with Village communications staff to use Engage Oak Park website as a messaging tool.

D. Our public engagement process will be guided by principles of Transparency, Two-way dialogue, Consistency, and Responsiveness.

Task 4 Streetscape Design

A. The streetscape plan is based on the Phase I Conceptual Design lead by PRI. PRI will direct the aesthetic design element of the plan to include but not be limited to Dr. Percy Julian branded wayfinding, interpretive elements of the Dr. Julian legacy and landscape enhancements at key areas along the corridor from Austing Blvd to East Avenue. PRI Inc. scope will include the selection of street furnishings to be incorporated into the plan by TERRA and decorative paving patterns where Dr. Julian branding is included. PRI will provide wayfinding kiosk design and details and all storytelling and wording for all signage related to Dr. Julian.

B. Provide assessment of the exiting streetscape conditions and coordination with the Village forester for tree preservation and construction issues. TERRA will provided detailed raised curb details for the planters in the commercial areas that have been compromised by tree growth.

C. Work with PRI to translate the paving patterns into constructable paving cross sections

D. Provide street light selection in coordination with VOP engineering and assessment of any modification and allowances to existing poles for additional elements such as signs and banners.
E. Review proposed streetscape planned design elements for line of sight and roadway standards and provided QA/QC for streetscape, roadway and PROWAG requirements.
F. Prepare Preliminary and Final Design plans and specifications with supplemental plan sheets provided by PRI.

Task 5 Roadway Engineering

A. Document the roadway characteristics (functional classification, ADT, posted speed) proposed design criteria (design speed, horizontal and vertical alignment criteria, design vehicle, etc.) and design decisions made throughout the project.
B. Design the proposed roadway, parking, bike lane and sidewalk alignment, iterating as necessary for property tie-ins (driveways, grading limits and sidewalks).
C. Design the proposed typical sections, developing a 3D model with end conditions to determine the limits of construction.
D. Design the proposed roadway grading and drainage.
E. Design the proposed pavement markings.
F. Design proposed intersections, developing radii based on design vehicle turning simulations and safety study recommendations, accounting for accessible crosswalks and sidewalks, traffic signal equipment, and utilities.
G. Ensure PROWAG Compliance
    i. Proposed improvements will be designed in compliance with PROWAG. All references to PROWAG shall refer to the Final Rule, unless otherwise noted.
    ii. Intersection curb ramps are to be designed in accordance with PROWAG.
    iii. ADA parking analysis and design.
H. Analyze the proposed design sight distance for each modified intersection.
I. Identify utility conflicts, consider design modifications for avoidance, and document locations where utility conflicts will require utility relocation.
J. Develop proposed maintenance of traffic (MOT) and construction staging concepts.
K. Design proposed erosion and sediment control.
L. Develop pavement design and coordination to determine the desired milling, resurfacing, and pavement patching information.

Task 6 Water/Sewer Engineering

A. Water Main
    i. Coordinate with Village to identify maintenance items or replacement items to be included within construction drawings, design and permit identified improvements.
    ii. Design and permit local relocations, if any, related to proposed streetscape improvements.
    iii. Facilitate lead service replacements in main replacement areas, review existing conditions and organize site visits if necessary to verify service size and material and coordinate with property owners.
    iv. Coordinate water main design with proposed and existing streetscape elements to resolve any conflicts that arise.
B. Sanitary Sewer
    i. Coordinate with Village to incorporate maintenance items or replacement items to be included within construction drawings.
C. Storm Sewer
    i. Coordinate with Village to identify maintenance or replacement items to be included within construction drawings.
    ii. Review existing conditions for indications of poor drainage.
    iii. Engineer minor storm sewer improvements required to accommodate proposed streetscape design and upgraded intersections.
    iv. Connect any planters or other green infrastructure that are designed with the streetscape to the sewer system.

Task 7 Traffic Signal Engineering

A. Incorporate the accepted recommendations from the Traffic Capacity Study related to traffic signal removal or modification. TERRA assumes, as part of this scope, that the traffic signals will typically be modified with Accessible Pedestrian Signals for PROWAG compliance. TERRA does not assume traffic signals will be fully replaced. Additional traffic signal design support can be provided as a supplement if it is determined that full replacement of traffic signals at any intersection location is necessary/desired.
B. Traffic Signal timings will be evaluated at each traffic signal to ensure that the pedestrian intervals are appropriate for established walking speeds and include safe clearance times for both vehicles and pedestrians. Where possible TERRA will include leading pedestrian intervals and include recurring pedestrian phases which are automatically activated during each cycle without requiring pushbutton activation.
C. Review evaluations of existing traffic signal equipment completed by others and implement recommendations into design.
D. Vehicle detection will be evaluated and the Village's preference will be coordinated, if applicable.
E. In conjunction with the Vision Zero plan, TERRA can evaluate the potential for adding red light cameras at signalized intersection within the corridor to increase safety. Coordinate with Village selected vendor to install cameras.
F. Emergency vehicle preemption will be coordinated with the Village, if applicable.
G. Coordinate with Village to maintain existing fiber signal interconnect at intersections.

Task 8 Lighting & Electrical Engineering

A. Request and review electric utility information from the Village.
B. Request, review and evaluate existing information associated of the existing electrical distribution system as provided by Owner such as: as-builts, surveys, utility information and previous design, permit and construction documents of the area.
C. Conduct a site visit to review and evaluate the existing electrical distribution system against the project's proposed conditions.
D. Coordinate with the Village and landscape architects to identify street lighting fixtures, holiday lighting, and power requirements for street outlets for vendors and events.
E. Provide photometric calculations to lay out the identified street lighting in accordance with IDOT standards and recommended practices.
F. Coordinate the site layout design with the Village/landscape architect. Review the site plan generated by others for conformance with electrical engineering best practices and code requirements. Provide comments to plans provided.
G. Provide electrical removal plans as may be required for clarity of contractor's scope of work.
H. Engineer the proposed electrical design, including the electrical provisions and locations of new street lighting, pedestrian lighting, holiday lighting, catenary lighting, lighting controls, power outlets, and new electrical service(s).
I. Coordinate power/data requirements with electric equipment vendors.
J. Coordinate with the electrical utility company. Prepare a utility Service & Meter Application.
K. Prepare Concept, Preliminary and Final Design plans and specifications.

Task 9 Project Management & Administration

A. Perform management and coordination, scheduling, budgeting, preparation of invoices, project reports, meeting minutes, phone logs, review of subconsultants progress reports, invoices, and coordination with the subconsultants and the Village.
B. Deliver monthly progress reports with action items log and task list assigned to responsible parties.
C. Track project risks, both known and unknown as they arise and coordinate with the Village to determine project impacts and mitigation strategies.
D. Coordinate with the Village to discuss project status, schedule, and critical design elements. Prepare and distribute meeting agendas and minutes.
E. Prepare and submit design milestone deliverables to the Village. Attend up to one (1) in-person design review meetings for each deliverable milestone listed under *Deliverables* section of scope.
F. Coordinate with the PRI design team to align design and deliverables.
G. Coordinate with adjacent agencies having jurisdiction, such as IDOT and private utility companies.

Task 10 QA/QC

H. Perform QA/QC oversight and review of all work produced and all deliverables to the Village. The QA/QC Engineer assigned to the project will oversee and perform the required reviews, revisions, and coordination.

ANTICIPATED DELIVERABLES

TERRA proposes the following anticipated deliverables to accomplish the detailed scope of work above.

30% Concept Design

A. 30% Concept Design Deliverable will include drawings developed to the 30% level intended to facilitate visioning, stakeholder coordination, and to enable initial estimates of construction cost.
B. Safety Study, with traffic, parking, biking, and pedestrian data and recommendations.

60% Plans, Specifications & Estimates

A. 60% Deliverable will generally include Cover Sheet, Plan and Profile Sheets, Detail Sheets, Cross Section Sheets, list of Pay Items, list of Special Provisions, list of identified utility conflicts, and Right-of-Way & Easement considerations.
B. 60% Deliverable will include a construction estimate detailed into general pay item groups or disciplines. The estimate will include a contingency to account for remaining costs that were not identified in the Preliminary Plan Deliverable.

90% Plans, Specifications & Estimates

A. 90% Deliverable will include near-final construction plans including summary of quantities, schedules of quantities, all required plan sets.
B. 90% Deliverable will include near-final contract specifications including all required check sheets, recurring special provisions, and project-specific special provisions.
C. 90% Deliverable will include an itemized estimate of construction cost and an estimate of construction time.

100% Plans, Specifications & Estimates / Issue for Bid

A. Final Construction Plans Deliverable will include all final bid-ready plans and specifications.
B. Final Construction Plans Deliverable will include an itemized estimate of construction cost and an estimate of construction time.

SCHEDULE

Upon agreement on scope of work and receipt of executed contract, TERRA will immediately begin the above scope of work and target a public bid for Phase 1 in Winter 2027 to allow for construction to begin in Summer 2027. A tentative project schedule for the above task list is provided as Attachment A – Tentative Project Schedule.

COMPENSATION

TERRA offers the above services at the fees outlined in the attached Cost Estimate of Services form and summarized below.

SUMMARY	2026	2027	TOTAL
Professional Services	*$833,035*	*$220,047*	$1,053,082
Direct Costs	*$19,800*	*$5,100*	$24,900
Reimbursable Expenses	*$116,375*	*$34,000*	$150,375
	$969,210	$259,147	**$1,228,357**

ADDITIONAL SERVICES

Changes to completed documents due to revised input or direction, change of project limits or scope and preparation of additional drawings shall be invoiced as an Additional Service. Work will not be performed without your expressed, written consent. Estimates for additional services will be provided upon your request.

ACCEPTANCE

This proposal, with the signature of the appropriate personnel, constitutes acceptance of fee and terms as stated herein. Please return one copy of the signed proposal to me as authorization to begin work. In the absence of an executed proposal, upon your request for services and the commencement of work, we will proceed in accordance with this proposal, inclusive of scope, fee, terms and conditions and assume your agreement to same.

If you have questions or need clarification on the above, please do not hesitate to call. We look forward to working with you on this project and appreciate you including us on your team.

Sincerely yours,

TERRA ENGINEERING, LTD.

John C. Helfrich, PE
Civil Department Director

Cc: Jamil Bou-Saab – TERRA
Keven Graham – TERRA
Kevin Hejtmanek - TERRA

Attachments: CECS Oak Park Chicago Avenue
Tentative Project Schedule

COST ESTIMATE OF SERVICES

FIRM TERRA Engineering **DATE** 04/10/26

PROJECT Chicago Avenue Projects **OVERHEAD RATE** 157.41%

PRIME/SUPPLEMENT **FIXED FEE (%)** 20.00%

Resulting DLM

TASK	MANHOURS	PAYROLL	OVERHEAD & FRINGE BENF	DIRECT COSTS	FIXED FEE	SERVICES BY OTHERS	TOTAL	% OF GRAND TOTAL
	(A)	(B)	(C)	(D)	(E)	(G)	(B-G)	
Task 1 - Survey	574	24,924	39,232	1,000	12,831		77,987	6.3%
Task 2 - Safety Study	440	24,629	38,769	1,000	12,680		77,078	6.3%
Task 3 - Public Engagement	300	18,827	29,635	1,500	9,692		59,654	4.9%
Task 4 - Streetscape Design	840	37,644	59,255		19,380		116,278	9.5%
Task 5 - Roadway Engineering	1,560	71,579	112,672		36,850		221,101	18.0%
Task 6 - Water/Sewer Engineering	1,340	59,517	93,685		30,640		183,842	15.0%
Task 7 - Traffic Signal Engineering	680	32,144	50,598		16,548		99,290	8.1%
Task 8 - Lighting & Electrical Engineering	580	40,836	64,281		21,023		126,140	10.3%
Task 9 - Project Management & Admin	272	16,704	26,294	1,000	8,600		52,599	4.3%
Task 10 - QA/QC	240	14,119	22,224		7,269		43,612	3.6%
Subconsultant - TrueNorth						20,375	20,375	1.7%
Subconsultant - Chicago Testing & Lab						28,000	28,000	2.3%
Subconsultant - Prescott Group				20,400		102,000	122,400	10.0%
TOTALS	6,826	$ 340,923	$ 536,646	$ 24,900	$ 175,514	$ 150,375	$ 1,228,357	100.0%

ATTACHMENT A - TENTATIVE PROJECT SCHEDULE

Task	2026											2027												2028											
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Project Kickoff																																			
Pre-Design Site Assessments																																			
Geotechnical Borings																																			
Environmental Study																																			
Survey																																			
Safety Study																																			
Public Engagement																																			
Stakeholder Engagement Meeting(s)																																			
Community Workshops (3)																																			
Transportation Commission Meetings (2)																																			
Board Meeting (1)																																			
30% Concept Design																																			
60% PS&E																																			
Phase 1 - Safety Improvements																																			
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Streetscape Planning & Design																																			
Roadway Engineering																																			
Water/Sewer Engineering																																			
Traffic Signal Engineering																																			
Lighting & Electrical Engineering																																			
Project Management & Administration																																			
QA/QC																																			
Construction (Not in Contract)																																			
Phase 2 - Streetscape Package																																			
90% PS&E																																			
100% PS&E / Issue for Bid																																			
Streetscape Design																																			
Roadway Engineering																																			
Water/Sewer Engineering																																			
Lighting & Electrical Engineering																																			
Project Management & Administration																																			
QA/QC																																			
Construction (Not in Contract)																																			

Schedule Key

- Main Task
- Subtask
- Project Milestone
- Meeting

BILLING AND PAYMENT

Billing and payment shall be in accordance with the fee proposal as noted in the Compensation schedule of this proposal. Scope of services under a fixed fee basis shall be billed upon fulfillment and/or percentage of the completed task. Scope of services under a time and material basis shall be billed per unit rate as services are performed.

1. Timing/Format
   A. Invoices shall be submitted monthly for Services completed at the time of billing and are due upon receipt, unless negotiated otherwise with Terra Engineering. Invoices shall be considered past due if not paid within 30 calendar days of the due date. Such invoices shall be prepared in a form supported by documentation as Client may reasonably require.
   B. If payment in full is not received by TERRA Engineering within 30 calendar days of the due date, invoices shall bear interest at one-and-one-half (1.5) percent of the past due amount per month, which shall be calculated from the invoice due date.
   C. If the Client fails to make payments within 30 calendar days of due date or otherwise is in breach of this Agreement, TERRA Engineering may suspend performance of services upon seven (7) calendar days' notice to the Client. TERRA Engineering shall have no liability whatsoever to the Client for any costs or damages as a result of suspension caused by any breach of this Agreement by the Client. Upon payment in full by the Client, TERRA Engineering shall resume services under this Agreement, and the time schedule and compensation shall be equitably adjusted to compensate for the period of suspension plus any other reasonable time and expense necessary for TERRA Engineering to resume performance.
2. Billing Records
   A. TERRA Engineering shall maintain accounting records of its costs in accordance with generally accepted practices. Access to such records will be provided during normal business hours with reasonable notice during the term of this Agreement and for 3 years after completion.

STANDARD TERMS AND CONDITIONS

1. STANDARD OF CARE: Services shall be performed in accordance with the standard of professional practice ordinarily exercised by the applicable profession at the time and within the locality where the services are performed. No warranty or guarantee, express or implied is provided, including warranties or guarantees contained in any uniform commercial code

2. CHANGE OF SCOPE. The scope of Services set forth in this Agreement is based on facts known at the time of execution of this Agreement, including, if applicable, information supplied by TERRA Engineering and Client. TERRA Engineering will promptly notify Client of any perceived changes of scope in writing and the parties shall negotiate modifications to this Agreement.

3. DELAYS. If events beyond the control of TERRA Engineering, including, but not limited to, fire, flood, explosion, riot, strike, war, process shutdown, act of God or the public enemy, and act or regulation of any government agency, result in delay to any schedule established in this Agreement, such schedule shall be extended for a period equal to the delay. In the event such delay exceeds 90 days, TERRA Engineering shall be entitled to an equitable adjustment in compensation and extension of time.

4. TERMINATION/SUSPENSION. Either party may terminate this Agreement upon 30 days written notice to the other party in the event of substantial failure by the other party to perform in accordance with its obligations under this Agreement through no fault of the terminating party. Client shall pay TERRA Engineering for all Services, including profit relating thereto, rendered prior to termination, plus any expenses of termination.

5. REUSE OF INSTRUMENTS OF SERVICE. All reports, drawings, specifications, computer data, field data notes and other documents prepared by TERRA Engineering as instruments of service shall remain the property of TERRA Engineering. TERRA Engineering shall retain all common law, statutory and other reserved rights, including the copyright thereto. Reuse of any instruments of service including electronic media, for any purpose other than that for which such documents or deliverables were originally prepared, or alteration of such documents or deliverables without written authorization or adaptation by TERRA Engineering for the specific purpose intended, shall be at Client's sole risk.

6. ELECTRONIC MEDIA. Electronic files furnished by either party shall be subject to an acceptance period of 30 days during which the receiving party agrees to perform appropriate acceptance tests. The party furnishing the electronic file shall correct any discrepancies or errors detected and reported within the acceptance period. After the acceptance period, the electronic files shall be deemed to be accepted and neither party shall have any obligation to correct errors or maintain electronic files. In the event of a conflict between the signed construction documents prepared by TERRA Engineering and electronic files, the signed or sealed hard-copy construction documents shall govern. Under no circumstances shall delivery of electronic files for use by Client be deemed a sale by TERRA Engineering and TERRA Engineering makes no warranties, either express or implied, of merchantability and fitness for any particular purpose. In no event shall TERRA Engineering be liable for indirect or consequential damages as a result of the Client's use or reuse of the electronic files.

7. OPINIONS OF CONSTRUCTION COST. Any opinion of construction costs prepared by TERRA Engineering is supplied for the general guidance of the Client only. Since TERRA Engineering has no control over competitive bidding or market

conditions, TERRA Engineering cannot guarantee the accuracy of such opinions as compared to contract bids or actual costs to Client.

8. SAFETY. TERRA Engineering shall establish and maintain programs and procedures for the safety of its employees. TERRA Engineering specifically disclaims any authority or responsibility for general job site safety and safety of persons other than TERRA Engineering employees.

9. RELATIONSHIP WITH CONTRACTORS. TERRA Engineering shall serve as Client's professional representative for the Services and may make recommendations to Client concerning actions relating to Client's contractors, but TERRA Engineering specifically disclaims any authority to direct or supervise the means, methods, techniques, sequences or procedures of construction selected by Client's contractors.

10. THIRD PARTY CLAIMS: This Agreement does not create any right or benefit for parties other than TERRA Engineering and Client.

11. MODIFICATION. This Agreement, upon execution by both parties hereto, can be modified only by a written instrument signed by both parties.

12. PROPRIETARY INFORMATION. Information relating to the Project, unless in the public domain, shall be kept confidential by TERRA Engineering and shall not be made available to third parties without written consent of Client, unless so required by court order.

13. INSURANCE. TERRA Engineering will maintain insurance coverage for Professional, Comprehensive General, Automobile, Worker's Compensation and Employer's Liability in amounts in accordance with legal, and TERRA Engineering business requirements. Certificates evidencing such coverage will be provided to Client upon request. For projects involving construction, Client agrees to require its construction contractor, if any, to include TERRA Engineering as an additional insured on its commercial general liability policy relating to the Project, and such coverages shall be primary.

14. INDEMNITIES. TERRA Engineering agrees, to the fullest extent permitted by law, to indemnify and hold harmless the Client, its officers, directors and employees against all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, to the extent caused by TERRA Engineering's negligent performance of professional services under this Agreement and that of its subconsultants or anyone for whom TERRA Engineering is legally liable. The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless TERRA Engineering, its officers, directors, employees and subconsultants against all damages, liabilities or costs, including reasonable attorneys' fees and defense costs, to the extent caused by the Client's negligent acts in connection with the Project and that of its contractors, subcontractors or consultants or anyone for whom the Client is legally liable. Neither the Client nor TERRA Engineering shall be obligated to indemnify the other party in any manner whatsoever for the other party's own negligence.

15. LIMITATIONS OF LIABILITY. No employee or agent of TERRA Engineering shall have individual liability to Client. Client agrees that, to the fullest extent permitted by law, TERRA Engineering's total liability to Client for any and all injuries, claims, losses, expenses or damages whatsoever arising out of or in any way related to the Project or this Agreement from any causes including, but not limited to, TERRA Engineering's negligence, error, omissions, strict liability, or breach of contract shall not exceed the total compensation covered by TERRA Engineering's professional liability insurance.

16. ACCESS. Client shall provide TERRA Engineering safe access to the project site necessary for the performance of the services.

17. ASSIGNMENT. The rights and obligations of this Agreement cannot be assigned by either party without written permission of the other party. This Agreement shall be binding upon and insure to the benefit of any permitted assigns.

18. HAZARDOUS MATERIALS. TERRA Engineering and TERRA Engineering's consultants shall have no responsibility for discovery, presence, handling, removal or disposal of or exposure of persons to hazardous materials in any form at the project site, including but not limited to asbestos, asbestos products, polychlorinated biphenyl (PCB) or other toxic substances. If required by law, the client shall accomplish all necessary inspections and testing to determine the type and extent, if any, of hazardous materials at the project site. Prior to the start of services, or at the earliest time such information is learned, it shall be the duty of the Client to advise TERRA Engineering (in writing) of any known or suspected hazardous materials. Removal and proper disposal of all hazardous materials shall be the responsibility of the Client.

19. REMODELING AND RENOVATION. For TERRA Engineering's services provided to assist the Client in making changes to an existing facility, the Client shall furnish documentation and information upon which TERRA Engineering may rely for its accuracy and completeness. Unless specifically authorized or confirmed in writing by the Client, TERRA Engineering shall not be required to perform, or have others perform, destructive testing or to investigate concealed or unknown conditions. The Client shall indemnify and hold harmless TERRA Engineering, TERRA Engineering's consultants, and their employees

from and against claims, damages, losses and expenses which arise as a result of documentation and information furnished by the Client.

20. CLIENT'S CONSULTANTS. Contracts between the Client and other consultants retained by Client for the Project shall require the consultants to coordinate their drawings and other instruments of service with those of TERRA Engineering and to advise TERRA Engineering of any potential conflict. TERRA Engineering shall have no responsibility for the components of the project designed by the Client's consultants. The Client shall indemnify and hold harmless TERRA Engineering, TERRA Engineering's consultants and their employees from and against claims, damages, losses and expenses arising out of services performed for this project by other consultants of the Client.

21. NO WAIVER. No waiver by either party of any default by the other party in the performance of any particular section of this Agreement shall invalidate another section of this Agreement or operate as a waiver of any future default, whether like or different in character.

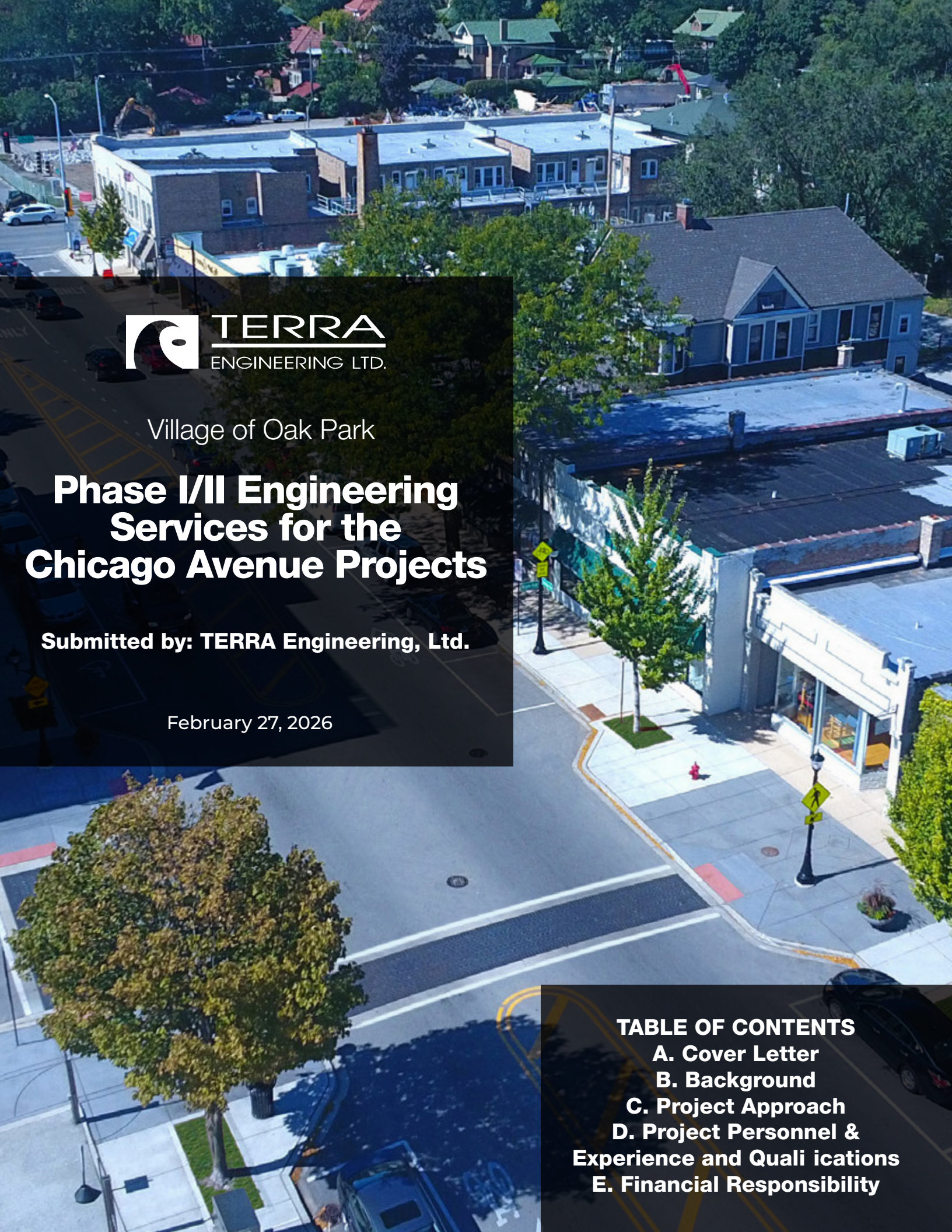
22. SEVERABILITY. The various terms, provisions and covenants herein contained shall be deemed to be separate and severable, and the invalidity or unenforceability of any of them shall not affect or impair the validity or enforceability of the remainder.

23. STATUTE OF LIMITATION. To the fullest extent permitted by law, parties agree that, except for claims for indemnification, the time period for bringing claims under this Agreement shall expire one year after Project Completion.

24. DISPUTE RESOLUTION. If TERRA Engineering employs counsel for advice or other representation: (i) with respect to this Agreement, (ii) to represent TERRA Engineering in any litigation, contest, dispute, suit or proceeding (whether instituted by TERRA Engineering, Client or any other party) in any way or respect relating to this Agreement, or (iii) to enforce Client's obligations there under, then, in any of the foregoing events, all of the reasonable attorneys' fees arising from such services and all expenses, costs and charges in any way or respect arising in connection therewith or relating thereto shall be paid by Client to TERRA Engineering on demand.

SCHEDULE OF HOURLY BILLING RATES:

LABOR CLASSIFICATION	2026	2027	2028	2029	2030
Principal	$390	$406	$422	$439	$456
Executive Director	$312	$324	$337	$350	$364
Senior Director	$251	$261	$271	$282	$293
Technical Director	$244	$253	$264	$274	$285
Department Director	$234	$243	$253	$263	$274
Practice Lead	$228	$237	$247	$257	$267
Business Administrator	$171	$178	$185	$192	$200
IT Manager	$138	$144	$149	$155	$161
Administrative Assistant	$118	$123	$128	$133	$138
Survey Intern	$56	$58	$61	$63	$66
Field Surveyor I	$94	$97	$101	$105	$109
Field Surveyor II	$109	$113	$118	$122	$127
Senior Field Surveyor	$148	$154	$160	$166	$173
Associate Crew Chief	$116	$120	$125	$130	$135
Project Surveyor	$118	$123	$128	$133	$138
Professional Land Surveyor	$139	$144	$150	$156	$162
Survey Project Manager	$150	$156	$162	$168	$175
Senior Professional Land Surveyor	$225	$234	$243	$253	$263
Landscape Designer I	$94	$97	$101	$105	$109
Landscape Designer II	$105	$109	$114	$118	$123
Landscape Project Manager	$143	$148	$154	$161	$167
Senior Landscape Architect	$151	$157	$163	$170	$176
Water Resources Project Engineer II	$147	$153	$159	$165	$172
Technician I	$72	$75	$78	$81	$84
Technician II	$87	$90	$94	$98	$101
Civil Engineer I	$108	$112	$117	$122	$126
Civil Engineer II	$121	$125	$130	$136	$141
Civil Engineer III	$135	$140	$146	$152	$158
Civil Engineer IV	$147	$153	$159	$165	$172
Civil Project Engineer I	$132	$137	$143	$148	$154
Civil Project Engineer II	$140	$146	$152	$158	$164
Senior Civil Engineer	$156	$162	$169	$175	$182
Civil Project Manager	$179	$186	$194	$202	$210
Senior Civil Project Manager	$195	$203	$211	$219	$228
Lead Civil Engineer	$199	$206	$215	$223	$232
Electrical Engineer I	$120	$125	$130	$135	$140
Electrical Engineer II	$140	$146	$152	$158	$164
Lead Electrical Designer	$194	$202	$210	$218	$227
Senior Electrical Project Engineer	$265	$276	$287	$298	$310
Senior GIS Analyst	$144	$149	$155	$162	$168
Traffic Engineer I	$90	$94	$97	$101	$105
Traffic Engineer II	$115	$120	$124	$129	$135
Traffic Technician I	$78	$81	$84	$88	$91
Traffic Technician II	$94	$97	$101	$105	$109
Traffic Technician III	$109	$114	$118	$123	$128
Senior Traffic Technician	$125	$130	$135	$140	$146
Lead Traffic Technician	$140	$146	$152	$158	$164
Engineer I, Structural	$108	$112	$117	$121	$126
Engineer II, Structural	$122	$126	$132	$137	$142
Senior Structural Project Engineer	$197	$205	$213	$222	$231
Senior Structural Engineer	$253	$263	$273	$284	$296
Senior Structural Manager	$253	$263	$274	$285	$296
Documentation Engineer I	$120	$125	$130	$135	$140
Documentation Engineer II	$142	$148	$153	$160	$166
Construction Engineer I	$102	$106	$110	$115	$119
Construction Engineer II	$122	$127	$132	$137	$143
Construction Inspector I	$98	$101	$105	$110	$114
Construction Inspector II	$118	$123	$128	$133	$138
Construction Inspector III	$132	$137	$143	$149	$155
Construction Inspector IV	$146	$152	$158	$164	$171
Lead Construction Inspector	$195	$203	$211	$219	$228
Lead Documentation Engineer	$193	$201	$209	$217	$226
Senior Resident Engineer	$212	$220	$229	$238	$248
Senior Technician	$133	$138	$144	$150	$156
Transportation Engineer I	$111	$116	$120	$125	$130
Transportation Engineer II	$125	$130	$135	$140	$146
Transportation Engineer III	$138	$144	$150	$156	$162
Transportation Engineer IV	$175	$182	$189	$197	$204
Transportation Project Engineer I	$134	$139	$144	$150	$156
Transportation Project Engineer II	$156	$162	$169	$175	$182
Transportation Project Manager	$188	$195	$203	$211	$219
Senior Transportation Project Engineer	$194	$201	$209	$218	$226
Senior Transportation Project Manager	$225	$234	$243	$253	$263



TERRA ENGINEERING LTD.

Village of Oak Park

Phase I/II Engineering Services for the Chicago Avenue Projects

Submitted by: TERRA Engineering, Ltd.

February 27, 2026

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TERRA ENGINEERING LTD.

February 26, 2026

Christopher Welch, P.E., CFM
Assistant Village Engineer
Village of Oak Park
201 South Blvd.
Oak Park, IL 60302

Re: Request for Qualifications for Phase I/II Engineering Services for the Chicago Avenue Projects

Dear Mr. Welch:

Thank you for considering the **TERRA** team to continue supporting your Chicago Avenue Projects. As our team of experienced professionals completes the initial planning of streetscape improvements honoring Dr. Percy Julien, we feel confident in our abilities to progress into the next phase to complete the Phase I/II engineering services that will capture the vision the Village of Oak Park (the Village) has conceived for the streetscape.

We are local and proud to be an active part of this community. Our technical expertise and public involvement experience, combined with our decades long working relationship with the Village, allow us to provide the responsive service and attention to detail that no one else can match. We continue to take that responsibility seriously and will prioritize the collaboration between TERRA, the Village, and your partners to implement the right solutions for the community.

As you know, TERRA is a woman-owned, full-service civil engineering firm with over 30 years of experience. We believe that our past successes in Oak Park and our thorough understanding of the Chicago Avenue Projects will provide a significant advantage to you. Our experience in the initial planning phase will enable TERRA to hit the ground running with a cohesive team that fully understands the culture, objectives, and nuances inherent to the expectations of Chicago Avenue.

We propose TERRA's **John Helfrich, PE,** as Project Director and Manager to deliver his personalized and attentive leadership style to the project as well as **Kevin Hejtmanek, PE**, as Assistant Project Manager, to assist in the administration and coordination across design team members. In addition, **Prescott Group** will provide their local insight by continuing to guide the public relations and engagement efforts and **True North Consultants** and **Chicago Testing Laboratory** will provide environmental and geotechnical support.

TERRA welcomes the opportunity to further discuss our ongoing involvement in this Chicago Avenue Projects with you. We are dedicated to providing an innovative approach for implementing the utility, roadway, and streetscape enhancements that will transform this section of the Chicago Avenue corridor.

Sincerely,

Jamil Bou-Saab, PE | Executive Vice President
jbousaab@terraengineering.com | 312.467.0123
225 W. Ohio Street, 4th Floor, Chicago, IL 60654

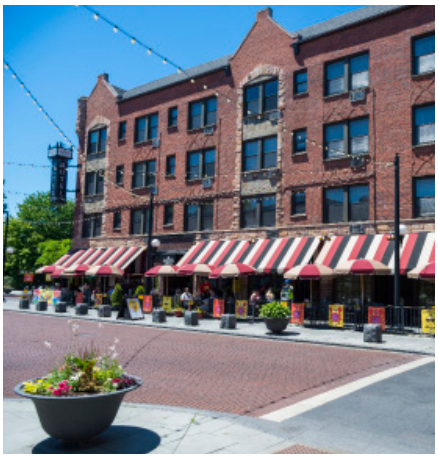
John Helfrich, PE | Civil Department Director
jhelfric@terraengineering.com | 312.467.0123
225 W. Ohio Street, 4th Floor, Chicago, IL 60654

BACKGROUND

TERRA
ENGINEERING LTD.

TERRA ENGINEERING LTD.

Company Overview



ABOUT TERRA

TERRA Engineering, Ltd. is a multi-disciplinary professional service firm that utilizes our experience, intellect, passion, and diversity to serve our clients. Since 1992, our portfolio has evolved to include local, national, and global projects ranging in both type and scale. We approach our work from a foundation of comprehensive expertise and resources, allowing our disciplines to collaborate and create intelligently designed, thoughtful, site-specific solutions that skillfully balance aesthetic with function. We are dedicated to making our clients successful and enabling our clients and staff to make innovative and socially responsible decisions that result in a sustainable and effective design.

MANAGEMENT TEAM

KAREN STEINGRABER President

JAMIL BOU-SAAB
Executive Vice President

GEORGE GHAREEB
Senior Vice President

GEORGE RYAN
Vice President of Construction Services

DANIELLE KOWALEWSKI
Vice President of Process Management

MIKE RING
Vice President of Operations

PROJECT CONTACT

JOHN HELRICH, PE
Project Director / Manager
225 W. Ohio Street, 4th Floor
Chicago, IL 60654
312.467.0123

SERVICE SECTORS

- Transportation Engineering
- Traffic Engineering/Studies
- Structural Engineering
- Bridge Inspections
- Electrical Engineering
- Surveying
- Geographic Information Systems (GIS)
- Site Development
- Landscape Architecture
- Land Use Planning
- Municipal Engineering
- Water Resources
- Construction Engineering

MISSION STATEMENT

Enhance communities.

OUR PEOPLE

TERRA is an Equal Opportunity Employer with a staff of 105 employees of diverse ethnicities and backgrounds, including; Professional Engineers, Professional Traffic Operations Engineers, Structural Engineers, Professional Land Surveyors, Landscape Architects, GIS Analysts and LEED Accredited Professionals.

CERTIFICATIONS

TERRA is certified through more than a dozen agencies, and is a recognized WBE-certified company. Please contact us for more information regarding our various certifications.

PROJECT APPROACH

TERRA
ENGINEERING LTD.

PROJECT APPROACH

TERRA brings a deep and continuous understanding of the Chicago Avenue corridor, having led multiple projects along this vital roadway in Oak Park. Previously, TERRA led the design and engineering efforts on the west end, creating a new streetscape complete with new paving, lighting, street furnishings and landscape. In 2017, TERRA partnered with the Frank Loyd Wright Studio and Home to re-envision parkway drop-off areas and reconstruct historically appropriate planters — work that required careful attention to heritage, detail, and craft. Most recently, in 2025, TERRA helped guide the visioning for the Dr. Percy Julian branding initiative from Linden Avenue to Austin Boulevard, reinforcing our familiarity with the corridor's evolving identity and infrastructure needs.

The eastern segment of Chicago Avenue presents both opportunity and urgency. This portion of the corridor experiences high pedestrian volumes—particularly students during the school day—alongside active commercial frontages that generate continuous vehicular and foot traffic. As a key arterial connecting the City of Chicago with communities to the west, Chicago Avenue must balance regional mobility with local access and safety. The Village's Vision Zero Plan outlines critical interventions for improving pedestrian and multimodal safety, and successful implementation will depend on seamlessly integrating those strategies into the Dr. Percy Julian streetscape improvements. TERRA understands how to translate policy goals into practical engineering solutions that enhance safety while preserving corridor function and vitality.

Equally important is the stewardship and restoration of prior Village investments. As identified in the Dr. Julian study, segments of the existing streetscape require renewal—including paver rehabilitation and ADA compliance adjustments, reconstruction of aging tree planters, and enhancements to pedestrian lighting. TERRA's familiarity with the original improvements uniquely positions us to evaluate existing conditions, diagnose underlying issues, and implement cost-effective, durable solutions that respect the original design intent while elevating performance and accessibility standards.

We also recognize the importance of close coordination with Planning Resources Inc. (PRI), whom the Village intends to engage directly. TERRA has a long-standing collaborative history with PRI on civic and park projects in Oak Park and beyond, including the initial visioning for the Dr. Percy Julian streetscape concepts. While many elements of the plan are rooted in storytelling and placemaking, their successful realization depends on creating functional physical space, integrating ADA improvements, accommodating electrical needs, and carefully evaluating traffic operations. It is at this intersection of narrative vision and technical implementation where TERRA and PRI work best together—aligning design intent with engineering precision to deliver a cohesive, safe, and enduring streetscape for the Village of Oak Park.

1. General

1.1 Team Structure

TERRA Engineering, Ltd. ("TERRA") will lead this effort under the direction of **John Helfrich, PE,** Civil Department Director. John has extensive experience managing streetscape improvements for the Village, including recently completing Phase I/II engineering for the Oak Park Avenue Streetscape improvements through the Hemingway District. He will serve as Project Manager and primary point of contact, leading coordination with the Village, PRI, stakeholders, and regulatory agencies.

Kevin Hejtmanek, PE will serve as Assistant Project Manager, overseeing project administration and day-to-day coordination of our internal team of surveyors, engineers, technical specialists, and landscape architects. He will also manage subconsultants, including **Chicago Testing Laboratory, Inc.** (geotechnical services) and **True North Consultants** (environmental services).

Our in-house landscape architects are integral to maintaining design continuity and strengthening collaboration with PRI. Because of our prior involvement in the corridor, our team brings valuable institutional knowledge that will ensure consistency from vision through implementation.

1.2 Project Management

TERRA's project management approach is grounded in proactive leadership, transparent communication, and disciplined execution. We focus on maintaining the Village's vision while delivering measurable progress at every stage.

We will formalize project tracking through monthly status reports summarizing completed tasks, upcoming milestones, budget status, risk updates, and key decisions. This structured reporting provides clarity and accountability throughout the project lifecycle.

Our management framework includes:

- Early identification and mitigation of risks
- Maintenance and monitoring of a detailed project schedule
- Preparation of complete, coordinated design reports, plans, and specifications
- Active and transparent budget control

1.3 Risk Management

Our risk management process is proactive, systematic, and continuous. At project kickoff, we will conduct structured risk identification sessions with the Village and key stakeholders to identify technical, operational, financial, and schedule-related risks.

Risks will be documented in a centralized register and evaluated using a standardized likelihood-and-impact scoring system. High-priority risks will be assigned clear ownership and paired with defined mitigation strategies, contingency plans, and escalation triggers. The risk register will be reviewed and updated regularly during status meetings, ensuring emerging issues are addressed early.

This approach reduces uncertainty, supports informed decision-making, and protects both schedule and budget.

2. Project Initiation

2.1 Collect and Review Existing Data

Following the Notice to Proceed (NTP) from the Village, we will start by reviewing the relevant utility atlases, existing drawings, plats, and reports. We understand the Village will also provide maintenance and flooding records, previous sewer studies, and sewer inspection data and televising reports. We will collect GIS data on adjacent properties and mobilize surveyors and geotechnical teams to gather supplemental field information.

All data will be organized into a comprehensive, shared repository to support efficient plan development.

2.2 Kickoff Meeting

We will review all above documents and information discussed in Section 2.1 prior to the kickoff meeting with the Village. During the meeting, we will:

- Notify the Village about any missing or conflicting information and request for clarification or additional documents.
- Introduce the Design Team.
- Discuss the schedule, milestone, deliverables, and budget.
- Discuss our role in coordination with partners, stakeholders, regulatory agencies, and other entities.

2.3 Site Visit

Building on our Spring 2025 corridor assessment conducted during the Dr. Percy Julian study, the design team will perform updated field investigations from Austin Boulevard to Linden Avenue. This effort will verify existing conditions and assess how they relate to the previously developed design program.

2.4 Safety Study

Chicago Avenue is a major east west corridor with a mix of residential frontage, commercial uses, schools, parks, high traffic volumes (~9,500–15,000 ADT), and an existing striped bike lane/marked shared lanes configuration. Both the Bike Plan and Vision Zero Action Plan identify the corridor as part of the High-Injury Network, underscoring its elevated safety risk for all modes.

TERRA agrees with the Village's concept to utilize the Safe System Approach (SSA) to prevent serious injuries and fatalities along the Chicago Avenue corridor. TERRA will utilize the core six principles as we review the existing conditions and work toward a holistic design for all users.

Oak Park Avenue Streetscape - Plan Rendering

The Vision Zero Action Plan has gone into great detail of presenting the history of crashes along the corridor. TERRA will expand on that data by further analyzing the specific details of each of the crashes. Crash locations, especially those involving pedestrians and cyclists, will be analyzed to determine if there are specific crash patterns that exist and then determine the types of remedies that would reduce them. Crash diagrams will be prepared along with the analysis and included in the Project Report.

TERRA understands the unique design challenges created with a combination of multiple modes of travel using the same roadway facility. It is important to focus on the vulnerable users and change the hierarchy, making the bicyclist and pedestrian a priority. The following are critical creating a safe and accessible multimodal Chicago Avenue Phase I design:

- Drawing upon previous public input and work performed by the Village.
- Community outreach to obtain input on existing mobility challenges within the corridor.
- Applying the most recent design criteria to ensure that the new facility meets all standards.
- Performing crash analyses, identify predominant deficiencies, and determine needed counter measures through detailed crash data analysis.
- Performing intersection studies to optimize safety and level of service between all modes.
- Analyzing vehicular sightlines studies to ensure obstructions are eliminated.
- Seeking consistency with Oak Park bike improvements and signing.
- Developing a clear and consistent corridor signage program with a focus on bicyclists and pedestrians.
- Vehicular, bicycle and pedestrian traffic modeling that considers various alternates and results in a preferred alternative with optimum lane uses.

The existing roadway width of 45 feet presents challenges in providing bicycle accommodations along the corridor. The Bike Plan Update recommends 5-foot bike lanes with 3-foot buffers. With Chicago Avenue having a 25-mph posted speed limit and an ADT of 14,900 vehicles west of Ridgeland Avenue, 9,750 vehicles between Ridgeland and Oak Park Avenue, and 13,000 vehicles east of Oak Park Avenue, this proposed cross section exceeds the minimum 6-foot width requirements listed in Figure 17-2.A of the IDOT Bureau of Design and Environment Manual. However, to construct such a cross section, parking would need to be eliminated on one side of the roadway. Coordination with the results of the parking study, included within this scope of work, and obtaining feedback from the public will be important to identify the appropriate side of the road where parking could be eliminated.

TERRA knows that creating a safe corridor for both pedestrians and bicyclists will be a major catalyst in encouraging residents to walk or bike to popular destinations in Oak Park. Cyclists must feel safe while traveling the corridor and if not, they may likely choose the motorized vehicle.

2.5 Surveying and Environmental Review

Immediately upon award, TERRA will initiate a Design Stage Request with JULIE and begin topographic survey work documenting right-of-way limits, pavement conditions, utilities, trees, landscape features, and adjacent improvements. Surveys will be prepared in Autodesk Civil 3D for direct integration into Phase I/II design documents.

True North Consultants will complete a Preliminary Environmental Site Assessment (PESA) to identify potential contamination through the corridor. If necessary, they will also complete a Preliminary Site Investigation (PSI), in conjunction with the geotechnical investigation by Chicago Testing and Laboratory, to complete sampling and laboratory analysis of sampled materials to determine extent of contamination and/or classify soil material for haul off to either a Clean Construction Demolition Debris (CCDD) or a Subtitle D facility.

2.6 Community Engagement

Prescott Group will approach community engagement and outreach and strategic communication with a focus on residents, businesses, and nearby community assets along and adjacent to Chicago Avenue. We would emphasize outreach and communications with stakeholders, groups and organizations that have an interest in Chicago Avenue as an asset to the cultural and economic vitality of Oak Park, aligning with the previous planning phase. Prescott Group will develop an outreach and communication platform that includes the following goals, stakeholders, and plan development.

Goals:

- Develop and manage a comprehensive public engagement and communication program.
- Establish ongoing, timely and clear two-way communication with stakeholders.
- Anticipate and respond to the needs and concerns of stakeholders.
- Consistently communicate messages that support project goals.
- Develop a unifying identity and theme for the project.

Stakeholders:

- Residents who live in apartments/condos and single-family residences on and adjacent to Chicago Avenue
- Businesses on Chicago Avenue
- Historic Preservation Groups
- Community Organizations & Business District(s)
- Schools and School District Administrators
- Churches
- Community Assets/Facilities
- Elected Officials/Staff
- Media

Program Development:

- Project Identity
- Community Engagement
  - Public Outreach
  - Business and Institutional Outreach
- Strategic Communication
  - Printed and Graphic Project Materials
  - Digital/Social Media
  - Media Relations
  - Communication/Coordination (Village of Oak Park)
- Program Management and Coordination

3. Project Execution

3.1 Concept Plans (30% PS&E)

Our team will implement the concept design of the Dr. Percy Julian streetscape improvements while incorporating the findings from the tasks outlined in the Project Initiation section above. The concept plans will also explore potential phasing of the improvements, tree preservation, and initiate any necessary easement coordination with property owners.

3.1.1 Agency & Utility Coordination

The 30% plans will be used to introduce the improvements to utilities and agencies that will be impacted by the project. Utilities identified in the corridor through the Design State Request will be contacted to confirm locations of facilities and coordinate the proposed improvements. This coordination will continue through final Plans and Specification preparation.

We understand Chicago Avenue is not an Illinois Department of Transportation (IDOT) route but does cross an unmarked state route (Ridgeland Avenue). TERRA will contact IDOT and lead the review and approval of any streetscape improvements that occur within Ridgeland Avenue. We will also schedule and lead an IDOT Detour Meeting should the phasing and detour route involve IDOT route(s).

Further, we will map out the remaining permitting authorities at this stage of the project in preparation for permit submittal. It may be necessary to expedite submittal to both the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) and the Illinois Environmental Protection Agency (IEPA) for sewer and water main improvements, respectively, to maintain project schedule.

3.1.2 Quantities and Estimate

TERRA's approach to maintaining the project budget is grounded in early cost alignment, continuous monitoring, and disciplined change management. At project kickoff, we will validate established budget within the proposed project scope with the Village and align the design scope to available funding, identifying cost drivers and high-risk elements as part of the risk identification process. Throughout the design phases, we will prepare milestone Opinions of Probable Cost (OPCs) and conduct value analysis to confirm that evolving design decisions remain within budget parameters. Cost impacts of scope changes will be evaluated with clear documentation and Village approval prior to implementation into further design documents.

We will review average supplier and contractor pricing, change orders, and allowances to verify compliance with the approved budget and proactively identify potential overruns. Regular budget status updates will be provided to ensure transparency and informed decision-making. This structured, data-driven approach enables us to manage financial risk effectively while maintaining design intent and overall project quality.

3.1.3 Public Meetings

TERRA and Prescott Group will schedule and host public meeting(s) to conduct public outreach and engagement regarding parking loss and proposed safety and alignment improvements at appropriate points in the design. The cadence of public meetings will be established early in the project with the Village and as outlined in Section 2.6 of this approach.

3.2 Construction Documents (60% & 90% PS&E)

3.2.1 Plan and Specification Preparation

Deliverables will be prepared following the requirements and guidelines as set forth by the Village and verified by TERRA. The deliverables will comply with the Village's standard practices and policies as well as any given direction provided by the Village during the plan preparation. TERRA consistently strives for accuracy and completeness of all deliverables prepared and submitted by TERRA and TERRA's subconsultants.

Implementation of the project objectives will be carried out in a planned, controlled, and orderly manner. Documentation related to design activities will be detailed sufficiently as to purpose, method, assumptions, design input, references, and units such that a technically qualified person can review and verify the accuracy and intent of the project deliverable. A format for plans, reports, and design calculations established by TERRA assures consistency of the prepared deliverables and assists in identifying non-compliance.

A Quality Control Check Certification or similar design review checklist will be used to ensure the design output meets standards and criteria requirements, complies with regulatory requirements, and that generally accepted engineering practices are followed. The Check Sheets are to be completed by project Quality Reviewers as part of the review process.

The use of electronic software, such as Bluebeam Revu Sessions, serves as a well-established review media format. Review comments and tasks will be documented and assigned to appropriate design and Village team members and records will be maintained for retrospective review and historical documentation.

3.3 Bidding/Contractor Selection

Upon Village review and approval of the 90% plans, specifications, and OPC, the design team will prepare final documents for distribution to bidders. TERRA will help identify potential bidders, respond to questions, and issue clarifying addenda as necessary throughout the bid process. We will conduct a scope review meeting with the apparent low bidder and provide recommendation of award to the Village. Upon award to the selected contractor, TERRA will provide an Issued for Construction set of documents, along with CAD files to aid in contractor layout.

4. Schedule

TERRA's approach to maintaining the project design schedule is centered on strong coordination, clear accountability, and proactive schedule management. With Village ownership and multiple stakeholders and subconsultants, we will establish a detailed baseline design schedule at project kickoff that clearly defines milestones, deliverables, review periods, and critical decision points. Each task will be assigned to a responsible party with defined durations and dependencies to ensure alignment across disciplines.

Subconsultant deliverables will be closely monitored through interim check-ins and internal quality reviews to ensure timely integration into the overall design package. Schedule performance will be evaluated against the baseline using short-term look-ahead schedules, and any variances will be addressed immediately through recovery strategies such as task re-sequencing or resource adjustments.

This approach, paired with the risk identification and mitigation strategies, will improve schedule control while maintaining the flexibility needed to respond to emerging conflicts, new design decisions, and evolving stakeholder input.

Our team is ready and available to commence work upon award and understands design is anticipated to start May 1, 2026, with construction to be completed in two stages over the 2027 and 2028 construction seasons.

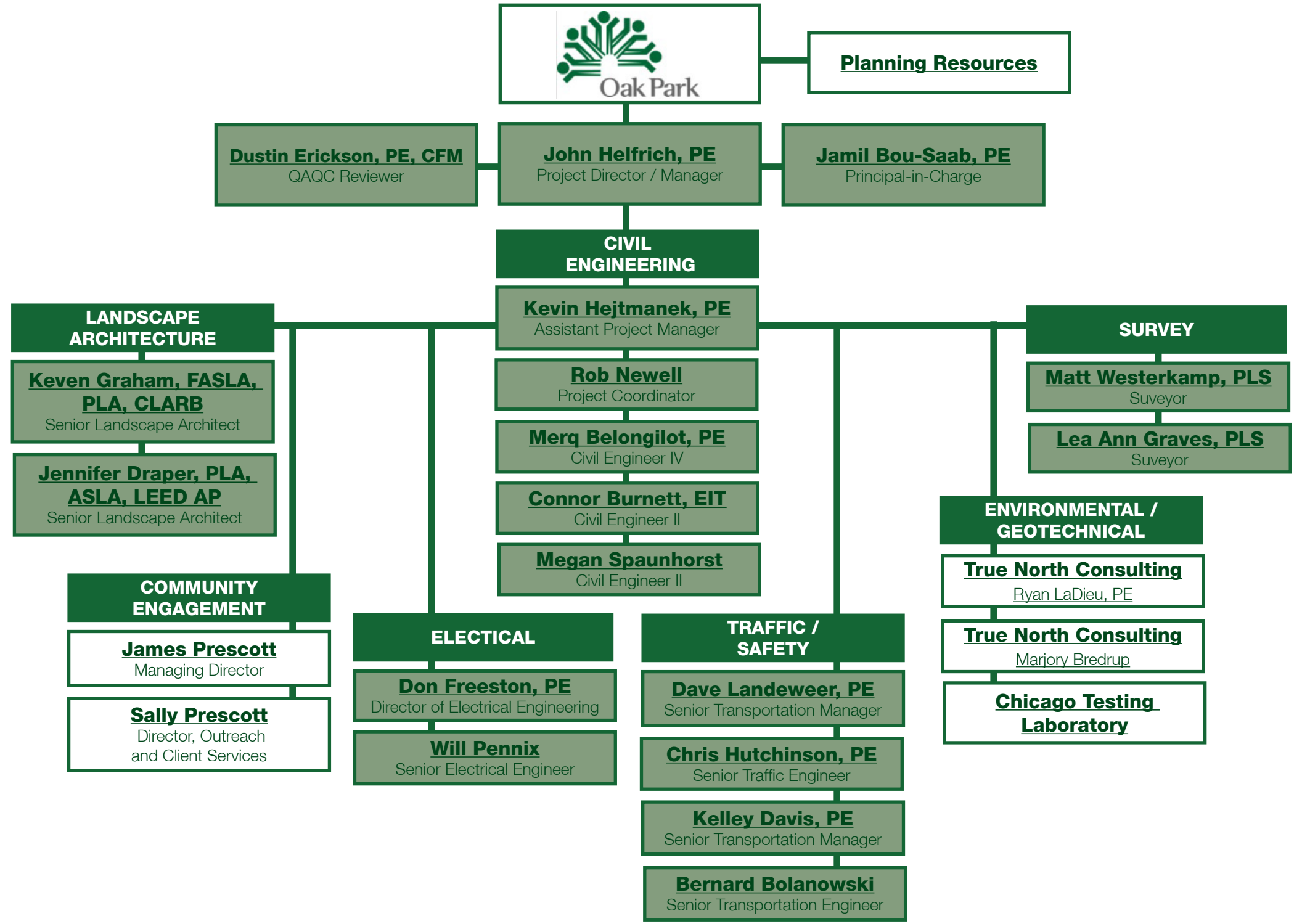
Oak Park Avenue Streetscape - Rendering

Oak Park Avenue Streetscape - Rendering

PROJECT PERSONNEL & EXPERIENCE AND QUALIFICATIONS

TERRA
ENGINEERING LTD.

Organization Chart



JAMIL BOU-SAAB, PE

Executive Vice President / Principal-in-Charge

EDUCATION

Master of Science
Construction Management
Marquette University
Milwaukee, WI (1986)

Bachelor of Science
Civil Engineering
Marquette University
Milwaukee, WI (1984)

PROFESSIONAL EXPERIENCE

33 years with TERRA
6 years prior to TERRA

LICENSES / CERTIFICATES

Professional Engineer
062.047537 (IL, 1992)
28425-6 (WI, 1992)

PROFESSIONAL AFFILIATIONS

- Facilities Committee of the Board of Education, District 97, Village of Oak Park, Chairman
- Technology Subcommittee of IDOT/American Council of Engineering Companies, Region 1, Chairman
- The Science Advisory Committee, Carthage College, Wisconsin, Member
- Peoria Sustainability Commission, Member
- American Public Works Association, Member
- American Society of Civil Engineers, Member
- Innovative Conference on Asphalt and Transportation, Committee Member
- Citizen Council of Oak Park River Forest High School, Member
- Children's Hospital of University of Illinois – Chicago, Board Member

Mr. Bou-Saab offers more than 30 years of professional experience as project engineer, project manager, and as business owner. He has provided leadership in the design and management of infrastructure for municipal capital improvements, highway and traffic improvements and site development projects. As Principal-in-Charge, Mr. Bou-Saab has overseen the development of massive infrastructure projects, streetscape improvements, bicycle and pedestrian paths, riverfront sites, and parks.

VILLAGE OF OAK PARK, OAK PARK AVENUE / Oak Park, IL / Principal-in-Charge / TERRA is providing Phase I and II engineering services for water and sewer main reconstruction and streetscape improvements along Oak Park Avenue. The water and sewer main replacement extends from Randolph up to Ontario and will replace deteriorated infrastructure that is at the end of its life. The streetscape improvements extend through the Hemingway Business District from Pleasant up to Ontario and will include a full paver roadway section, enhancements to the existing viaduct, new site lighting, public gathering spaces, and two art installations.

DR. PERCY JULIAN CHICAGO AVENUE STREETSCAPE / Oak Park, IL / Principal-in-Charge / Provided analysis and condition assessment of the corridor to identify opportunities for incorporating proposed identity markers into the streetscape design. TERRA also evaluated the Village's Vision Zero plan for opportunities to improve safety through the Chicago Avenue corridor and developed design standards for the improvement areas within the right-of-way.

LAKE STREET IMPROVEMENT CONSTRUCTION ENGINEERING / Oak Park, IL / Principal-in-Charge / TERRA is providing construction management and engineering services for three separate projects as part of the Lake Street improvements from Euclid to Harlem avenues. The projects include water and sewer main improvements, street resurfacing and corner sidewalk improvements, and streetscape improvements. The water and sewer main project, from Grove to Ridgeland avenues, includes two blocks of open cut and five blocks of sewer lining. The 0.9-mile street resurfacing project stretches from Euclid Avenue to Austin Boulevard. The 0.6-mile Lake Street streetscape project stretches from Harlem to Euclid avenues and includes hardscape installation of bluestone and pavers, decorative curb, lighting, street furnishings and landscape plantings. Funding was provided by a combination of local and federal dollars.

CHICAGO AVENUE LIGHTING / Oak Park, IL / Principal-in-Charge / TERRA is providing lighting / electrical engineering and landscape architectural services as a part of a streetscape project being designed by the Village of Oak Park. The lighting aspect will consist of ornamental street and pedestrian lighting. The landscape architecture aspect will consist of fixture / street furniture selection, inlaid sidewalk and recommendations for tree removal and infill. The design is intended to tie-in a commercial district with the Frank Lloyd Wright Home and Studio.

ROOSEVELT ROAD STREETSCAPE IMPROVEMENTS / Oak Park, Berwyn, Cicero, IL / Principal-in-Charge / As the engineering member of the streetscape planning team, TERRA assisted in shaping the concept and focus of the project along the state highway bordering the communities. Prepared the Project Development Report while simultaneously preparing the design documents for the work. The project involved the replacement of 1.5 miles of curb; sidewalk and driveway reconstruction; storm sewer; variable HMA pavement milling and resurfacing; streetlight removal and replacement; temporary traffic signals; and construction of streetscape amenities such as ornamental lighting, planters and trees.

*Experience prior to joining TERRA Engineering, Ltd.

JOHN HELFRICH, PE

Project Director / Manager

EDUCATION

Bachelor of Science
Civil Engineering
University of Illinois at Chicago
(2011)

PROFESSIONAL EXPERIENCE

4 years with TERRA
12 years prior to TERRA

LICENSES / CERTIFICATES

Professional Engineer
062.067435 (IL, 2016)
PE050443 (GA, 2023)
6201064455 (MI, 2016)
89357 (OH, 2023)
056602 (NC, 2023)
12300610 (IN, 2023)
23651 (AR, 2025)

Certificate of Completion of Capital Development Board Project Manager Training for Architects/Engineers

John is a professional engineer and the Site Civil Department Director at TERRA Engineering. He has extensive experience in planning and design across several practice areas including healthcare, higher education, workplace, athletics, and parks and recreation. He works integrally with multidisciplinary design and owner teams to provide innovative and holistic solutions throughout all phases of a project. John has a strong background in the planning and implementation of green infrastructure and resilient stormwater management practices across developments of various sizes and types.

VILLAGE OF OAK PARK, OAK PARK AVENUE / Oak Park, IL / Senior Project Manager / TERRA is providing Phase I and II engineering services for water and sewer main reconstruction and streetscape improvements along Oak Park Avenue. The water and sewer main replacement extends from Randolph up to Ontario and will replace deteriorated infrastructure that is at the end of its life. The streetscape improvements extend through the Hemingway Business District from Pleasant up to Ontario and will include a full paver roadway section, enhancements to the existing viaduct, new site lighting, public gathering spaces, and two art installations. John has led the management of the project, leading public engagement meetings and coordinating with stakeholders and designers to achieve the community's goals for the extensive improvements.

WRIGLEY FIELD, PERIMETER HARDENING / Chicago, IL / Project Manager / TERRA is collaborating with the Chicago Cubs to implement perimeter hardening of Wrigley Field and Gallagher Way. This includes strategic installation of fixed, removable, and operable barriers to serve the daily operations of the ballpark and surrounding areas. The north side of the Addison Street right-of-way will also be redeveloped to further enhance the pedestrian experience at Wrigley Field. The proposed barriers will require extensive coordination with the existing utilities and the City of Chicago.

WRIGLEY FIELD, CLARK STREET IMPROVMENTS / Chicago, IL / Senior Project Manager / John led the civil engineering and surveying services for the streetscape improvements along Clark Street from Addison Street to Waveland, enhancing the frontage along Hotel Zachary and associated commercial spaces. Improvements include enhanced pavement and pavers, benches, street trees, bike racks, and bollards. The project included close coordination with Marquee Development, business owners, and the City of Chicago.

UCHICAGO SOUTH CAMPUS LANDSCAPE / Chicago, IL / Civil Department Director / TERRA's site/civil engineering team is leading design services associated with landscape enhancements and pedestrian street crosswalk improvements across the Midway Plaisance for the University of Chicago. The project is intended to improve pedestrian safety and TERRA is leading the design and permitting through the Chicago Department of Transportation.

NORTHWESTERN UNIVERSITY, LINCOLN STREET RECONSTRUCTION* / Evanston, IL / Civil Engineer / Planning, design, and construction administration for the replacement of a portion of Lincoln Street to provide a pavement section that will protect the public utility infrastructure below the street. Project included extensive coordination between the University and the City of Evanston through both the design and construction phases.

PARK DISTRICT OF OAK PARK, BARRIE PARK / Oak Park, IL / Senior Project Manager / TERRA led the site/civil engineering and landscape architecture efforts for the redevelopment of the Village of Oak Park's Barrie Park. The project features new playground areas, outdoor exercise equipment, revitalization of the existing sledding hill, site lighting, repairs to the sledding hill structure and onsite retaining walls, and site drainage improvements. The new playground design also emphasizes accessibility and sensory improvements to promote inclusivity within the community.

*Experience prior to joining TERRA Engineering, Ltd.

KEVIN HEJTMANEK, PE

Assistant Project Manager

EDUCATION

Bachelor of Science in Civil Engineering
Michigan State University, 2010

PROFESSIONAL EXPERIENCE

2 years with TERRA
12 years prior to TERRA

LICENSES / CERTIFICATES

Professional Engineer
062-067844 (IL, 2015)
49099-6 (WI, 2022)
89007 (OH, 2023) (inactive)

Certificate of Completion of Capital Development Board Project Manager Training for Architects/Engineers

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

Kevin Hejtmanek has served as the project engineer and project manager on dozens of site development and other civil engineering projects, including commercial, residential, institutional and transportation projects. Kevin has worked for a diverse range of clients, both public and private. He has worked on projects encompassing a large geographic footprint: in at least 20 states and dozens of municipalities with a special focus on the City of Chicago and the State of Illinois. Kevin has diverse technical skills in all aspects of civil engineering design and is an experienced project and client manager with expertise in keeping projects running smoothly on time and on budget. Kevin has a particular affinity for sustainability forward-thinking engineering - both on an overall project level and as pieces of a larger picture.

PEORIA AMPHITHEATER / Peoria, IL / Project Manager / Design and construction of an amphitheater located along the riverfront in downtown Peoria. Design-build process included a stage structure with foundations, loading dock and amenities with landscaping, hardscape improvements, and stormwater upgrades. The design process looked to best utilize the riverfront space as gathering space and to attract large name musical acts. Tasks as project manager included all aspects of civil engineering design, coordination with the client, owner, and project team.

STUDIO ARQ GREENVILLE PLAZA / Greenville, IL / Project Manager / Streetscape project to transform a full block in downtown Greenville from a vehicular oriented road into a pedestrian friendly plaza and community gathering and event space. Project manager for all aspects of civil engineering including layout, utility design and relocation, stormwater management, grading and drainage and accessibility. Project also included significant landscape architecture and accommodation for future adjacent developments.

WO #1: IL 83 AT IL 38 CULVERT RECONSTRUCTION / DuPage County, IL / Civil Engineer / Civil Engineer for project that involved reconstruction of existing culvert running underneath IL 83, construction of a retaining wall, and drainage adjustments downstream of the culvert. Involved in design, permitting, specifications, and cost estimates, as well as maintenance of traffic, traffic analysis, and status of utilities coordination.

WO #2: 130TH STREET BRIDGE REHABILITATION AT CSSS RAILROAD, IHB RAILROAD, AND I-94 / Cook County, IL / Civil Engineer / Civil Engineer for bridge substructure and superstructure repair along 130th Street. Project involved a median crossover maintenance of traffic scheme over the course of the two roadway bridges undergoing rehabilitation. Involved in design, permitting, specifications, and cost estimates; temporary traffic signal design and coordination; maintenance of traffic, detour planning, and traffic analysis; and status of utilities coordination.

ILLINOIS STATE POLICE – PAWNEE TRAINING FACILITY / Pawnee, IL / Project Manager / Design of a new police training facility for the state police at an existing facility. Design concepts included a new race track, road crossings, railroad crossings, and a bridge abutment. Worked closely with our client to deliver a phase 1 design and supporting documents to IDOT and ISP with phase 2 design in progress.

CHICAGO DEPARTMENT OF WATER MANAGEMENT | SEWER IMPROVEMENTS* / Chicago, IL / Project Engineer / Work includes data collection and initial assessments, coordination of survey and geotechnical engineering, utility coordination, sewer alignments and profiles, structural design, compliance with IEPA water sewer separation requirements, cross sections/ typical sections, traffic control and detours, surface drainage design, permitting, constructability reviews, IEPA bid packaging, and Quality Assurance/Quality Control.

**Experience prior to joining TERRA Engineering, Ltd.*

DUSTIN ERICKSON, PE, CFM

QA/QC Reviewer

EDUCATION
Bachelor of Science
Civil Engineering
University of Illinois
at Urbana-Champaign, IL (2001)

PROFESSIONAL EXPERIENCE
16 years with TERRA
8 years prior to TERRA

LICENSES / CERTIFICATES
Professional Engineer
062.059112 (IL, 2006)

Certified Floodplain Manager
IL-18-00825 (IL 2018)

PROFESSIONAL AFFILIATIONS
Association of State Floodplain Managers (ASFPM)
Illinois Association of Floodplain and Stormwater Management (IAFSM)

As Senior Project Manager, Mr. Erickson works with project managers, clients, design professionals, and governmental agencies on municipal projects from schematic design through permitting and construction. His work experience in design and construction includes streetscape, bicycle paths, residential, commercial, municipal, and institutional projects.

ROOSEVELT ROAD STREETSCAPE IMPROVEMENTS / Oak Park, Berwyn, Cicero, IL / Senior Project Engineer / As the engineering member of the streetscape planning team, TERRA assisted in shaping the concept and focus of the project along the state highway bordering the communities. Prepared the Project Development Report while simultaneously preparing the design documents for the work. The project involved the replacement of 1.5 miles of curb; sidewalk and driveway reconstruction; storm sewer; variable HMA pavement milling and resurfacing; streetlight removal and replacement; temporary traffic signals; and construction of streetscape amenities such as ornamental lighting, planters and trees.

OAK PARK AVENUE STREETSCAPE / Oak Park, IL / Senior Project Engineer / The streetscape of several blocks of Oak Park Avenue required considerable coordination with all utilities, including Chicago Transit Authority, Pace Bus, Union Pacific Railway, Metra, and the Village of Oak Park. In addition to streetscape construction, the project also removed and replaced combined sewer mains and water main.

DOWNTOWN STREETSCAPE IMPROVEMENTS / Oak Park, IL / Senior Project Engineer / Senior project engineer for design and full re-construction of approximately 1600-Ft. of existing asphalt and concrete curb and gutter street sections along S. Marion St. and North and South Oak Park Avenue in the Village of Oak Park, IL. Full replacement of the street sections included removal and replacement of 2,387-Ft. of water main, 5,254-Ft. of combined and sanitary sewer main, and 430-Ft. of Cured In Place Pipe (CIPP) combined sewer rehabilitation. Also applied for and obtained permits from the Village of Oak Park, Illinois Environmental Protection Agency (IEPA), Illinois Historic Preservation Agency (IHPA), and the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC). Attended and participated in coordination meetings with the Village of Oak Park, business owners, utility companies, the construction manager, and design team professionals during the design stage and throughout construction.

MARION STREET STREETSCAPE / Oak Park, IL / Senior Project Engineer / The complete streetscape overhaul of several blocks of Marion Street included a granite curb and gutter with individually laid brick street. The project required extensive utility coordination, and was completed on time with an aggressive schedule with preliminary design beginning in January in 2011, groundbreaking in early June 2011, and ribbon cutting in December 2011.

DOWNTOWN STREETSCAPE / Elmwood, IL / Senior Project Engineer / Mr. Erickson served as senior project engineer for this downtown revitalization project. His responsibilities included Phase I CS-II Project Development Report (PDR), Phase I demolition, grading, and utility design. Phase II demolition, grading, and utility drawings are currently in the design phase.

BROOKMERE BRIDGE OVER MATTESON AVENUE / Matteson, IL / Senior Project Engineer / Prepared a project manual and cost estimates to complete construction of a bridge over Butterfield Creek located within the Brookmere subdivision in Matteson, IL. Reviewed and responded to Requests for Information (RFI's), reviewed and authorized progress and final payments to the contractor, and performed progress and final inspections throughout construction.

*Experience prior to joining TERRA Engineering, Ltd.

TERRA ENGINEERING LTD.

ROB NEWELL

Project Coordinator

Mr. Newell has been involved in civil/site design and transportation projects over the past 19 years. He is well experienced in designing local roadways, commercial sites, industrial sites, and stormwater management facilities. Mr. Newell has experience designing, inspecting, and reviewing dozens of site development projects and more than 40 roadways of varying types and uses.

OAK PARK AVENUE STREETSCAPE & INFRASTRUCTURE IMPROVEMENTS / Oak Park, IL / Senior Project Designer / Mr. Newell provided civil engineering services for improvements on Oak Park Avenue in a technical leadership role to design full street reconstruction with an emphasis on streetscaping and underground infrastructure improvements. The underground infrastructure improvements will rehabilitate and replace sewer mains and water mains that have been in continual use for approximately a century. Oak Park Ave serves as a business and community hub with access to parks, busses, train stations, outdoor dining, and public gathering spaces.

DIVISION STREET CHICAGO DEPT. OF TRANSPORTATION / Chicago, IL / Senior Project Designer / Mr. Newell is responsible for civil engineering services for roadway and infrastructure improvements within a streetscaping-style reconstruction of Division Street, designed to meet Chicago DOT standards and specifications. This block of Division Street is seen as an essential community-focused block, including extensive dining and night-life focused businesses, festivals, and farmer's markets. With input from public engagement, the streetscape reconfiguration focused on adding much needed sidewalk space to enhance adjacent outdoor business uses, such as outdoor dining. The roadway was narrowed considerably, putting a larger focus on pedestrian use. This focus also allowed installation of decorative plantings and street trees, both of which were unfeasible in the previous configuration.

PROFESSIONAL EXPERIENCE
5 years with TERRA
14 years prior to TERRA

CONNOR BURNETT, EIT

Civil Engineer II

Connor is a design engineer for the site development department of TERRA. Responsibilities include developing construction documents to meet various state and local municipality ordinances, performing calculations for stormwater systems, designing grading and utilities in 3D, and drafting site plans to meet TERRA, client, and municipality standards.

OAK PARK AVENUE STREETSCAPE / Oak Park, IL / Design Engineer / As part of a larger renovation project in the Village of Oak Park to promote business growth and community use, a full streetscape renovation of Oak Park Avenue was done. This included new sewer and water utilities being installed along with a new sidewalk and road layout being designed. His role in the project was working on the overall streetscape design as well as the sewer and water utility design. He also aided with coordination between the client and multiple disciplines, including electrical, landscape, and traffic teams. Alongside the design aspect of the project, he worked on the schedule of quantities and specifications for contractor bidding.

WRIGLEY FIELD, PERIMETER HARDENING / Chicago, IL / Design Engineer / TERRA is collaborating with the Chicago Cubs to implement perimeter hardening of Wrigley Field and Gallagher Way. This includes strategic installation of fixed, removable, and operable barriers to serve the daily operations of the ballpark and surrounding areas. The north side of the Addison Street right-of-way will also be redeveloped to further enhance the pedestrian experience at Wrigley Field. The proposed barriers will require extensive coordination with the existing utilities and the City of Chicago.

EDUCATION
Master of Science
Civil & Environmental Engineering
University of Wisconsin – Madison
(2023)

Bachelor of Science
Environmental & Ecological Engineering
Purdue University (2022)

PROFESSIONAL EXPERIENCE
2 years with TERRA

LICENSES / CERTIFICATES
Engineer In Training
1515054 - 500 (WI, 2023)

TERRA ENGINEERING LTD.

CHRIS HUTCHINSON, PE, PTOE

Traffic Practice Lead

Mr. Hutchinson has acquired more than 25 years of experience in providing civil and traffic engineering services for a variety of projects and clients. As a Professional Traffic Operations Engineer, Chris has certification in the specialized application of traffic operations engineering. As Traffic Practice Lead he is responsible for managing all traffic projects and personnel at TERRA. His experience includes serving as the traffic engineer on numerous roadway projects and traffic impact studies.

WASHINGTON & WISCONSIN SIGNAL INSTALLATION / Oak Park, IL / Traffic Engineer / This project will convert the existing stop-controlled intersection to a signalized intersection with left turn lanes and the addition of through movements on Wisconsin Ave. Additionally, it includes final development and approval of the IDS with IDOT District One. TERRA will be responsible for completing and submitting Pre-Final plans to IDOT. Chris was responsible for the traffic portion of the intersection design study and the design of the new traffic signals to be installed at the intersection. Oak Park will complete Final plans and Submit to IDOT after TERRA reviews.

HAWK SIGNAL INSTALLATION / Oak Park, IL / Traffic Engineer / TERRA is providing engineering services for the installation of a Modified High Intensity Activated Crosswalk (HAWK) Signal for both pedestrian and bicycle crossings of Chicago Avenue at the intersection of Harvey Avenue. This intersection is a designated safe routes to school crossing and on the Village's proposed Neighborhood Greenway Network which is a bicycle boulevard network. The HAWK Signal is intended to have both passive and actuated detection of bicyclists in order to not require cyclists to dismount to activate the signal. As project manager, Chris' responsibilities include design of the signals, crosswalks, and detection system at the intersection.

EDUCATION
Bachelor of Science
Civil Engineering
Washington University
St. Louis, MO (1996)

PROFESSIONAL EXPERIENCE
16 years with TERRA
12 years prior to TERRA

LICENSES / CERTIFICATES
Professional Engineer
062.059625 (IL, 2007)

Professional Traffic Operations Engineer (PTOE), 2005, # 1797

PROFESSIONAL AFFILIATIONS
Engineers Club of St. Louis,
Board of Directors –
2008-10, 2013-15, 2019-21

KELLEY DAVIS, PE

Regional Transportation Market Lead

Kelley is a recent hire to TERRA: a solid Civil Engineering Leader with more than 26 years of experience, specializing in roadway, multi-modal infrastructure, and stormwater design. Proficient in MicroStation, ArcGIS Pro, and AutoCAD, with a proven track record of leading teams to deliver high-value projects exceeding $2 million in revenue. Kelley demonstrates a strong commitment to safety and innovation, having designed and supervised the implementation of advanced engineering solutions. Kelley is Local Public Agency (LPA) certified with MoDOT and currently serves on the Statewide MoDOT LPA Advisory Committee.

GREAT RIVERS GREENWAY, BRICKLINE GREENWAY MARKET STREET SEGMENT / St. Louis, MO / Project Manager/ Kelley served as the project manager for the design of a 0.3-mile segment of the Brickline Greenway, extending from Compton Avenue to 22nd Street along Market Street in St. Louis, Missouri. The design featured a major road diet to accommodate a 12-foot-wide shared-use path and a parallel longitudinal pedestrian park, creating a vibrant, pedestrian-friendly corridor. Additional improvements included the installation of new curb-and-gutter, a mid-block crossing for enhanced pedestrian safety, upgraded signals and lighting, and wayfinding signage to improve navigation. The project also involved utility coordination throughout the project to ensure minimal disruptions to existing infrastructure. Working on an accelerated schedule to meet the client's needs, Kelley ensured all deliverables were completed on time. Construction for the project is currently underway.

EDUCATION
Master of Science, Civil Engineering, University of Tennessee, Knoxville TN (2000)

Bachelor of Science, Civil Engineering, University of Tennessee, Knoxville TN (1998)

PROFESSIONAL EXPERIENCE
Joined TERRA in 2025
28 years prior to TERRA

LICENSES / CERTIFICATES
Professional Engineer
2007002774 (MO, 2007)

PROFESSIONAL AFFILIATIONS
ACEC Missouri, APWA Missouri, Engineers Club of St. Louisdates

TERRA ENGINEERING LTD.

DAVID LANDEWEER, PE, ESP

Senior Transportation Project Manager

Mr. Landeweer is responsible for the preparation of engineering plans and specifications, project reports and other work related to transportation design and site development work. His experience includes all phases of transportation and site engineering, including preliminary and conceptual engineering and phase II plan preparation. His transportation experience includes engineering design for local roads and streets, arterial roadways, and expressways. He also has extensive experience in bicycle path design.

BERWYN DEPOT DISTRICT STREETSCAPE / Berwyn, IL / Project Manager / Project Manager for the preparation of a Phase I Project Development Report and Phase II Plans, Specifications, and Estimates for the construction of a streetscape improvement along Stanley Avenue and Windsor Avenue between Harlem Avenue and Ridgeland Avenue and along Oak Park Avenue between 31st Street and Ogden Avenue within the historic Depot District of the City of Berwyn. The streetscape improvement consisted of a combination of resurfacing and reconstruction of the roadways with all new curb and gutter. Roadway widths were modified to reflect increased sidewalk widths at various locations as well as better defining of the locations of on-street parking. The project also consists of new street lighting, the modernization of existing traffic signals, addition of streetscape amenities such as bike shelters, improved landscaping, benches, and other items associated with a streetscape project.

EDUCATION
Bachelor of Science
Civil Engineering
Valparaiso University
Valparaiso, IN (1980)

PROFESSIONAL EXPERIENCE
10 years with TERRA
36 years prior to TERRA

LICENSES / CERTIFICATES
Professional Engineer
062.042363 (IL, 1985)

EnvisionTM Sustainability
Professional

KEVEN GRAHAM, FASLA, PLA, CLARB

Landscape Architecture Director

Keven has more than 30 years of experience in the enhancement and revitalization of public and private green spaces, including the preparation of final design and construction documents as well as the research and preservation of historic landscapes. He is actively involved in the creation of environmentally sustainable design solutions for site development and has assisted in writing sustainable design development metric and ordinances.

DR. PERCY JULIAN CHICAGO AVENUE STREETSCAPE / Oak Park, IL / Landscape Architect / Provided analysis and condition assessment of the corridor to identify opportunities for incorporating proposed identity markers into the streetscape design. TERRA also evaluated the Village's Vision Zero plan for opportunities to improve safety through the Chicago Avenue corridor and developed design standards for the improvement areas within the right-of-way.

OAK PARK AVENUE STREETSCAPE / Oak Park, IL / Landscape Architect / Prepared schematic design and assisted with the public engagement for the redesign and enhancement of the Oak Park Avenue business district.

CDOT) DIVISION STREET STREETSCAPE / Chicago, IL / Landscape Architecture / Directed the design and planning for the re-design of historic Division Street a high activity entertainment zone.

EDUCATION
Bachelor of
Landscape Architecture
Iowa State University (1989)

PROFESSIONAL EXPERIENCE
8 years with TERRA
25 years prior to TERRA

LICENSES / CERTIFICATES
Registered Landscape Architect:
Illinois 157-000150 (IL, 1991

**Experience prior to joining TERRA Engineering, Ltd.*

TERRA ENGINEERING LTD.

JENNIFER DRAPER, PLA, ASLA, LEED AP

Senior Landscape Architect

Jennifer brings a versatile background in urban planning and landscape architecture, having worked in both Chicago and the UK. She maintains a strong ecological focus and strives to work with the landscape and its context to bring innovative solutions to problems within the urban environment. Her areas of expertise include pedestrian-orientated developments, amenity roof decks, educational spaces, and native planting.

CDOT DIVISION STREET / Chicago, IL / Project Manager / TERRA is leading the redesign and implementation of one of Chicago's premier nightlife destinations. Located within the Gold Coast neighborhood, the streetscape will contain unit paving, catenary lighting, custom street furniture, and outdoor dining to revitalize the neighborhood. The design will improve the pedestrian experience by widening the walkways and providing flexibility for events. Ms Draper is the project manager and prime consultant which includes coordination with CDOT, local stakeholders, and leading community engagement sessions.

MCCORMICK PLACE PRAIRIE AVENUE SHARED STREET* / Chicago, IL / Project Manager / Working with Metropolitan Pier Exposition Authority (MPEA) as the client, the existing asphalt road was transformed into a shared street with clay unit pavers, custom precast planters, lighting, trees, and planting. Serving as the lead for the design and management of the realigned street, the work was done in conjunction with the larger McCormick place renovations for a consistent materials palette. Work included coordination with CDOT on road realignment and traffic sign locations.

EDUCATION
Master of Arts
International Planning
and Sustainable Design
University of Westminster
United Kingdom (2010)

Bachelor of
Landscape Architecture
Iowa State University (2004)

PROFESSIONAL EXPERIENCE
7 years with TERRA
14 years prior to TERRA

LICENSES / CERTIFICATES
Registered Landscape Architect:
157.001663 (IL, 2018)

MATT WESTERKAMP, PLS

Survey Practice Lead

Mr. Westerkamp is a land surveyor (SI) with over 20 years of experience in the profession. He is experienced in both the field and office aspects of surveying and is proficient in the use of GPS and robotic total station survey technology, digital levels, laser scanning technology and a variety of CADD, point cloud & COGO software packages. He is also skilled in the preparation of various survey documents, including legal descriptions, ALTA/NSPS Land Title Surveys, Plats of Survey, Right of Way Plans, Plats of Highway, Plats of Subdivision, Plats of Vacation, Dedication and Annexation, and Topographic Surveys.

OAK PARK AVENUE / Project Surveyor / Prepared topographic survey of streets and alleys for a portion of the Oak Park Avenue Corridor from Randolph Street north to Ontario Street for design purposes. Mr. Westerkamp also prepared temporary easements along this path for the planned reconstruction that involved private entranceways.

EVANSTON MAIN STREET / Evanston, IL / Project Surveyor / Mr. Westerkamp served as Project Surveyor for the preparation of Plats of Highway for temporary easements associated with streetscape improvements along Evanston's Main Street corridor for the City of Evanston. TERRA also performed a Topographic Survey of the Main Street corridor for design.

METRA UNIVERSITY PARK CREW FACILITY DESIGN & NEPA SERVICES / University Park, IL / Mr. Westerkamp served as Project Surveyor and provided surveying services for the Boundary & topographic survey as a subconsultant to Architrave for Metra.

EDUCATION
Bachelor of Arts
Psychology
Purdue University Northwest (2008)

PROFESSIONAL EXPERIENCE
2 years with TERRA
18 years prior to TERRA

LICENSES / CERTIFICATES
Professional Land Surveyor
035.004148 (IL, 2011)

TERRA ENGINEERING LTD.

DON FREESTON, PE

Director of Electrical Engineering

Mr. Freeston manages TERRA Engineering's Electrical Engineering division for which he directs overall team activities and is responsible for personnel project assignments and deadlines. In addition, he manages numerous design projects, writes project proposals in response to Requests for Proposal from clients, and markets to potential new clients. Mr. Freeston is also responsible for quality electrical engineering on design projects for industrial/manufacturing facilities, data centers, commercial buildings, higher education, military bases, healthcare, and public schools in which he prepares electrical specifications, and designs permit and construction drawings. In addition, Mr. Freeston is responsible for quality assurance and quality control for projects, signing and sealing permit drawings, and approving construction drawings.

EDUCATION
Bachelor of Science
Electrical Engineering
Southern Illinois University (1999)

PROFESSIONAL EXPERIENCE
2 years with TERRA
25 years prior to TERRA

LICENSES / CERTIFICATES
Professional Engineer
062.059453 (IL, 2006)

OAK PARK AVENUE / Oak Park, IL / Project Engineer / Design for new streetscape for Oak Park Ave. Electrical project engineering to design power feeds to new decorative street light lighting, architectural lighting, convenience receptacles, and Electric Vehicle (EV) Chargers. TERRA provided the electrical design of the two (2) new electrical services and controller cabinets, site electrical power distribution system, including conduit layout, hand-holes, and receptacle pedestals. Provide bid documentation and bid evaluation assistance.

ELECTRICAL IMPROVEMENTS AT LIBERTY SQUARE / Wheaton, IL / Project Engineer / Wheaton had an existing 240V, single phase electrical service at Liberty Square which currently feeds some railroad loads, traffic signals, and irrigation. Wheaton was interested in upgrading the electrical service to feed the existing loads and future receptacles for holiday lighting. Wheaton was also interested in making provisions within the new upgraded electrical service for an electric bicycle charging station.

WILL PENNIX

Senior Electrical Project Engineer

Mr. Pennix is a Senior Project Electrical Engineer for the Electrical Engineering Division. He manages numerous design and construction projects, writes project proposals in response to Requests for Proposals from clients, and markets to potential new and existing clients. Mr. Pennix has experience in power distribution, lighting, and controls for nuclear, commercial, industrial, oil/gas and institutional clients.

EDUCATION
Bachelor of Science in Electrical Engineering, Illinois Institute of Technology

PROFESSIONAL EXPERIENCE
1 year with TERRA
25 years prior to TERRA

LICENSES / CERTIFICATES
Project Management Training (PMT), University of Illinois Chicago

OAK PARK AVENUE / Oak Park, IL / Project Engineer / Design for new streetscape for Oak Park Ave. Electrical project engineering to design power feeds to new decorative street light lighting, architectural lighting, convenience receptacles, and Electric Vehicle (EV) Chargers. TERRA provided the electrical design of the two (2) new electrical services and controller cabinets, site electrical power distribution system, including conduit layout, hand-holes, and receptacle pedestals. Provide bid documentation and bid evaluation assistance.

119TH STREET AND MARSHFIELD SHOPPING MALL / Chicago, IL / Electrical Engineer /This project was the design of new retail space. The electrical design scope of work was to provide lighting design for site lighting. Included in this scope was photometric, utility service coordination, lighting control and circuit distribution. Mr. Pennix was the Electrical Engineer and assumed design responsibilities for the project.

HUBBARD STREET CAVE I-90/94 / Chicago, IL / Electrical Engineer / Project involves the replacement of roadway lighting for Hubbard Cave. Fixtures needed to be upgraded to more efficient HID fixtures with upgraded controls. Design included the specification of light fixtures, coordinating 120V power and distribution and controls. Mr. Pennix was the Electrical Engineer on the project and assumed design responsibilities for the project.

**Experience prior to joining TERRA Engineering, Ltd.*

TERRA ENGINEERING LTD.

JAMES PRESCOTT

Managing Director, (Prescott Group LLC)

James Prescott has developed and managed successful public affairs programs throughout his career, which began in the press office of the longest-serving governor in Illinois history. He has worked with clients in energy, commercial development, transportation, public infrastructure, higher education, biopharmaceuticals, and other industries that require strategic communication, stakeholder outreach and government advocacy.

His approach consistently helps clients earn support for their initiatives, gain approval for their projects, build stakeholder trust, protect and strengthen their reputations, and elevate awareness to reach their objectives.

RELEVANT EXPERIENCE

- Communication management and public affairs outreach to support government infrastructure projects.
- Public affairs outreach and government relations for carbon capture and storage, wind, solar, pipeline, and hydrogen projects in multiple states.
- Strategic communication and government relations for a proposed multi-billion water infrastructure project.
- State government relations for the largest arboretum in the world known for programs and initiatives for the conservation and planting of trees.
- Strategic communication and public affairs outreach in connection with multiple commercial development projects.
- State government relations on behalf of a bio-pharmaceutical client that makes public health vaccines and an opioid-overdose antidote.

SALLY PRESCOTT

Director, Outreach and Client Services, (Prescott Group LLC)

Sally Prescott brings a tireless “pound the pavement” approach to Prescott Group clients. For instance, she knocked on every door on Lake Street on the coldest and hottest days of the year to ensure businesses were aware of upcoming improvement projects and where to find construction information. As the first Special Events Manager at the James R. Thompson Center in Chicago, she understands the challenges associated with creating events. For clients, she manages the production of support materials from concept to delivery.

Prior to becoming involved with Prescott Group, Sally successfully managed her own businesses for more than 20 years, which prepared her to efficiently direct client services for Prescott Group.

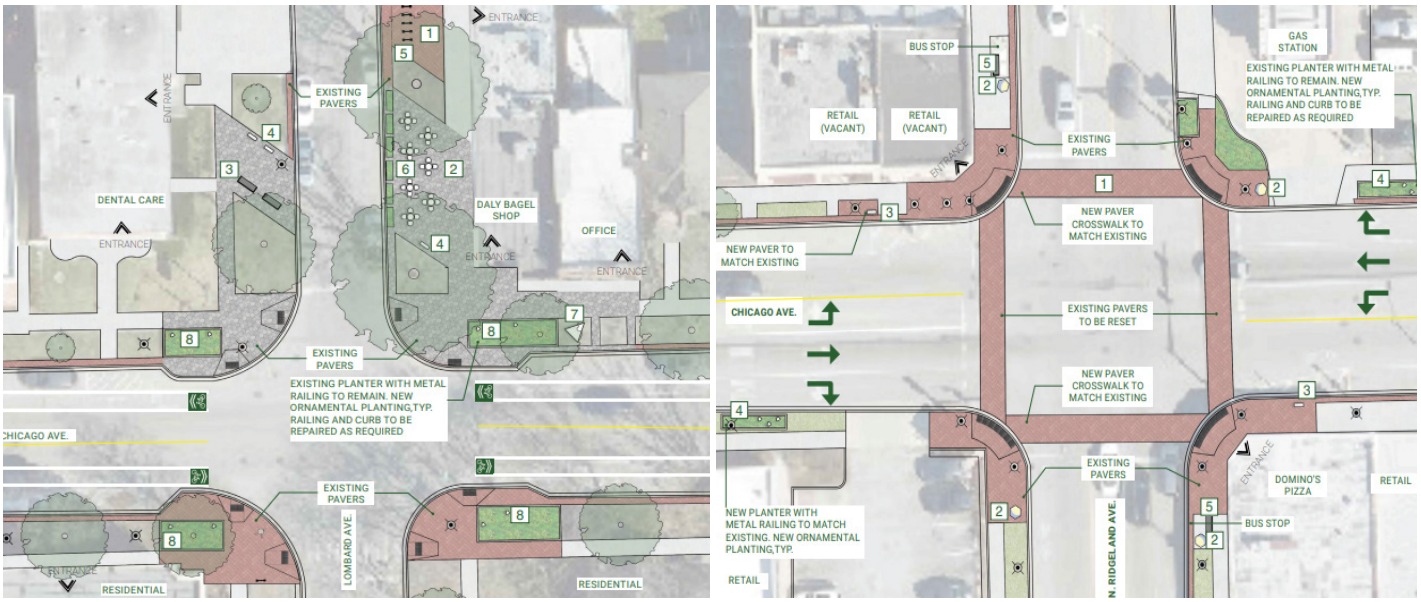
Sally has held leadership roles with charitable and community organizations, including the board of directors of West Suburban PADS (now known as Housing Forward), Oak Park-River Forest Infant Welfare Society, Oak Park Women’s Guild, Newcomers Club and BRAVO, the award-winning performing arts program at Brooks Middle School.

She also was co-founder/owner of Ovation Performing Arts Academy, which opened its doors in Oak Park in September 2014. Sally graduated from Illinois State University.

DR. PERCY JULIAN – CHICAGO AVENUE STREETSCAPE

Oak Park, Illinois

CHICAGO AVENUE STREETSCAPE HONORING DR. PERCY JULIAN



Dr. Percy Julian left his mark and legacy on Oak Park and Chicago Avenue. Dr. Julian moves his family to Oak Park in 1950 to establish his home at the intersection of Linden Avenue and Chicago Avenue. Throughout his time there the property was an important social connection as residents would come to see the hundreds of spring tulips he planted. Dr. Percy Julian was a noted and leading chemist in the development of groundbreaking technologies. The Village has determined a portion of the corridor be branded with information celebrating his life and achievements. The identity and vision for the streetscape bring identity markers, augmented wayfinding, and street furnishing to celebrate his life and achievements. The planning process includes evaluation by TERRA to incorporate the Villages' recent "Vision Zero" plan and identify where the existing street improvements need repair.

TERRA provided analysis and condition assessment of the corridor to identify opportunities for incorporating proposed identity markers into the streetscape. TERRA was also responsible for the evaluation of the Vision Zero impact and opportunities to improve safety. Providing input into the constructability and how the proposed imporvements will need to be constructed to meet engineering and roadway standards. Developed design standards for the proposed improvement areas within the R.O.W.

CLIENT
Village of Oak Park

CONTACT
Darrell Garrison
Planning Resources
913 Parkview Blvd.
Lombard, IL 60148
630.668.3788
dgarrison@planres.com

CONSTRUCTION
N/A

DATES
2025

SERVICES
Landscape Architecture
Traffic Analysis
GIS

OAK PARK AVENUE
RESURFACING, UTILITIES, STREETSCAPE

Oak Park, Illinois

The Village of Oak Park engaged TERRA to "Renew The Avenue". TERRA provided Phase I/II design, construction documentation, and stakeholder engagement processes for the underground water and sewer main improvement, street resurfacing, and building-to-building streetscaping of Oak Park Avenue in the Hemingway Business District.

The proposed construction project includes asphalt resurfacing Oak Park Avenue from Randolph St. to Pleasant St., and Lake St. to Ontario Blvd., water and sewer main replacement from Pleasant St. to Ontario Blvd., lining the existing sewer in adjacent blocks, bicycle route safety improvements at Pleasant St., and updated fiber-optic installations from Madison St. to Lake St.

Designed from Pleasant St to Lake Street, and in Hunter Court, is a new building-to-building streetscape with decorative sidewalks, paver roadways, rain gardens, signal modernization, the lowering of Oak Park Avenue beneath the Union Pacific and Chicago Transit Authority (CTA) viaduct underpass for improved bridge height clearance, new street and pedestrian lighting, decorative artist installations, reconfigured pedestrian and restaurant spaces, updated street signage, pavement striping, and new overhead signature Oak Park Avenue signs at the viaduct.

TERRA is also providing continuing design and administrative services during construction phases.

CLIENT
Village of Oak Park

CONTACT
Bill McKenna, Village Engineer
201 South Boulevard
Oak Park, IL 60302
708.358.5700
mckenna@oak-park.us

CONSTRUCTION
$18M

DATES
2019 - 2026

SERVICES
Civil Engineering
Transportation Engineering
Landscape Architecture
Surveying
Structural Engineering
Electrical Engineering
Traffic Engineering

TERRA ENGINEERING LTD.

CDOT DIVISION STREET STREETSCAPE

Chicago, Illinois

TERRA is leading the redesign and implementation of one of Chicago's premier nightlife destinations. Located within the Gold Coast neighborhood, the streetscape will contain unit paving, catenary lighting, custom street furniture, and outdoor dining to revitalize the neighborhood. The design will improve the pedestrian experience by widening the walkways and providing flexibility for events. TERRA's Landscape Architecture and Traffic Engineering teams coordinates with CDOT, local stakeholders, and lead community engagement sessions.

CLIENT
CDOT

CONTACT
Lubica Benak
CDOT
2 N LaSalle St, Suite 950
Chicago, IL 60602
312.744.3600
Lubica.Benak@cityofchicago.org

CONSTRUCTION
N/A

DATES
2023 - 2024

SERVICES
Landscape Architecture
Traffic Engineering

TERRA ENGINEERING LTD.

CITY OF MORRIS - DOWNTOWN STREETSCAPE

Morris, Illinois

TERRA Engineering is providing professional Civil Engineering and Landscape Architecture services to the City of Morris for their Downtown Streetscape project.

TERRA is providing visioning, design, and engineering for streetscape improvements to Liberty Street from just north of Illinois Avenue to north of the CSX Railroad, a total length of approximately 2,800 linear feet. The project includes a thorough public engagement campaign to understand, identify, and outline the community's vision for the streetscape project. Preliminary and final engineering and landscape architecture will integrate the community's vision into the historic built environment of downtown Morris.

The proposed design elements include new sidewalks, new pavement including resurfacing, new intersection improvements including sidewalk curb ramps and pedestrian push buttons; new street lighting; modifications to existing traffic signal equipment; and new landscape architecture elements such as pavers, landscaping, trees, street furniture, and signage. The project also includes a review and update to the City's lead service replacement program to better assist the City in capturing available grant funding. TERRA is also maintaining a live, detailed construction estimate in bid-year dollars to thoughtfully navigate the visioning and engineering more thoughtfully.

TERRA is contacted through all phases of this project: Visioning, Public Engagement, Preliminary and Final Design, and Construction Management.

*Pre Construction Photos

CLIENT
City of Morris

CONTACT
Stan Knudson, Community Affairs Director
City of Morris
700 N. Division Street
Morris, IL 60450
815.585.7441
sknudson@morrisil.org

CONSTRUCTION
~$10 Million

DATES
2026 - 2029

SERVICES
Structural
Landscape Architecture
Electrical
Construction Management
Transportation
Traffic Engineering
GIS

FINANCIAL RESPONSIBILITY

TERRA
ENGINEERING LTD.

Financial Institution Questionnaire: Proof of Good Standing

Date: May 13, 2025

To be completed by a representative of the financial institution:
We are requesting confirmation that the firm listed below is in good standing with your institution for the purposes of establishing or maintaining a client relationship.

1. Company Information

- **Company Name:** Terra Engineering, Ltd.
- **Company Address:** 225 W. Ohio Street, 4th Floor, Chicago, IL 60654
- **Account Name(s):** Terra Engineering, Ltd.
- **Account Number(s):** (Last 4 digits only) 1340

2. Institution Information

- **Name of Financial Institution:** JPM Chase Bank
- **Address:** 10 S. Dearborn Chicago, IL 60603
- **Contact Name:** Matthew Sherman
- **Contact Title:** Sr. BRM
- **Phone:** 312.954.5731
- **Email:** matthew.m.sherman@chase.com

3. Status Confirmation

Please respond to the following statements:

1. The above-named firm maintains an account(s) with your institution.
   ☑ Yes ☐ No
2. The account(s) are currently active and in good standing.
   ☑ Yes ☐ No
3. There have been no significant issues such as overdrafts, defaults, or compliance concerns related to these accounts in the past 12 months.
   ☐ Yes ☑ No
4. The firm has maintained a satisfactory relationship with your institution.
   ☑ Yes ☐ No
5. Additional Comments (if any):

4. Authorization and Signature
We appreciate your cooperation in providing this information. Please complete and return the signed form to the contact below.

Authorized Representative Name (Print): Matthew Sherman

Signature: matthew sherman
Title: Sr. BRM
Date: 05/13/2025

Illinois Department of Transportation
2300 South Dirksen Parkway / Springfield, Illinois / 62764

August 20, 2025

Subject: PRELIMINARY ENGINEERING
Consultant Unit
Prequalification File

Jamil Bou-Saab
TERRA ENGINEERING, LTD.
225 W. Ohio Street, 4th Floor
Chicago, IL 60654

Dear Jamil Bou-Saab,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Dec 31, 2024. Your firm's total annual transportation fee capacity will be $35,200,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 157.41% are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Bureau of Investigations and Compliance in a pre-award audit. Pursuant to 23 CFR 172.11(d), we are providing notification that we will post your company's indirect cost rate to the Federal Highway Administration's Audit Exchange where it may be viewed by auditors from other State Highway Agencies.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until December 31, 2025. You will be given an additional si› months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

Sincerely,
Jack Elston, P.E.
Bureau Chief
Bureau of Design and Environment

SEFC PREQUALIFICATIONS FOR TERRA ENGINEERING, LTD.

CATEGORY	COMMENT	STATUS
Structures - Highway: Typical		X
Structures - Highway: Simple		X
Special Studies - Feasibility	Very limited experience. Firm will lose prequalification on the next submittal if new experience is not demonstrated.	X
Location Design Studies - Reconstruction/Major Rehabilitation		X
Structures - Highway: Advanced Typical		X
Special Studies - Traffic Studies		X
Hydraulic Reports - Waterways: Complex		X
Special Studies - Signal Coordination & Timing (SCAT)		X
Highways - Roads and Streets	Remove all Phase 1 work from the scope of services as it is irrelevant.	X
Special Services - Surveying		X
Highways - Freeways		X
Special Plans - Traffic Signals		X
Location Design Studies - Rehabilitation		X
Special Services - Landscape Architecture		X
Special Studies - Safety		X
Special Services - Sanitary	Remove all projects that were not performed in or round transportation ROW. Remove on-going projects, only list projects that have been completed.	X
Hydraulic Reports - Waterways: Typical		X
Special Services - Construction Inspection		X
Location Design Studies - New Construction/Major Reconstruction		X
Special Studies- Location Drainage		X
Special Services - Electrical Engineering	Admin & maintenance building experience is not transportation related. Some of the Rail experience seems to be more along lighting category than electrical engineering design.	X

X	PREQUALIFIED
A	NOT PREQUALIFIED, REVIEW THE COMMENTS UNDER CATEGORY VIEW FOR DETAILS IN EPAS.
S	SUSPENDED, WILL NOT ACCEPT STATEMENTS OF INTEREST