



### AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	East State Street Phase III Engineering Services		
Presenter & Title:	Richard Babica, Director of Public Works		
Date:	April 28, 2025		
<b>Please Check Appropriate Box:</b>			
<input checked="" type="checkbox"/>	Committee of the Whole Meeting	<input type="checkbox"/>	Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting	<input type="checkbox"/>	Special City Council Meeting
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	Other -
Associated Strategic Plan Goal/Objective: PGEV-II, SAWC-III, ES-I, ES-II, QIS-III			
Estimated Cost: \$2,265,474.00	Budgeted?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Other Funding? <input type="checkbox"/> Yes <input type="checkbox"/> No
<i>If "Other Funding," please explain how the item will be funded:</i>			
<b>Executive Summary:</b>			
<p>At the January 22, 2013 City Council Meeting, the City entered into a Professional Engineering Agreement with Bollinger, Lach &amp; Associates, Inc. (BLA) to provide design services for the Phase II portion of the East State Street Construction Project. That work has been completed and the project was issued for bid through IDOT. The final phase, construction, is anticipated to begin in 2025 and continue through 2027. BLA has intimate knowledge and experience with the project and over the last twelve years established a level of experience, expertise, and a successful relationship with the City for this project. With their intimate knowledge of the design, and in accordance with the City Code, staff is recommending that the City continue its relationship with BLA through the construction phase of this project. Attached is their thirty-five month proposal to conduct all aspects of the construction phase.</p>			
<b>Attachments:</b> <i>(please list)</i>			
<ul style="list-style-type: none"> <li>• Resolution</li> <li>• Proposal</li> </ul>			
<b>Voting Requirements:</b>			
<p><i>This motion requires a simple majority of affirmative votes for passage. (City Council Only)</i></p> <p><i>The Mayor may vote on three occasions: (a) when the vote of the alderpersons has resulted in a tie; (b) when one half of the alderpersons elected have voted in favor of an ordinance, resolution, or motion even though there is no tie vote; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.</i></p>			
<b>Recommendation / Suggested Action:</b> <i>(how the item should be listed on agenda)</i>			
<p>Recommend Approval of Resolution Authorizing Execution of a Professional Services Agreement with Bollinger, Lach and Associates in the amount of \$2,265,474 for the East State Street Phase III Engineering Services.</p>			

**RESOLUTION NO. 2025-43**

**RESOLUTION AUTHORIZING EXECUTION OF A  
PROFESSIONAL SERVICES AGREEMENT**

**EAST STATE PHASE III ENGINEERING SERVICES  
BOLLINGER, LACH & ASSOCIATES, INC.**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GENEVA, KANE COUNTY, ILLINOIS**, as follows:

**SECTION 1:** That the City Administrator is hereby authorized to execute, on behalf of the City of Geneva, a Professional Services Agreement for the East State Street Phase III Engineering Services for the City of Geneva, in the form attached hereto at Exhibit "A."

**SECTION 2:** This Resolution shall become effective from and after its passage as in accordance with law.

**PASSED** by the City Council of the City of Geneva, Kane County, Illinois, this \_\_\_\_ day of \_\_\_\_\_, 2025

**AYES:** \_\_ **NAYS:** \_\_ **ABSENT:** \_\_ **ABSTAINING:** \_\_ **HOLDING OFFICE:** \_\_

Approved by me this \_\_\_\_ day of \_\_\_\_\_, 2025.

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
City Clerk



April 10, 2025

**VIA EMAIL**

City of Geneva  
 Mr. Rich Babica - Director of Public Works  
 Mr. Brian Davids - City Engineer

Re: Professional Services Proposal – East State Street Reconstruction - Phase III Engineering Services

Mr. Babica & Mr. Davids,

Please see the attached proposal to provide part-time utility relocation assistance and full-time resident engineering services for the reconstruction, streetscape enhancements, and utility improvements for the East State Street reconstruction project. The project was let on March 7, 2025 by the Illinois Department of Transportation (IDOT) with apparent low bidder, R.W. Dunteman Co. at \$30,162,687.60.

It is anticipated that 2025 will consist largely of private utility company facility relocations with the bulk of roadway and utility construction occurring in 2026 and 2027. This proposal provides manhours for part-time utility relocation coordination as well as full-time resident engineering services and project closeout.

The following scope has been defined based on BLA's experience working on similar projects.

## **RESIDENT ENGINEERING SCOPE OF WORK**

### **Preconstruction Meeting**

In this case, IDOT will host the initial preconstruction meeting since the contract will be administrated through IDOT. We suggest having a separate kick-off meeting with the contractor to discuss the project in more detail and establish ground rules for communication and correspondence. These meetings often help resolve issues before they arise and can serve to help to head off potential conflicts by establishing the *rules of the road* early.

### **Timely Problem Resolution**

Construction schedules are often delayed because of delays in decision-making on critical issues that arise during construction. To avoid this, we will hold weekly meetings with the contractor to discuss progress and go over issues that could affect the schedule. By requiring a two-week look-ahead schedule from the contractor at this meeting, we can identify activities that may need to be communicated to residents, business owners, and City officials. We know the importance of completing work on time and what it takes to accomplish the physical work as well as the final records. We pride ourselves in not only making sure the contractors finish their work on time, but that we finish within our budget.

### **Public Communication**

BLA will serve as the Village's on-site point of contact with stakeholders. BLA is always available to attend public meetings and assist with descriptions of work activities. Included in this proposal are three (3) evening meeting presentations to the City of Geneva City Council:

- An initial presentation prior to the start of construction describing the overall improvements
- Yearly update presentations to be conducted during calendar year 2026 and 2027 outlining the work completed and anticipated upcoming work

The BLA Resident Engineer will communicate with the City's Communication Coordinator to relay ongoing activities for public notification. BLA will prepare Monthly Summaries regarding work completed for distribution to City staff and officials.

### **Construction Progress Documentation and Quantities**

BLA follows the standard IDOT procedures for the documentation of construction activities and contract items. Records will include measurements and track any potential cost changes because of quantity overruns/extra work. Tracking change orders and receiving proper prior approval will be a team effort and require communication with the City.

### **ADA/PROWAG Requirements**

BLA has a lot of experience implementing ADA standards on a multitude of projects with varying site conditions. Our team has been trained by IDOT and has had additional in-house training on the new standards and how they should be applied. We have participated in a joint review by IDOT and the FHWA of ADA provisions of local agencies. We are very aware of the critical need for attention to detail required to properly construct access ramps correctly. The only way to ensure compliance is for a BLA engineer to work with the contractor's crews on the three key phases of construction – *excavation, forming and pouring*. Missing one step can result in a substandard final product. Our team will be present to work with the contractor to build it correctly the *first* time, checking forms prior to pouring to ensure cross slopes and longitudinal slopes are correct.

### **Construction Photography**

Digital photos provide an easy way to store and retrieve a visual record of standard work items and extra work. Photos also serve to document the *before* and *after* conditions of properties adjacent to work areas. BLA will provide regular photo updates and digital storage of all project photos at the end of each season.

### **Weekly Reports and Progress Meetings**

BLA will provide weekly reports to monitor progress and locate areas requiring additional effort. BLA will conduct weekly progress meetings with the contractor/stakeholders. These meetings include agendas, past meeting minutes and logs of any authorizations/submittals/requests for information. In addition, we will discuss the status of any utility conflicts and the contractors' anticipated work schedule for the next two weeks. The goal of these meetings is to identify and remove roadblocks to progress. BLA generates minutes that detail the decisions made and the schedule for resolution on open items, so issues are tracked until resolved. This process identifies the individual responsible and date for resolution.

### **Record Drawings**

BLA will revise the contract documents to reflect the as-constructed conditions and adjust the quantities of associated items. Those documents will be delivered as electronic files in the City's preferred format.

### **Material Testing**

This contract includes material testing/documentation with **NASHnal Soil Testing, LLC**. to ensure we are placing material in accordance with project specifications and complying with QC/QA requirements following the IDOT Project Procedures Guide for Material Testing.

### **NPDES Compliance**

As the project area will disturb more than 1 total acre, compliance with the Illinois IEPA National Pollution Discharge Elimination System (NPDES) permit will be required. This proposal includes weekly inspections and reporting of soil erosion and sediment control measures along with dewatering exercises.

### **Construction Layout**

The contractor will provide layout for the project. BLA will use GPS and other associated equipment to provide any construction layout verifications and/or right-of-way staking required.

### **Utility Relocation Coordination**

It is not anticipated that the general contractor (R.W. Dunteman) will mobilize in earnest until the private utility companies in conflict with the work have substantially relocated their facilities (ComEd, Nicor, Verizon, AT&T,

etc.). Therefore, BLA has included manhours and scope to provide part-time inspection and coordination services. This will include routine on-site check-ins and/or meetings with the various utility contractors to ensure the placement of relocated facilities is not in conflict with proposed facilities.

**Progress Schedules**

Contractor schedules reflect the most efficient and cost-effective method to preserve the contractor’s bottom line; however, that may not be the best way to satisfy the City’s commitments to the public. BLA will review preliminary schedules and make sure the City’s needs are met. BLA will promote language in the contract documents that details the City’s stance. Exceptions can, of course, be made, but putting some firm expectations into the contract documents can help keep the contractors focused on meeting not only the physical construction of the plans, but the City’s intent to complete work with the least impact on those who live and work adjacent to it.

**Change Orders**

Extra work is part of the construction process. BLA monitors quantity changes to keep the contract in balance and provide contractors with prompt payment. BLA also strives to identify potential added work with enough notice to allow for review and approval by the City before contractors are forced to delay operations.

**Requests for Information and Submittal Reviews**

BLA strives to return RFIs and submittals to contractors within five working days. Understanding contractors often have questions during ongoing operations, BLA uses prudent judgment and rapid escalation practices to explain situations, promote solutions and gather consensus to avoid delays.

**Grant Paperwork and Reporting**

As this project is funded through multiple State and Federal funding sources, BLA will provide the necessary paperwork to report to these entities (KKCOM, CMAP, IDOT) as required for project compliance.

**RESIDENT ENGINEERING FEES**

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The total fee for the project including all tasks identified above is summarized herein. Detailed information is included within this proposal identifying anticipated schedule of activities, labor/rate/manhour/direct cost breakdowns, and subconsultant scope of work.

**This work shall be performed for a not-to-exceed fee of..... \$2,265,474**

Invoices will be mailed out monthly; payment is to be made within thirty days of receipt.

Please let us know if any of the above information is at variance with your instructions. If this correctly reflects your instructions and is acceptable, please sign below and return a copy for our files.

Thank you for requesting BLA to do this work. Should you have any questions or require additional information please contact us at 630-438-6400.

Sincerely,

**BLA, Inc.**



Daniel B. Bruckelmeyer, P.E.  
President and Chief Executive Officer



Kerry Field, P.E.  
Director of Construction

**ACCEPTANCE**

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**City of Geneva**

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_


**KERRY P. FIELD, P.E.**
*VICE PRESIDENT AND DIRECTOR OF CONSTRUCTION ENGINEERING*


## EDUCATION

*University of Illinois Urbana-Champaign  
B.S. Civil Engineering, 1981*

## PROFESSIONAL REGISTRATION

*Professional Engineer  
Illinois: 062-043291, 1987*

## PROFESSIONAL SOCIETIES

*American Council of Engineering Companies  
American Public Works Association  
Fox Valley Branch  
Illinois Road and Transportation Builders  
Association (IRTBA)*

## SPECIALIZED SOFTWARE

*CMMS  
e-Builder  
ICORS  
MISTIC*

## INDUSTRY ACTIVITIES

*10+ years on IRTBA and IDOT District One  
Forum, Co-Chair for four years*

## EXPERIENCE SUMMARY

Highway construction experience since 1982. Senior Project Manager (Plote Construction) for 11 years overseeing the scheduling and construction of \$20-140 million/year of road construction projects. Vice President (Harry W. Kuhn) of \$80-100 million/year heavy highway contractor (six years). 17 years in IDOT Bureau of Construction; beginning as an inspector providing construction layout, inspection and documentation. Worked as a Resident Engineer on multi-million-dollar expressway projects, ultimately becoming the District One Expressway Construction Supervisor overseeing all expressway projects in Chicago and the six-county area.

## REPRESENTATIVE PROJECTS

**Project Manager for Central Business District; Village of Glen Ellyn** – BLA managed this \$24 million, 3-year project in the heart of Glen Ellyn's historic downtown. The project included full reconstruction and streetscape of Main Street, Duane Street and part of Hillside Avenue with utility work including new sanitary main, watermain, storm sewer and corresponding service connections. Streetscape elements included all new seat walls with brick facade and limestone caps, tree planters with granite curbs, brick crosswalks, large tree plantings, new irrigation system, new sidewalk and decorative brick furniture zones. The project is home to 40+ businesses (nine restaurants, Citibank, Metra Lot access, Village Civic Center, etc.) and residential homes/apartments; this required constant coordination to manage water shutdowns, driveway access, delivery access, grease/oil replacements for restaurants, dump and other construction access, other daily needs, etc. Utility relocation/coordination was a significant part of the project; relocations were required from Nicor, AT&T, ComEd, WOW/Astound and Comcast.

**Senior Project Manager for Plum Grove Road (Higgins Road to Wiley Road); Village of Schaumburg** – BLA provided construction management, public relations and utility coordination services for the \$14 million STP-funded project. Work included the complete reconstruction of Plum Grove Road with full depth HMA pavement and the Village's first roundabouts at the Remington and State Parkway intersections. The project also included a new storm sewer system, revisions to the existing watermain system, new roadway lighting and extensive landscaping. Preconstruction work included extensive utility relocation and coordination. Other work items included curb removal and replacement, concrete sidewalks, an HMA pedestrian path and new signage.

**Senior Project Manager for Central Avenue; Village of Wilmette** – BLA served as Resident Engineer for Wilmette's Central Avenue reconstruction, a \$9.5 million, STP funded project that included watermain replacement, combined sewer improvements and complete roadway reconstruction. The total length of improvements was 1.31 miles. The project was in the heart of downtown Wilmette and required coordination with more than 50 businesses and 120 residences within the limits of the project.

**Senior Project Manager for IL 64 (North Avenue); IDOT** – Located in Lombard, Addison and Villa Park, the \$30 million project reconstructed IL 64, a four-lane road through a very busy business district, to a six-lane road. This 3.5-mile, two-year project included a 2,500-foot retaining wall constructed on spread footings and near a newly relocated 16-inch-high pressure gas main. Utility relocations were extensive, including the installation of 2,000 feet of watermain. Pavement structure included 12 inches of aggregate subgrade with 10 inches of jointed PCC concrete pavement, divided landscaped median, curb/gutter and PCC shoulders. Asphalt paving was performed on side street reconstructions and a new frontage road. Traffic signal work included the construction of eight new signalized intersections including Addison Road which is connected to the Metra/CNRR crossing signal that intersects IL 64. The project was completed in three stages requiring extensive coordination with CNRR. The project included complete storm sewer reconstruction and extensive sanitary sewer installation. All this work was accomplished while maintaining access to 75+ commercial driveways.

**Senior Project Manager for Main Street; City of Batavia** – BLA provided construction engineering for the \$6.9 million STP funded reconstruction in downtown Batavia from S. Van Nortwick Avenue to Water Street and widening along IL 31. BLA monitored contractors' daily operations including inspection of watermain and storm sewer installation, curb and sidewalk placement, earth excavation, aggregate placement, pavement marking and final landscaping. Work required a one-way detour to accommodate stage construction for the installation of 48-inch storm sewer, eight-inch watermain and 16-inch forcemain replacement.

**Project Manager for N. York Street; City of Elmhurst** – BLA provided Phase III services for this \$3.1 million STP funded streetscape and resurfacing project. The project included HMA surface removal/replacement from Crestview Avenue to Grand Avenue with widening; traffic signal modernization at the Belden Avenue/Industrial Drive intersection facilitated turn lanes and two-way access on Belden Avenue. Work also included streetscape details like raised median planters with cast-in-place stone-block-look retaining walls.


**P. CLAY KELLER, P.E.**

RESIDENT ENGINEER



77

## EDUCATION

University of Missouri  
M.S. Civil Engineering with Transportation  
Focus, 2012

Bradley University  
B.S. Civil Engineering, 2009

## PROFESSIONAL REGISTRATION

Professional Engineer  
Illinois: 062-071520, 2019

## CERTIFICATIONS

IDOT Documentation of Contract Quantities  
22-20089

Fundamentals of Engineering 2009

IDOT STTP-S33 Soils Field Testing and  
Inspection

## PROFESSIONAL SOCIETIES

Institute of Transportation Engineers

## SPECIALIZED TRAINING

Interpretation of contract documents and  
IDOT/ISTHA specifications

Laser levels and level loops

## SPECIALIZED SOFTWARE

ArcGIS Pro HCS

AutoCAD Civil 3D

SPSS and Stata (Statistical Analysis Software)

VISSIM

## INDUSTRY ACTIVITIES

American Society of Civil Engineers  
Publication – Evaluation of Dynamic Message  
Signs on Rural Freeways: Case  
Study of a Full Freeway Closure, 2013

## EXPERIENCE SUMMARY

Experience since 2012 with responsibilities of interpreting and implementing design plans and specifications, ensuring ADA compliance, contract documentation, daily activity diaries, safety inspections and facilitating time and material work. Project experience includes storm sewer, watermain, PCC sidewalk with curb/gutter, detector loops, asphalt resurfacing and patching and frame adjustments.

## REPRESENTATIVE PROJECTS

**Resident Engineer for Central Business District; Village of Glen Ellyn** – BLA managed this 3-Year, \$24 million project in the heart of Glen Ellyn's historic downtown. The project included full reconstruction and streetscape of Main Street, Pennsylvania Avenue, Crescent Boulevard, Forest Avenue and Glenwood Avenue. Just north of the Metra/UP railroad tracks, the project limits contained 100+ businesses, three large condominiums, numerous restaurants and a new six-story apartment complex. Utility improvements included new sanitary main, watermain and storm sewer along with AT&T, ComEd and Nicor utility relocation work. The streetscape beautification included granite curbs, seat walls, decorative street furniture, trash receptacles, irrigation and trees/perennials. This project involved very intense coordination with businesses, residents and stakeholders. Acted as liaison between the Village, Public Works, general contractor, subcontractors as well as utility companies and their contractors.

**Resident Engineer for Central Avenue; Village of Wilmette** – BLA provided Phase III resident engineering services for Wilmette's Central Avenue and Wilmette Avenue reconstruction, a \$9.5 million, STP funded project that included watermain replacement, combined sewer improvements and complete roadway reconstruction along with significant streetscaping elements. The total length of improvements was 1.31 miles. The project was in the heart of downtown Wilmette and required coordination with more than 50 businesses and 120 residences within the limits of the project.

**Resident Engineer for Gary Avenue; DuPage County DOT** – The \$11.3 million project improved Gary Avenue between North Avenue and Army Trail Road. The four-lane road is home to commercial and industrial enterprises as well as residential properties. The project included storm sewer, box culvert installation and extension, curb, sidewalk, widening, patching, resurfacing, block retaining walls, fencing, traffic signals and landscaping. Curb ramps for a future bike path required detailed attention to conform to ADA standards. Duties included ensuring work was completed per plan and in accordance with specifications; verifying curb elevations, storm sewer inverts and structural footings; and required paperwork for day-to-day operations. Performed day/night traffic control inspections, solved issues regarding utility/plan conflicts and addressed potential safety concerns. Personally tended to public relations by contacting individuals directly and working to find solutions. Work also included finalizing quantities, verifying documentation and assisting with closeout.

**Resident Engineer for University Drive; Village of Buffalo Grove** – BLA provided construction management for the Village on this \$1.85 million locally-funded project. Work included watermain, sanitary forcemain, storm sewer installation, 0.42 miles of roadway removal/replacement and landscaping. The project also involved the removal and replacement of crosswalks to maintain ADA compliance.

**Resident Engineer for York Road; Village of Bensenville** – BLA provided construction management services for the Village on this \$2 million STP-funded project to improve York Road from Grand Avenue to Green Street. This project included 1.6 miles of roadway replacement, modifications to existing traffic signals and replacement of crosswalks to maintain ADA compliance.

**Resident Engineer for Belle Plaine and Magnolia Avenues; Village of Gurnee** – BLA provided Phase III resident engineering for the \$4 million roadway reconstruction program. Work consisted of rehabilitating three village streets; reconstruction; storm sewer; watermain; HMA pavement; sidewalk; curb; landscaping; and pavement marking. The project included two heavily traveled parallel roads connecting Grand Avenue to the local elementary school. The work utilized sequenced closures/detours to limit disruption to the public which required daily coordination with Gurnee School District 56, emergency responders and residents. To keep the residents apprised, BLA held a public information meeting, distributed notification letters door-to-door, wrote weekly updates with photos for the Village mailer and website and communicated daily with residents. Activities included working alongside the Village Engineering Department to ensure the project was completed as the Village had envisioned and met the residents' needs; work was completed under budget and ahead of schedule.

**Resident Engineer for Townline Road Watermain; Village of Mundelein** – Responsible for overseeing the installation of 4,200 feet of 12-inch diameter PVC watermain in the north parkway to replace the 10-inch watermain in the roadway, along with connections to side streets and services. Of the new watermain, 1,000+ feet were directionally bored under wetlands and commercial entrances. 125 feet of new 8-inch watermain in 20-inch steel casing pipe was bored and jacked across Townline Road at McCormick Avenue.



## PAYROLL ESCALATION TABLE ANNIVERSARY RAISES

FIRM NAME	<u>BLA, Inc.</u>
PRIME/SUPPLEMENT	<u>Prime</u>
Prepared By	<u>DBB</u>
Work Order #(if applicable)	<u>0</u>

DATE	<u>03/28/25</u>
PTB-ITEM #	<u>0</u>

CONTRACT TERM	<u>35</u>	MONTHS
START DATE	<u>4/1/2025</u>	
RAISE DATE	<u>Anniversary</u>	
END DATE	<u>3/1/2028</u>	

OVERHEAD RATE	<u>126.27%</u>
COMPLEXITY FACTOR	<u>0</u>
% OF RAISE	<u>3.00%</u>
CURRENT SALARY CAP	<u>\$90.00</u>

### ESCALATION PER YEAR

#### DETERMINE THE MID POINT OF THE AGREEMENT

17.5

#### CALCULATE THE ESCALATION FACTOR TO THE MIDPOINT OF THE CONTRACT

The total escalation = **4.38%**

## PAYROLL RATES

FIRM NAME BLA, Inc. DATE 03/28/25  
 PRIME/SUPPLEMENT Prime  
 PTB-ITEM # 0  
 Work Order # 0

**ESCALATION FACTOR** **4.38%**

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

**WORK ORDERS - Classifications and Average Payrates need to match the master work order agreement.**

CLASSIFICATION	DEPARTMENT AVG. PAYROLL RATES ON FILE	CALCULATED RATE (\$90.00 CAP)
Director of Construction Engineering	\$90.00	\$90.00
Resident Engineer II	\$55.00	\$57.41
Resident Engineer I	\$46.67	\$48.71
Construction Inspector	\$37.00	\$38.62
Director of Environmental Services	\$60.00	\$62.63
Public Information Coordinator	\$40.68	\$42.46
Director of Muncipal Services	\$68.25	\$71.24

## SUB-CONSULTANTS

**FIRM NAME** BLA, Inc. **DATE** 03/28/25  
**PRIME/SUPPLEMENT** Prime  
**PTB-ITEM #** 0  
**Work Order #** 0

SUB-CONSULTANT NAME	Direct Labor Total (Payroll Only)	Contribution to the Prime (Sub-Consultant DL)
NASHnal Soil Testing, LLC (NST)	26,611.00	2,661.10
<b>Total</b>	<b>26,611.00</b>	<b>2,661.10</b>





<b>Local Public Agency</b> City of Geneva	<b>County</b> Kane	<b>Section Number</b> 05-00102-00-PV
<b>Prime Consultant (Firm) Name</b> BLA, Inc.	<b>Prepared By</b> Umar Ahmad	<b>Date</b> 3/25/2025
<b>Consultant / Subconsultant Name</b> NASHnal Soil Testing, LLC	<b>Job Number</b> 04JQ(635)	

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

**Remarks**

**PAYROLL ESCALATION TABLE**

<b>CONTRACT TERM</b>	36	MONTHS	<b>OVERHEAD RATE</b>	247.56%
<b>START DATE</b>	1/1/2026		<b>COMPLEXITY FACTOR</b>	0
<b>RAISE DATE</b>	3/1/2026		<b>% OF RAISE</b>	3.00%
<b>END DATE</b>	12/31/2028			

**ESCALATION PER YEAR**

Year	First Date	Last Date	Months	% of Contract
0	1/1/2026	3/1/2026	2	5.56%
1	3/2/2026	3/1/2027	12	34.33%
2	3/2/2027	3/1/2028	12	35.36%
3	3/2/2028	1/1/2029	10	30.35%

**The total escalation = 5.61%**





**Local Public Agency**

City of Geneva

**County**

Kane

**Section Number**

05-00102-00-PV 87

**Consultant / Subconsultant Name**

NASHnal Soil Testing, LLC

**Job Number**

04JQ(635)

**DIRECT COSTS WORKSHEET**

List ALL direct costs required for this project. Those not listed on the form will not be eligible for reimbursement by the LPA on this project.  
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost (Up to state rate maximum)			\$0.00
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual Cost			\$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			\$0.00
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum			\$0.00
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day	192	\$65.00	\$12,480.00
Vehicle Rental	Actual Cost (Up to \$55/day)			\$0.00
Tolls	Actual Cost	192	\$3.00	\$576.00
Parking	Actual Cost			\$0.00
Overtime	Premium portion (Submit supporting documentation)			\$0.00
Shift Differential	Actual Cost (Based on firm's policy)			\$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)			\$0.00
Project Specific Insurance	Actual Cost			\$0.00
Monuments (Permanent)	Actual Cost			\$0.00
Photo Processing	Actual Cost			\$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			\$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			\$0.00
CADD	Actual Cost (Max \$15/hour)			\$0.00
Web Site	Actual Cost (Submit supporting documentation)			\$0.00
Advertisements	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			\$0.00
Recording Fees	Actual Cost			\$0.00
Transcriptions (specific to project)	Actual Cost			\$0.00
Courthouse Fees	Actual Cost			\$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Aerial Photography and Mapping	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Utility Exploratory Trenching	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Testing of Soil Samples	Actual Cost			\$0.00
Lab Services	Actual Cost (Provide breakdown of each cost)	1	\$11,010.00	\$11,010.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>TOTAL DIRECT COSTS:</b>				<b>\$24,066.00</b>

BLR 05314 (Rev. 02/06/25)







## Projected Lab Cost for Project 61J84

Task	Units	# of Units	Unit Cost	Est. Cost
<b>Subgrade Soils, and Backfill Inspection</b>				
Field Inspection - Tech	Hours	0	\$ 114.50	\$0.00
Modified Proctor	Each	4	\$ 225.00	\$900.00
Nuclear Density Gauge	Each	0	\$ 76.00	\$0.00
DCP/SCP Rental	Day	0	\$ 32.50	\$0.00
Travel Allowance - Truck Days	Day	0	\$ 86.00	\$0.00
				<b>\$900.00</b>
<b>Concrete/ Rebar Inspection</b>				
Field Inspection - Tech	Hours	0	\$ 114.50	\$0.00
Concrete Cylinders/Cubes/Prisms-Strength	Each	180	\$ 19.50	\$3,510.00
Concrete Cylinder Pickup (2 hours a trip)	Hours	0	\$ 114.50	\$0.00
Travel Allowance - Truck Days	Day	0	\$ 86.00	\$0.00
				<b>\$3,510.00</b>
<b>Structural Steel Inspection</b>				
Field Inspection - CWI -Tech	Hours	0	\$ 170.00	\$0.00
Ultrasonic Equipment if needed	Each	0	\$ 496.00	\$0.00
Travel Allowance - Truck Days	Day	0	\$ 86.00	\$0.00
				<b>\$0.00</b>
<b>Contaminated Soil Evaluation - CCDD</b>				
Field Inspection - ENV -Tech	Hours	0	\$ 120.00	\$0.00
Laboratory Testing and LPC 663 Report if Clean	Each	0	\$ 2,850.00	\$0.00
Travel Allowance - Truck Days	Day	0	\$ 86.00	\$0.00
				<b>\$0.00</b>
<b>Sprayed Fire Resistive Material (SFRM)</b>				
Field Inspection, thickness & Adhesion	Hours	0	\$ 120.00	\$0.00
Laboratory Testing - Density	Each	0	\$ 305.00	\$0.00
Travel Allowance - Truck Days	Day	0	\$ 86.00	\$0.00
				<b>\$0.00</b>
<b>Bituminous Asphalt</b>				
Field Inspection - Field -Tech	Hours	0	\$ 114.50	\$0.00
Laboratory Core thickness & Density Calcs	Each	60	\$ 110.00	\$6,600.00
Travel Allowance - Truck Days	Day	0	\$ 86.00	\$0.00
Bituminous Asphalt Ignition Oven/Gradation	Each	30	\$ 110.00	\$3,300.00
				<b>\$6,600.00</b>
<b>Engineering Review</b>				
Secretarial/Office Admin	Hours	0	\$ 195.00	\$0.00
				<b>\$0.00</b>
<b>Estimated Total</b>				<b>\$11,010.00</b>

NASHnal Soil Testing, LLC  
**SCHEDULE OF FEES**  
 2025



<b>SOIL TESTING</b>			
<b>LABORATORY TESTS</b>	<b>ASTM</b>	<b>UNIT</b>	<b>PRICE</b>
<b>Moisture-Density Relationship</b>			
Standard Proctor (Cohesive Soils)	D698	Ea	\$225.00
Modified Proctor (Cohesive Soils)	D1557	Ea	\$285.00
Aggregate Sampling	D1883	Add	\$50.00
California Bearing Ratio (CBR)(Moisture-Density Relationship Additional)			
Single-Point (Unsoaked)		Ea	\$190.00
Single-Point (Soaked)		Ea	\$190.00
Relative Density - Minimum and Maximum Density	D4253/4254	Ea	\$235.00
<b>Material Characterization</b>			
Sample Extrusion from Shelby Tubes		Ea	\$22.50
Visual Classifications	D2488	Ea	\$12.50
Atterberg Limits (3 Points)	D4318	Ea	\$125.00
Unit Weight Determination	D2937	Ea	\$85.00
<b>Grain Size Analysis</b>			
Percent Finer than #200 (Washed)	D1140	Ea	\$160.00
Sieve Analysis with Hydrometer	D423	Ea	\$185.00
Specific Gravity	D854	Ea	\$185.00
Moisture Content	D2216	Ea	\$12.50
Organic Content	D2974	Ea	\$80.00
pH	D4972	Ea	\$75.00
<b>Strength and Behavioral Properties</b>			
<b>One Dimensional Consolidation Test</b>			
Includes laboratory e-log, p-curve, square foot of time method	D2435		
		Ea	\$595.00
P-Y Curves		Add	\$190.00
Log-Time Method		Add	\$290.00
Swell Pressure or Free Swell		Ea	\$180.00
<b>Un-Confined Compression Test</b>			
Undisturbed Samples (includes dry density)	D2166		
		Ea	\$115.00
Using Rimac on Split Spoon samples		Ea	\$12.50
<b>Traxial Strength Testing</b>			
<b>One Dimensional Consolidation</b>			
Unconsolidated, Undrained (UU) (Q)	D2435	Ea	\$1,050.00
Consolidated, Undrained (CU) ®	D2850	Pt	\$360.00
	D4767		
Per Point		Ea	\$450.00
Additional Multi-Stage Points		Ea	\$150.00
Direct Shear - Consolidated, Drained	D3080		Upon Request
<b>Permeability Tests</b>			
Hydraulic Conductivity-Remolded (Flex Wall)	D5084	Ea	\$450.00
Hydraulic Conductivity-Extruded (Flex Wall)	D5084	Ea	\$350.00
Rigid Wall for Granular Soils	D2434	Ea	\$285.00
<b>FIELD SERVICES</b>			
Compaction Control	D2922	Hr	\$112.50
Nuclear Density Equipment	D1556	Day	\$75.00

NASHnal Soil Testing, LLC  
**SCHEDULE OF FEES**  
 2025



<b>CONCRETE TESTING</b>			
Field Inspection		Hr	\$112.50
Transportation (Truck)		Day	\$95.00
Small Equipment Rental		Day	\$60.00
<b>LABORATORY TESTS</b>	<b>ASTM</b>	<b>UNIT</b>	<b>PRICE</b>
<b>Comprehensive Strength</b>			
6" x 12" & 4" x 8" cylinder	C39	Ea	\$19.50
Cured cylinder, not tested		Ea	\$19.50
2" x 2" cube	C109	Ea	\$19.50
Drilled Cores (including saw cutting one end)		Ea	\$95.00
Saw cut cylinders		Ea	\$35.00
Cylinder Molds		Ea	\$5.00
Flexural Strength 6" x 6" x 21" or 24" beam	C78	Ea	\$105.00
Beam Mold Rental (when cast by others)		Ea	\$25.00
Mix Design Verification (does not include aggregate tests)		Ea	\$225.00
Determination of Proportions (ACI 211)		Ea	\$450.00
Trial Mix Verification (1 point, incl. 6 cylinders)		Ea	\$1,200.00
Masonry Mortar Mix Test			\$340.00
<b>Aggregate Characterization</b>			
Sieve Analysis (Unwashed)	C136	Ea	\$150.00
Washed Sieve Analysis	C117	Ea	\$225.00
Washed Sieve Percent finer than No. 200	C1140	Ea	\$115.00
Sieve Analysis with Hydrometer	C423	Ea	\$230.00
Unit Weight and Voids in Aggregate	C29	Ea	\$87.50
Specific Gravity and Absorption of Coarse Aggregate	C127	Ea	\$180.00
Specific Gravity and Absorption of Fine Aggregate	C128	Ea	\$180.00
Clay Lumps and Friable Particles in Aggregate	C142	Ea	\$85.00
Surface Moisture in Fine Aggregates	C70	Ea	\$60.00
Soundness (sodium sulfate)	C88	Ea	\$475.00
Resistance to Abrasion	C131	Ea	\$200.00
On-Site Laboratory (QA/QC)			Upon Request
<b>In-Place Non-Destructive Testing</b>			
Non-Destructive Swiss Hammer Tests		Hr	\$120.00
Windsor Probe Penetration Tests-Per Shot			\$82.00
Field Testing		Hr	\$112.50
Equipment Rental		Day	\$45.00
<b>Coring (\$350 minimum)</b>			
Field Testing		Hr	\$112.50
Equipment Rental		Day	\$425.00
Bit Wear		Inch	\$15.00
<b>Floor Flatness</b>			
Field Testing		Hr	\$112.50
Equipment Rental		Day	\$450.00

NASHnal Soil Testing, LLC  
 SCHEDULE OF FEES  
 2025



<b>ASPHALTIC/BITUMINOUS CONCRETE TESTING</b>			
Field Inspection		Hr	\$112.50
Transportation (Truck)		Day	\$89.00
Nuclear Gauge Rental		Day	\$75.00
<b>LABORATORY TESTS</b>	<b>ASTM</b>	<b>UNIT</b>	<b>PRICE</b>
Marshall Stability and Flow Test with Density Determination	D1559	Ea	\$450.00
Sample Preparation		Add	\$75.00
<b>Bitumen Extraction</b>	D2172		
Without Gradation		Ea	\$160.00
With Gradation		Ea	\$315.00
<b>Asphalt Content by Ignition Method</b>	D6307	Ea	\$375.00
Hot Bin Sieve Analysis	C136	Ea	\$160.00
Bulk Specific Gravity (AASHTO T166)	D2726	Ea	\$75.00
Core Density (minimum 3)		Ea	\$75.00
Percent Air Voids	D3203	Ea	\$75.00
Maximum Theoretical Specific Gravity	D2041	Ea	\$125.00
Marshall Mix Design (The Asphalt Institute MS-2)			
3-points		Ea	\$490.00
5-points		Ea	\$725.00
Gyratory Sample Preparation		Set	\$450.00
TSR		Set	\$315.00
On-Site Laboratory (QA/QC)			Upon Request
<b>FIELD SERVICES</b>			
<b>Coring (\$350.00 minimum)</b>			
Field Sampling		Hr	\$112.50
Equipment Rental-Mobile Coring Machine		Day	\$425.00
Bit Wear		Inch	\$15.00
Asphalt Plant Inspection (includes cold feed and hot bin analysis)		Hr	\$115.00

NASHnal Soil Testing, LLC  
**SCHEDULE OF FEES**  
 2025



<b>SPECIAL INSPECTIONS</b>			
<b>Structural Steel Observations (includes visual weld inspection, bolt torque determination)</b>			
Field Inspection		Hr	\$180.00
Transportation (Truck)		Day	\$89.00
Small Equipment Rental		Day	\$60.00
<b>Nondestructive Testing</b>			
<b>Ultrasonic Inspection</b>			
Field Testing		Hr	\$180.00
Transportation (Truck)		Day	\$89.00
Equipment Rental		Day	\$500.00
<b>Magnetic Particle Inspection</b>			
Field Testing		Hr	\$180.00
Transportation (Truck)		Day	\$89.00
Equipment Rental		Day	\$75.00
<b>Dye Penetrant Inspection</b>			
Field Testing		Hr	\$180.00
Transportation (Truck)		Day	\$89.00
Equipment Rental		Day	\$75.00
Radiographic Inspection (Two-man crew)			Upon Request
<b>Welding Operator Qualifications and Inspection (includes welder performance verification and guided bend test)</b>			
Field Verification		Hr	\$180.00
Transportation (Truck)		Day	\$89.00
Guided Bend Test (Excludes Machining)		Coupon	\$95.00
<b>Sprayed Fire Resistive Material (includes thickness measurements, density determinations, cohesion/adhesion testing)</b>			
Thickness Measurements			
Field Testing		Hr	\$120.00
Laboratory		Hr	\$112.50
Transportation (Truck)		Day	\$89.00
<b>Reinforced Concrete Observation (includes reinforcing steel placement and concrete placement observation, inspection of embedded plates and bolts)</b>			
Field Inspection		Hr	\$112.50
Transportation (Truck)		Day	\$89.00
<b>Structural Masonry Observation (includes CMU placement observation, reinforcing steel placement observation, grout placement observation and material sampling)</b>			
Field Inspection		Hr	\$112.50
Transportation (Truck)		Day	\$89.00
<b>Pre Cast Prestressed Panels</b>			
Field Inspection		Hr	\$112.50
Transportation (Truck)		Day	\$89.00
<b>Post Testioned Slabs</b>			
Field Inspection		Hr	\$112.50
Transportation (Truck)		Day	\$89.00