

Orchard Road Noise Barrier Design – Revised (2/2/2026) Scope of Services

City of Aurora, Illinois

RFQ 25-194

This revised Scope of Services reflects adjustments made in response to City review comments and is intended to better align the level of effort with the anticipated simplicity of the Orchard Road Noise Barrier project.

This Scope of Services defines the professional engineering services to be provided by Thomas Engineering Group, LLC (TEG) for the Orchard Road Noise Barrier Design project. The scope is organized to align directly with a corresponding revised cost estimate of services.

Noise analysis services will be provided by Huff & Huff, Inc. Geotechnical engineering and soil boring services will be provided by Rubino Engineering, Inc. These subconsultants will be included under this contract. Their detailed scopes of services are included separately, and their technical work products will be incorporated into the overall project deliverables managed by TEG.

The noise barrier will be delivered using a performance-based approach. TEG will not perform final structural design of the noise wall system. Construction plans will depict the proposed wall alignment, grading, and theoretical top and bottom of wall elevations. Final wall system selection and structural design will be performed by the Contractor and submitted as stamped shop drawings prepared by an Illinois-licensed Structural Engineer in accordance with the contract documents.

1. Project Kickoff and Data Review

TEG will conduct a focused project kickoff meeting with City staff to confirm communication protocols, schedule, and deliverables. TEG will review available background information and perform a two-person field visit along the project corridor to verify existing conditions, access constraints, and constructability considerations. A photo log documenting existing site conditions will be prepared for use during design development and coordination.

2. Survey

TEG will coordinate and manage professional land surveying services required to support the noise barrier design. TEG will review any existing site survey information provided by the City to determine its suitability for design use and identify any data gaps.

Survey services will include horizontal and vertical control, topographic survey along the proposed noise wall alignment, identification of visible above-ground features, and right-of-way delineation sufficient for design development. Survey data will be used to establish wall

alignment, grading limits, profile development, and to support preparation of the construction documents.

Yard surveys and survey work extending onto private property are considered optional and are not included in TEG's base scope unless specifically authorized by the City.

3. Existing Conditions Assessment and Environmental Screening

TEG will evaluate existing conditions along the proposed noise barrier corridor using available records, survey data, and field observations. This task will include review of right-of-way constraints, adjacent land uses, access points, drainage features, and known utility information to identify factors that may influence wall alignment, grading, and constructability.

TEG will prepare and submit an EcoCAT environmental screening and a Historic Preservation Request in accordance with applicable state and local requirements.

4. Noise Barrier Layout and Geometric Design

Based on noise analysis recommendations prepared by others, TEG will verify and refine the proposed horizontal and vertical alignment of the noise barrier. This task will focus on confirming wall limits, developing wall profiles, establishing height transitions, and coordinating grading tie-ins.

As part of this effort, TEG will evaluate whether minor alignment adjustments or offsets could reduce or eliminate the need for construction easements while maintaining effective noise abatement.

5. Agency, Permit, and Utility Coordination

TEG will coordinate with Kane County and other affected agencies as required for design compatibility and review, including preparation and coordination of a Kane County Right-of-Way Alteration Permit. Utility coordination will be performed using available utility information.

6. Stakeholder and Public Coordination

TEG will support the City in stakeholder and public engagement efforts, including coordination with elected officials and up to two public-facing meetings. TEG will prepare meeting exhibits, attend meetings, and document comments for incorporation into the design.

7. Construction Documents and Cost Estimate

TEG will prepare bid-ready construction documents including plan sheets, profiles, grading details, technical specifications, and an engineer's opinion of probable construction cost. Plans will depict theoretical wall geometry and grading only. Structural wall system design will be delegated to the Contractor.

8. Quality Assurance, Quality Control, and Constructability Review

TEG will perform QA/QC and constructability reviews as part of construction document development, including a formal review by experienced staff independent of the primary designer.

9. Project Management and Administration

TEG will provide streamlined project management and administration services including coordination, schedule tracking, and status updates.

10. Bidding Phase and Shop Drawing Review Support

TEG will assist during bidding and will review Contractor-submitted shop drawings for general conformance with the contract documents. Structural design verification will remain the responsibility of the Contractor's Structural Engineer of Record.



Local Public Agency City of Aurora	County Kane	Section Number
Prime Consultant (Firm) Name Thomas Engineering Group	Prepared By Curtis Cornwell	Date 1/30/2026
Consultant / Subconsultant Name 	Job Number Orchard Road Noise Wall	

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

Remarks

Orchard Road Noise Wall - Design

PAYROLL ESCALATION TABLE

CONTRACT TERM	12	MONTHS			OVERHEAD RATE	148.21%
START DATE	2/16/2026				COMPLEXITY FACTOR	0
RAISE DATE	1/1/2027				% OF RAISE	3.00%
END DATE	2/15/2027					

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	2/16/2026	1/1/2027	11	91.67%
1	1/2/2027	2/1/2027	1	8.58%

Local Public Agency

City of Aurora

County

Kane

Section Number

Consultant / Subconsultant Name

Job Number

Orchard Road Noise Wall

DIRECT COSTS WORKSHEET

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

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Per Diem (per Federal GSA)	Up to federal maximum			\$0.00
Lodging (per Federal GSA)	Actual Cost (Up to Federal rate maximum)			\$0.00
Lodging Taxes and Fees (per Federal GSA)	Actual Cost			\$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			\$0.00
Vehicle Mileage (per Federal GSA)	Up to Federal rate maximum			\$0.00
Vehicle Owned or Leased (no mileage charge allowed)	\$45.00/half day (4 hours or less) or \$90/full day	20	\$90.00	\$1,800.00
Vehicle Rental	Actual Cost (Up to \$55/day)			\$0.00
Tolls	Actual Cost			\$0.00
Parking	Actual Cost			\$0.00
Overtime	Premium portion (Submit supporting documentation)			\$0.00
Shift Differential	Actual Cost (Based on firm's policy)			\$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)	1	\$800.00	\$800.00
Project Specific Insurance	Actual Cost			\$0.00
Monuments (Permanent)	Actual Cost			\$0.00
Photo Processing	Actual Cost			\$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			\$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			\$0.00
CADD	Actual Cost (Max \$15/hour)			\$0.00
Web Site	Actual Cost (Submit supporting documentation)			\$0.00
Advertisements	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			\$0.00
Recording Fees	Actual Cost			\$0.00
Transcriptions (specific to project)	Actual Cost			\$0.00
Courthouse Fees	Actual Cost			\$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Aerial Photography and Mapping	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Utliity Exploratory Trenching	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Testing of Soil Samples	Actual Cost			\$0.00
Lab Services	Actual Cost (Provide breakdown of each cost)			\$0.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
				\$0.00
				\$0.00
				\$0.00
TOTAL DIRECT COSTS:				\$2,600.00

Local Public Agency

City of Aurora

County

Kane

Section Number

Consultant / Subconsultant Name

Job Number

Orchard Road Noise Wall

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 1 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Project Kickoff & Data Review			Survey			Assessment and Environmental Screening			Noise Barrier Layout & Design			Agency, Permit & Utility Coordination		
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Project Principal	90.00	46.0	6.17%	5.55	2	10.00%	9.00	2	1.20%	1.08	4	11.11%	10.00	4	4.76%	4.29	8	11.43%	10.29
Senior Project Manager	85.77	24.0	3.22%	2.76															
Project Manager	68.34	164.0	21.98%	15.02	8	40.00%	27.34	4	2.41%	1.65	16	44.44%	30.37	20	23.81%	16.27	20	28.57%	19.53
Project Engineer IV	74.52	0.0																	
Project Engineer III	56.86	180.0	24.13%	13.72	10	50.00%	28.43				16	44.44%	25.27	24	28.57%	16.25	30	42.86%	24.37
Engineer II	41.80	0.0																	
Engineer I	37.44	140.0	18.77%	7.03										24	28.57%	10.70	12	17.14%	6.42
Chief Surveyor	90.00	14.0	1.88%	1.69				14	8.43%	7.59									
Technical Manager	60.83	130.0	17.43%	10.60				98	59.04%	35.91				12	14.29%	8.69			
Technician I	32.28	48.0	6.43%	2.08				48	28.92%	9.33									
Intern	20.22	0.0																	
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TOTALS		746.0	100%	\$58.45	20.0	100.00%	\$64.77	166.0	100%	\$55.57	36.0	100%	\$65.65	84.0	100%	\$56.19	70.0	100%	\$60.60

Aurora - Orchard Rd Noisewall
 Survey Hours

1/29/2026

Roadway Survey

Activity	CDY	JBH	ETW	Notes
PM/Admin	2	2		
Set Control/Station Rd		16	16	
Run Level Loop		16	16	Use Aurora BM's
Find Property Corners		8	8	
Topo	4	40		BC to Fenceline
MH Inspections		8	8	
Base Mapping		8		
Plot ROW	8			
Total	14	98	48	

Rear Yard Surveys Add -OPTIONAL, not included in price proposal

Activity	CDY	JBH	ETW	Notes
Homeowner Coordination	4	5		
Control		16	16	
Topo		104		Average 1.5 hours/property
Pictures		12		
Base Mapping		6		
Total	4	143	16	

Vehicle Days Roadway Survey	17
Vehicle Days Rear Yard Pick Up	19.125

February 3, 2026

To: Curtis Cornwell, PE, PTOE
Thomas Engineering Group, LLC
P: 773.251.7938

Re: Proposal - Geotechnical Exploration
Proposed Orchard Road Noise Barrier in
Aurora, Illinois

Proposal No. Q26.057g_REV1

Via email: curtisc@thomas-engineering.com

Dear Mr. Cornwell,

Rubino Engineering, Inc. (Rubino) is pleased to submit the following proposal to provide geotechnical engineering services for the above referenced project. Rubino received a request for proposal from Curtis Cornwell, PE, PTOE of Thomas Engineering Group, LLC via email on January 29th, 2026.

PROJECT UNDERSTANDING

Rubino understands that Thomas Engineering Group, LLC is planning to aid The City of Aurora with design engineering for a noise barrier project along Orchard Road in Aurora, Illinois. The proposed design is to replace an existing wooden fence along ~6,265 linear feet of Orchard Road. The noise barrier wall is expected to be approximately 9 to 12 feet in height supported by a soldier pile and lagging system.

Information received:

- RFP email from Curtis Cornwell, PE, PTOE of Thomas Engineering Group, LLC on January 29th, 2026.
- RFP Document : "Orchard_Road_Noise_Barrier_Design.pdf"
- Project Location Map : "Project_Location_Map.pdf" – Included in RFP Email (Shown Below)
- Revision email from Curtis Cornwell of Thomas Engineering Group, LLC with direction from the City of Aurora to reduce the boring count



Field Services Scope of Services Summary

Additional Scope discussion can be found in subsequent pages of this proposal

Client Notification Needed prior to mobilization	Please notify Rubino if this is needed upon project authorization
Site Access	Open site
Drilling Permit Needs	Kane County DOT
Field Equipment Proposed	Track-mounted Geoprobe Drill Rig
Traffic Control Needs	Message Boards Single Lane Closure or Attenuator Truck
Boring Location Plan	See below for aerial / KMZ
Pavement and Soil Sampling and Purpose	SPT Borings <ul style="list-style-type: none"> • Drilling/SPT: 1 ft to 15 feet <ul style="list-style-type: none"> ○ Moisture content on each sample (In-House)
Soil Sampling Intervals	SPT – 2 ½ ft to 15 feet
Backfill Needs	Cuttings, excess spoils remain on site
Patching	Similar Existing Material
Site Protection or Restoration included	None
Groundwater Readings	During drilling and upon auger removal
Additional Field Equipment needed	Rimac – for AASHTO

Boring Depths

To obtain data to evaluate subsurface conditions within the proposed development/construction areas. Rubino proposes the drilling scope of work as detailed below:

NUMBER OF BORINGS	DEPTH (FEET BEG*)	LOCATION ON SITE	SPT SAMPLING INTERVALS	SOIL CLASSIFICATION METHOD
4	15	As shown below	2 ½ ft to 15 ft	AASHTO(Rimac)

Should any of the information on which this proposal has been based, including as described above, be inconsistent with the planned construction, Rubino requests to be contacted immediately in order to make any necessary changes to this proposal and scope of work.

SCOPE OF SERVICES DISCUSSION

The following sections outline the scope of services developed based on the information provided by the client and the information listed above in order to provide a geotechnical exploration for the planned project. The exploration will be performed in general accordance with both the requested proposal information and Rubino’s current understanding of the project.

Site Access

Based on current site topography, surface conditions, and project discussions, Rubino anticipates that the project site will be accessible to track-mounted Geoprobe drilling equipment.

Traffic Control

Rubino anticipates that traffic control will be necessary along to access the boring locations along Orchard Road. Rubino will subcontract a traffic control company to provide an attenuator truck or a single lane closure.

Boring Locations

The approximate proposed boring locations are shown below. Rubino recommends that the borings be located and surveyed for elevation by others prior to drilling. If the borings cannot be surveyed, Rubino will locate the borings in the field by measuring distances from known, fixed site features.



SPT - Soil Sampling

Soil sampling will include split-barrel samples (ASTM D 1586) or thin-walled tube samples on cohesive soils (ASTM D 1587) at 2 ½ - foot intervals to a depth of 20 feet.

Completion of Borings

Upon completion of drilling, the borings will be backfilled with soil cuttings and capped with similar existing material. Some damage to ground surface may result from the drilling operations near the work areas and along ingress/egress pathways. Rubino will attempt to minimize such damage, but no restoration other than backfilling the soil test borings is included.

It should be noted that over time, some settlement may occur in the bore hole. If Rubino is requested to return to the site for the purpose of filling any bore holes that may have settled, additional time and material charges may apply.

Geotechnical Laboratory Testing

The soil samples obtained during the field exploration program will be transported to the laboratory for classification and a limited number of laboratory tests. The nature and extent of the laboratory testing program is at the discretion of Rubino Engineering, Inc. and will depend upon the subsurface conditions encountered during drilling.

Laboratory testing will be performed in accordance with ASTM procedures and may include examination of selected samples to evaluate the soils' index properties and relative strength characteristics.

Based on the proposed quantity of soil borings, anticipated depths, and project type, a list of the anticipated laboratory tests are summarized below.

Laboratory Test	Estimated Quantity	Sample Type
Natural Moisture Content	24	Split spoon
Organic Content	3	Split spoon
Atterberg Limits	2	Split spoon

SUMMARY REPORT

Upon completion of field and laboratory work, Rubino will prepare a geotechnical engineering report using the collected data. The summary report will include the following:

- *Summary of client-provided project information and report basis*
- *Overview of encountered subsurface conditions*
 - *Boring Logs*
- *Overview of field and laboratory tests performed including results*
- *Geotechnical recommendations at each boring location pertaining to soldier pile and lagging:*
 - *Estimated shear strength*
 - *Estimated unit weight*
 - *Active and passive lateral earth pressures*

An electronic copy of the report will be provided. The report will be addressed to Thomas Engineering Group, LLC.

PROJECT SCHEDULE

Rubino proposes to initiate work on this project within 5 working days after receiving written authorization to proceed and we will follow the schedule below in order to complete the project:

Task	Number of Working Days
Utility clearance and rig mobilization	5 – 10
Field work including site layout and drilling	2
Geo Laboratory Testing	10 – 12
Geo Reporting	5 - 10

Project schedules can be affected by weather conditions and changes in scope. If the report needs to be delivered by a specific day, please notify us as soon as possible. Preliminary verbal recommendations can be made to appropriate parties upon completion of the field investigation and laboratory testing. Rubino will need to receive a signed copy of this proposal intact prior to mobilizing the drill rig.

UTILITY LOCATE AND OUTSIDE SERVICES

Rubino will coordinate contacting the Utility "One-Call" for public utility clearance prior to the start of drilling activities. It is Rubino's experience that this service does not mark the locations of privately owned utilities. This proposal is based on privately owned utility locates being coordinated by the owner prior to drill rig mobilization.

FEES

Rubino proposes to charge the fee for performance of the outlined scope of services on a cost plus fixed fee basis per the attached CECS. Based on the scope of services outlined above, the fee will be **\$13,421**

Please see the attached fee schedule for additional unit rates for services requested after issuing the geotechnical report (drawing / spec review, scope or site layout change, etc.).

Scope Limitations

Project services do not include a site evaluation to determine the presence or absence of wetlands, hazardous substances, or toxic materials.

Rock coring is not included in the scope of this exploration, therefore, the character and continuity of refusal materials, if encountered, can be determined only with a more comprehensive scope of services. Therefore, the borings will be advanced to the depths referenced above, or to refusal, whichever is shallower.

Boring, sampling and testing requirements are a function of the subsurface conditions encountered. The proposed lump-sum fee is based on the use of shallow foundations to support the planned construction and the existence of adequate bearing materials being encountered within the proposed boring depths. Should conditions be encountered which require a deepening of borings or additional investigation, Rubino will notify you to discuss modifying the outlined scope of services. Additional work beyond the lump-sum fee will not be performed without your prior authorization.

AUTHORIZATION

If this proposal is acceptable to you, Rubino will perform the work in accordance with the attached General Conditions that are incorporated into and made a part of this proposal. Please sign below as notice to proceed and return one copy of this proposal intact to our office. Rubino will proceed with the work upon receipt of authorization.

Rubino appreciates the opportunity to offer our services for this project and we look forward to working with your company. Please contact Rubino with questions pertaining to this proposal or requests for additional services.

Respectfully submitted,

RUBINO ENGINEERING, INC.



Rubino Engineering, Inc.



Michelle A. Lipinski, PE
President
michelle.lipinski@rubinoeng.com

Anthony T. Tomaras, PG
Project Manager
anthony@rubinoeng.com

Prepared By: Jonathan Ignarski, jonathan@rubinoeng.com

MAL/file

Attachments: Proposal Acceptance and Data Sheet
Schedule of Services and Fees
General Conditions

**RUBINO ENGINEERING, INC. IS:
AN AASHTO-ACCREDITED LABORATORY
IDOT PREQUALIFIED
IDOT DBE-CERTIFIED (100% WOMAN-OWNED)**

**This is an electronic copy. Hard Copies of this proposal are available upon request.

PROPOSAL ACCEPTANCE:

AGREED TO, THIS _____ DAY OF _____ , 202__.
BY (please print): _____
TITLE: _____
COMPANY: _____
SIGNATURE: _____

PROJECT INFORMATION:

1. Project Name: _____
2. Project Location: _____
3. Your Job No: _____ Purchase Order No.: _____
4. Project Manager: _____ Telephone No.: _____
5. Site Contact: _____ Telephone No.: _____
6. Number and Distribution of Reports:
() Copies To: _____ () Copies To: _____

Attn: _____ Attn: _____
Email: _____ **Email:** _____

() Copies To: _____ () Copies To: _____

Attn: _____ Attn: _____
Email: _____ **Email:** _____
7. Invoicing Address: _____

Attn: _____
Email: _____
8. Other Pertinent Information Or Previous Subsurface Information Available:

FEE REMARKS

- 1) All fees and services are provided in accordance with the attached Rubino General Conditions.
- 2) Unit prices/rates are in effect for 12 months from the date of this proposal and are subject to change without notice thereafter.
- 3) Overtime rates are applicable for services performed in excess of 8 hours per day Monday through Friday, before 8:00 AM or after 5:00 PM, and for all hours worked on Saturdays, Sundays and holidays. The overtime rate is 1.5 times the applicable hourly rate.
- 4) All rates are billed on a portal-to-portal basis.
- 5) Standby time due to delays beyond Rubino's control will be charged at the applicable hourly rate.
- 6) Transportation and per diem are charged at the applicable rates.
- 7) Rates involving mileage (including transportation, mobilization, vehicle and trip charges) are subject to change based upon increases in the national average gasoline price.
- 8) A minimum charge of 4 hours applies to field testing and observation services.
- 9) Scheduling or cancellation of field testing and observation services is required no less than the working day prior to the date the services are to be performed. Services cancelled without advance and/or inadequate notice will be assessed a minimum charge of 4 hours.
- 10) For all Rubino services, a project management/engineering review charge will be billed for all reports issued for the scheduling/supervision of personnel and the evaluation/review of data and reports.
- 11) The minimum billing increment for time is a half hour.
- 12) A project set-up charge of a minimum of two hours applies to all projects.
- 13) Professional services rates are exclusive of expert deposition or testimony time.
- 14) Drilling and field service rates are based on OSHA Level D personnel protection.
- 15) For sites where drilling is to occur that are not readily accessible to a truck mounted drill rig, rates for rig mobility, site clearing, crew stand-by time, etc. will be charged as applicable.
- 16) If applicable the prevailing wage fees charged under this agreement will be adjusted if there is any change in the applicable prevailing wage rate established by the Illinois Department of Labor.
- 17) Services and fees not listed on this schedule may be quoted on request.

Client#: 1171577

RUBINENG

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
 10/02/2025

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

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

PRODUCER USI Insurance Services LLC 2001 Spring Road, Ste 200 Oak Brook, IL 60523 312 442-7200	CONTACT NAME Laurie Cloninger	PHONE (A/C, No, Ext) 630 625-5219	FAX (A/C, No) 610 537-4939
	E-MAIL ADDRESS: AEcertificates@usi.com		
INSURED Rubino Engineering, Inc. 425 Shepard Dr Elgin, IL 60123	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : RLI Insurance Company		13056
	INSURER B : Pacific Insurance Company, Limited		10046
	INSURER C :		
	INSURER D :		
	INSURER E :		

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

CERTIFICATE HOLDER Rubino Engineering, Inc.	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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ACORD 25 (2016/03) 1 of 1
 #S51133355/M50716566

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SXNAB

GENERAL CONDITIONS

1. PARTIES AND SCOPE OF SERVICES: Rubino Engineering, Inc. shall include said company or its particular division, subsidiary or affiliate performing the services. "Services" means the specific geotechnical, analytical, testing or other service to be performed by Rubino Engineering, Inc. as set forth in Rubino Engineering, Inc.'s proposal, Client's acceptance thereof and these General Conditions. Additional services ordered by Client shall also be subject to these General Conditions. "Client" refers to the person or business entity ordering the services to be done by Rubino Engineering, Inc. If Client is ordering the services on behalf of another, Client represents and warrants that it is the duly authorized agent of said party for the purpose of ordering and directing said services. Unless otherwise stated in writing, Client assumes sole responsibility for determining whether the quantity and the nature of the services ordered by the client is adequate and sufficient for Client's intended purpose. Client shall communicate these General Conditions to each and every third party to whom Client transmits any part of Rubino Engineering, Inc.'s services. Rubino Engineering, Inc. shall have no duty or obligation to any third party greater than that set forth in Rubino Engineering, Inc.'s proposal, Client's acceptance thereof and these General Conditions. The ordering of services from Rubino Engineering, Inc., or the reliance on any of Rubino Engineering, Inc.'s work, shall constitute acceptance of the terms of Rubino Engineering, Inc.'s proposal and these General Conditions, regardless of the terms of any subsequently issued document.

2. TESTS AND INSPECTIONS: Client shall cause all tests and inspection of the site, materials and work performed by Rubino Engineering, Inc. or others to be timely and properly performed in accordance with the plans, specifications and contract documents and Rubino Engineering, Inc.'s recommendations. No claims for loss, damage or injury shall be brought against Rubino Engineering, Inc. by Client or any third party unless all tests and inspections have been so performed and unless Rubino Engineering, Inc.'s recommendations have been followed. Client agrees to indemnify, defend and hold Rubino Engineering, Inc., its officers, employees and agents harmless from any and all claims, suits, losses, costs and expenses, including, but not limited to, court costs and reasonable attorney's fees in the event that all such tests and inspections are not so performed or Rubino Engineering, Inc.'s recommendations are not so followed except to the extent that such failure is the result of the negligence, willful or wanton act of omission of Rubino Engineering, Inc., its officers, agents or employees, subject to the limitation contained in paragraph 9.

3. SCHEDULING OF SERVICES: The services set forth in Rubino Engineering, Inc.'s proposal and Client's acceptance will be accomplished in a timely, workmanlike and professional manner by RUBINO ENGINEERING, INC. personnel at the prices quoted. If Rubino Engineering, Inc. is required to delay commencement of the services or if, upon embarking upon its services, Rubino Engineering, Inc. is required to stop or interrupt the progress of its services as a result of changes in the scope of the services requested by Client, to fulfill the requirements of third parties, interruptions in the progress of construction, or other causes beyond the direct reasonable control of Rubino Engineering, Inc., additional charges will be applicable and payable by Client.

4. ACCESS TO SITE: Client will arrange and provide such access to the site as is necessary for Rubino Engineering, Inc. to perform the services. Rubino Engineering, Inc. shall take reasonable measures and precautions to minimize damage to the site and any improvements located thereon as the result of its services or the use of its equipment; however, Rubino Engineering, Inc. has not included in its fee the cost of restoration of damage which may occur. If Client desires or requires Rubino Engineering, Inc. to restore the site to its former condition, upon written request Rubino Engineering, Inc. will perform such additional services as is necessary to do so and Client agrees to pay Rubino Engineering, Inc. for the cost.

5. CLIENT'S DUTY TO NOTIFY ENGINEER: Client represents and warrants that it has advised Rubino Engineering, Inc. of any known or suspected hazardous materials, utility lines and pollutants at any site at which Rubino Engineering, Inc. is to perform services hereunder, and unless Rubino Engineering, Inc. has assumed in writing the responsibility of locating subsurface objects, structures, lines or conduits. Rubino Engineering, Inc. may use such information in performing its services and is entitled to rely upon the accuracy and completeness thereof. Client agrees to defend, indemnify and save Rubino Engineering, Inc. harmless from all claims, suits, losses costs and expenses, including reasonable attorney's fees as a result of personal injury, death or property damage occurring with respect to Rubino Engineering, Inc.'s performance of its work and resulting to or caused by contact with subsurface of latent objects, structures, lines or conduits where the actual or potential presence and location thereof were not revealed to Rubino Engineering, Inc. by Client and/or by any of Client's subcontractors or sub consultants

6. RESPONSIBILITY: Rubino Engineering, Inc.'s services shall not include determining, supervising or implementing the means, methods, techniques, sequences or procedures of construction. Rubino Engineering, Inc. shall not be responsible for evaluating, reporting or affecting job conditions concerning health, safety or welfare. Rubino Engineering, Inc.'s services or failure to perform same shall not in any way excuse any contractor, subcontractor or supplier from performance of its work in accordance with the contract documents. Rubino Engineering, Inc. has no right or duty to stop the contractor's work.

7. SAMPLE DISPOSAL: Unless otherwise agreed in writing, test specimens or samples will be disposed immediately upon completion of the test. All drilling samples or specimens will be disposed sixty (60) days after submission of Rubino Engineering, Inc.'s report.

8. PAYMENT: Client shall be invoiced once each month for services performed during the preceding period. Client agrees to pay each invoice within thirty (30) days of its receipt. Client further agrees to pay interest on all amounts invoiced and not paid or objected to for valid cause in writing with said thirty (30) day period at the rate of eighteen (18) percent per annum (or the maximum interest rate permitted under applicable law), until paid. Client agrees to pay Rubino Engineering, Inc.'s cost of collection of all amounts due and unpaid after sixty (60) days, including court costs and reasonable attorney's fees. Rubino Engineering, Inc. shall not be bound by any provision or agreement requiring or providing for arbitration or disputes or controversies arising out of this agreement, any provision wherein Rubino Engineering, Inc. waives any rights to a mechanics' lien, or any provision conditioning Rubino Engineering, Inc.'s right to receive payment for its services upon payment to Client by any third party. These General Conditions are notice, where required, that Rubino Engineering, Inc. shall file a lien whenever necessary to collect past due amounts. Release of such lien shall be given only when payment in full has been received for services duly rendered. Failure to make payment within thirty (30) days of invoice shall constitute a release of Rubino Engineering, Inc. from any and all claims which Client may have, whether in tort, contract or otherwise and whether known or unknown at the time.

9. STANDARD OF CARE: RUBINO ENGINEERING, INC.'S SERVICES WILL BE PERFORMED, ITS FINDINGS OBTAINED AND ITS REPORTS PREPARED IN ACCORDANCE WITH ITS PROPOSAL, CLIENT'S ACCEPTANCE THEREOF, THESE GENERAL CONDITIONS AND WITH GENERALLY ACCEPTED PRINCIPLES AND PRACTICES. IN PERFORMING ITS PROFESSIONAL SERVICES, RUBINO ENGINEERING, INC. WILL USE THAT DEGREE OF CARE AND SKILL ORDINARILY EXERCISED UNDER SIMILAR CIRCUMSTANCES BY MEMBERS OF ITS PROFESSION. RUBINO ENGINEERING, INC. MAKES NO WARRANTIES, EITHER EXPRESS OR IMPLIED, IN CONNECTION WITH ITS SERVICES PROVIDED AS SET FORTH IN ITS PROPOSAL, CLIENT'S ACCEPTANCE THEREOF, AND THESE GENERAL CONDITIONS. STATEMENTS MADE IN RUBINO ENGINEERING, INC. REPORTS ARE OPINIONS BASED UPON ENGINEERING JUDGMENT AND ARE NOT TO BE CONSTRUED AS REPRESENTATIONS OF FACT.

SHOULD RUBINO ENGINEERING, INC. OR ANY OF ITS PROFESSIONAL EMPLOYEES BE FOUND TO HAVE BEEN NEGLIGENT IN THE PERFORMANCE OF ITS WORK, OR TO HAVE MADE AND BREACHED ANY EXPRESSED OR IMPLIED WARRANTY, REPRESENTATION OR CONTRACT, CLIENT, ALL PARTIES CLAIMING THROUGH CLIENT AND ALL PARTIES CLAIMING TO HAVE IN ANY WAY RELIED UPON RUBINO ENGINEERING, INC.'S WORK, AGREE THAT THE MAXIMUM AGGREGATE AMOUNT OF THE LIABILITY OF RUBINO ENGINEERING, INC., ITS OFFICERS, EMPLOYEES AND AGENTS SHALL BE LIMITED TO \$10,000.00 OR THE TOTAL AMOUNT OF THE FEE PAID TO RUBINO ENGINEERING, INC. FOR ITS WORK PERFORMED WITH RESPECT TO THE PROJECT, WHICHEVER AMOUNT IS GREATER.

NO ACTION OR CLAIM, WHETHER IN TORT, CONTRACT OR OTHERWISE, MAY BE BROUGHT AGAINST RUBINO ENGINEERING, INC., ARISING FROM OR RELATED TO RUBINO ENGINEERING, INC.'S WORK, MORE THAN TWO (2) YEARS AFTER THE CESSATION OF RUBINO ENGINEERING, INC.'S WORK HEREUNDER.

10. INDEMNITY: To the fullest extent permitted by law, Client and Rubino Engineering, Inc. each agree to indemnify the other party and the other party's officers, directors, partners, employees, and representatives, from and against losses, damages, and judgments arising from claims by third parties, including reasonable attorneys' fees and expenses recoverable under applicable law, but only to the extent they are found to be caused by a negligent act, error, or omission of the indemnifying party or any of the indemnifying party's officers, directors, members, partners, agents, employees, subcontractors, or subconsultants in the performance of services under this Agreement. If claims, losses, damages, and judgments are found to be caused by the joint or concurrent negligence of Client and Rubino Engineering, Inc., they shall be borne by each party in proportion to its negligence.

11. TERMINATION: This Agreement may be terminated by either party upon seven (7) days' prior written notice. In the event of termination, Rubino Engineering, Inc. shall be compensated by Client for all services performed up to and including the termination date, including reimbursable expenses and for the completion of such services and records as are necessary to place Rubino Engineering, Inc.'s files in order and/or protect its professional reputation. Failure of Client to make payments when due shall be cause for suspension of services or, ultimately, termination, unless and until Rubino Engineering Inc. has been paid in full all amounts due for services, expenses and other related changes.

12. DISPUTE RESOLUTION: In the event of a dispute arising out of or relating to this Agreement or the services to be rendered hereunder, the Client and Rubino Engineering, Inc. agree to attempt to resolve such disputes in the following manner: 1) The parties agree to attempt to resolve any and all unsettled claims, counterclaims, disputes and other matters in question through direct negotiations between the appropriate representatives of each party; 2) If such negotiations are not fully successful, the parties agree to submit any and all remaining unsettled claims, counterclaims, disputes and other matters in question to mediation in accordance with the Construction Industry Mediation Rules of the American Arbitration Association, effective as of the date of this Agreement.

13. WITNESS FEES: Rubino Engineering, Inc.'s employees shall not be retained as expert witnesses except by separate written agreement. Client agrees to pay Rubino Engineering, Inc.'s legal expenses, administrative costs and fees pursuant to Rubino Engineering, Inc.'s then current fee schedule for Rubino Engineering, Inc. to respond to any subpoena.

14. NO HIRE: Client agrees not to hire Rubino Engineering, Inc.'s employees except through Rubino Engineering, Inc. In the event Client hires a Rubino Engineering, Inc. employee, Client shall pay Rubino Engineering, Inc. an amount equal to one-half of the employee's annualized salary, with Rubino Engineering, Inc. waiving other remedies it may have.

15. HAZARDOUS MATERIALS: Nothing contained within this agreement shall be construed or interpreted as requiring Rubino Engineering, Inc. to assume the status of an owner, operator, generator, storer, transporter, treater or disposal facility as those terms appear within RCRA, CERCLA, or within any Federal or State statute or regulation governing the generation, transportation, treatment, storage and disposal of pollutants. Client assumes full responsibility for compliance with the provisions of RCRA, CERCLA, and any other Federal or State statute or regulation governing the handling, treatment, storage and disposal of pollutants.

16. PROVISIONS SEVERABLE: The parties have entered into this agreement in good faith and it is the specific intent of the parties that the terms of the General Conditions be enforced as written. In the event any of the provisions of these General Conditions should be found to be unenforceable, it shall be stricken and the remaining provisions shall be enforceable.

17. ENTIRE AGREEMENT: This agreement constitutes the entire understanding of the parties, and there are no representations, warranties or undertakings made other than as set forth herein. This agreement may be amended, modified or terminated only in writing, signed by each of the parties hereto.

Rubino Engineering, Inc.



Local Public Agency Kane County DOT	County Kane	Section Number
Prime Consultant (Firm) Name Thomas Engineering Group, LLC	Prepared By Anthony Tomaras	Date 2/3/2026
Consultant / Subconsultant Name Rubino Engineering, Inc.	Job Number Q26.057g_REV1	

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

Remarks

4 noise wall borings to 15 feet along Orchard Rd and summary reporting

PAYROLL ESCALATION TABLE

CONTRACT TERM	18	MONTHS	OVERHEAD RATE	159.87%
START DATE	3/1/2026		COMPLEXITY FACTOR	0
RAISE DATE	3/1/2026		% OF RAISE	3.00%
END DATE	8/31/2027			

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	3/1/2026	3/1/2026	0	0.00%
1	3/2/2026	3/1/2027	12	68.67%
2	3/2/2027	9/1/2027	6	35.36%

The total escalation = 4.03%

Local Public Agency

Kane County DOT

County

Kane

Section Number

Consultant / Subconsultant Name

Rubino Engineering, Inc.

Job Number

Q26.057g_REV1

DIRECT COSTS WORKSHEET

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

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Per Diem (per Federal GSA)	Up to federal maximum			\$0.00
Lodging (per Federal GSA)	Actual Cost (Up to Federal rate maximum)			\$0.00
Lodging Taxes and Fees (per Federal GSA)	Actual Cost			\$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			\$0.00
Vehicle Mileage (per Federal GSA)	Up to Federal rate maximum		\$0.70	\$0.00
Vehicle Owned or Leased (no mileage charge allowed)	\$45.00/half day (4 hours or less) or \$90/full day	4	\$90.00	\$360.00
Vehicle Rental	Actual Cost (Up to \$55/day)			\$0.00
Tolls	Actual Cost			\$0.00
Parking	Actual Cost			\$0.00
Overtime	Premium portion (Submit supporting documentation)			\$0.00
Shift Differential	Actual Cost (Based on firm's policy)			\$0.00
Overnight Delivery/Postage/Courier Service	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (In-house)	Actual Cost (Submit supporting documentation)			\$0.00
Copies of Deliverables/Mylars (Outside)	Actual Cost (Submit supporting documentation)			\$0.00
Project Specific Insurance	Actual Cost			\$0.00
Monuments (Permanent)	Actual Cost			\$0.00
Photo Processing	Actual Cost			\$0.00
2-Way Radio (Survey or Phase III Only)	Actual Cost			\$0.00
Telephone Usage (Traffic System Monitoring Only)	Actual Cost			\$0.00
CADD	Actual Cost (Max \$15/hour)			\$0.00
Web Site	Actual Cost (Submit supporting documentation)			\$0.00
Advertisements	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Facility Rental	Actual Cost (Submit supporting documentation)			\$0.00
Public Meeting Exhibits/Renderings & Equipment	Actual Cost (Submit supporting documentation)			\$0.00
Recording Fees	Actual Cost			\$0.00
Transcriptions (specific to project)	Actual Cost			\$0.00
Courthouse Fees	Actual Cost			\$0.00
Storm Sewer Cleaning and Televising	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
Traffic Control and Protection	Actual Cost (Requires 2-3 quotes with IDOT approval)	1	\$2,100.00	\$2,100.00
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	\$450.94	\$450.94
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)	12	\$150.00	\$1,800.00
Drill Rig Mobilization	In house direct cost	1	\$550.00	\$550.00
Drilling (Hourly)	In house direct cost	8	\$410.00	\$3,280.00
Drilling (Overtime)	In house direct cost	0.5	\$483.00	\$241.50
TOTAL DIRECT COSTS:				\$8,782.44

Lab Testing	Quantity	Rate	Total
Moisture Content	24	\$ 8.90	\$ 213.60
Atterberg Limits	2	\$ 89.00	\$ 178.00
Hydrometer		\$ 178.00	\$ -
Unconfined Compression Testing		\$ 95.00	\$ -
Organic Content	2	\$ 29.67	\$ 59.34
Consolidation Testing		\$ 960.00	\$ -
pH Testing		\$ 22.25	\$ -
Triaxial Testing		\$ 1,800.00	\$ -
		Grand Total	\$ 450.94

Local Public Agency

Kane County DOT

County

Kane

Section Number

Consultant / Subconsultant Name

Rubino Engineering, Inc.

Job Number

Q26.057g_REV1

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 1 OF 1

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Drilling, Lab, and Reporting														
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg			
Material Tester	47.49	0.0																	
Project Manager / Engineer	62.13	8.0	24.24%	15.06	8	24.24%	15.06												
Staff Engineer / Geologist / Laboratory Staff	41.90	24.0	72.73%	30.48	24	72.73%	30.48												
Principal	33.92	0.0																	
	81.14	1.0	3.03%	2.46	1	3.03%	2.46												
		0.0																	
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TOTALS		33.0	100%	\$48.00	33.0	100.00%	\$48.00	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00



Known for excellence.
Built on trust.

GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION
MANAGEMENT

GZA Illinois, Inc.
1301 West 22nd Street
Suite 510
Oak Brook, IL 60523
T: 630-684-9100
F: 630-928-0709

WWW.GZA.COM

January 30, 2026

Mr. Curtis Cornwell, P.E., PTEO
Thomas Engineering Group, LLC
762 Shoreline Drive Suite 200
Aurora, Illinois 60504

Re: Orchard Road Noise Barrier Design
Proposal No.: 81.P013147.26

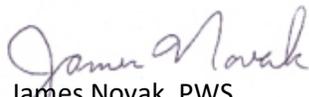
Dear Mr. Cornwell:

This proposal has been prepared for your review and approval. This work pertains to the completion of a noise barrier analysis associated with Orchard Road in Aurora, Kane County, Illinois. The attached work order provides a scope of services, specific project budget, and the project schedule.

This provides a scope of services, specific project budget, and schedule for the work.

Please do not hesitate to call me with any questions or comments.

Sincerely,


James Novak, PWS
Associate Principal

Enclosure

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WORK PLAN
Orchard Road Noise Abatement
January 30, 2026
Proposal No.: 81.P013147.26

1. BACKGROUND

The City of Aurora (the City) requested a scope of services for noise barrier design along Orchard Road. The general locations for the proposed noise barriers were detailed in the RFP and would be replacements for the existing wooden fences located along Orchard Road between Prairie Street and Indian Trail Road. This design is to replace an existing wooden fence along 6,265 linear feet of Orchard Road. This fence, constructed in 2004, was intended to provide a physical barrier and reduce noise pollution at the adjacent single-family homes, is in substantial disrepair and does not provide adequate sound attenuation.

2. WORK PLAN

GZA of Illinois, Inc. (GZA) anticipates six work tasks will be required as part of this project, as detailed below.

Task 1: Data Collection & Processing

GZA will complete a desktop-level review of the project area and develop a noise receptor location map for the project area. GZA will submit a data request to the City for the information required for the noise analysis. Data required included roadway design information (profile information), base of wall elevation for the proposed noise barrier, and traffic volume and composition data (cars, medium trucks, heavy trucks) for Orchard Road. This task will also include preparation of data inputs for the traffic noise modeling work. If any of this data is not available, GZA will work with Thomas and the City to develop proper assumptions for the modeling.

Task 2: Noise Monitoring

It is anticipated that four locations will be monitored in the field to collect existing noise and traffic data to be used for traffic noise model validation. One location for each of the neighborhoods behind the proposed noise barriers will be monitored.

Noise levels at these location(s) will be measured with a Type I or Type II noise meter. Noise measurements will be conducted for approximately ten to fifteen minutes at each monitoring location, or longer as needed to reach a steady-state noise level. Noise monitoring is weather-dependent. During each monitoring period, car, medium truck, and heavy truck volumes will be counted.

An access letter granting the project team access to private property will be provided by the City, if available. This letter will serve as public notification and will be given to property owners who inquire about the project during the noise monitoring. Noise monitoring can be conducted from public ROW for each neighborhood.

Task 3: Traffic Noise Abatement Analysis

A traffic noise model will be developed for the current conditions for the project corridor. The existing condition model will be validated with the noise monitoring results.

A traffic noise abatement analysis will be completed following model validation. The noise abatement analysis will use the noise wall locations detailed in the RFP as a starting point for modeling. The noise barrier locations and heights

will be refined to provide adequate noise abatement at the desired locations. The definition of adequate noise abatement and the desired locations will be discussed with the City and other appropriate parties as part of the planned meetings.

Task 4: Traffic Noise Abatement Memorandum

A traffic noise memorandum will be prepared detailing the traffic noise abatement analysis and results. The memorandum will include recommendations on noise barrier locations and heights. It will also include modeled noise level reductions for individual residential locations achieved by each barrier. This information will be detailed in graphical figures and/or tabular form.

Task 5: Meetings

It is anticipated that two meetings will occur between the project team and the public, including one open house and one public meeting. The first meeting would explain the process and purpose of the study, while soliciting comments about needs and concerns from the public. This will help direct the study. For example, if truck noise is a big concern, then additional wall height at more limited locations may be recommended. In contrast, if car noise is the main concern, then a shorter wall covering a greater area may more adequately address the public’s concerns.

Additionally, it is anticipated that two coordination calls between GZA and the project stakeholders will be helpful, including but not limited to the City, KDOT, and the local alderman.

Task 6: Project Administration / QA/QC

The project administration task for this project includes coordination with project staff and other project administration, as needed. The QA/QC task allows for quality assurance and quality control of the traffic noise abatement analysis and memorandum.

3. ESTIMATED COST

The cost estimate for this Work Plan is presented in the attached Cost Estimate of Consultant Services (CECS). The workhour estimate is summarized below.

Task	Estimated Workhours
1 – Data Collection & Processing	20
2 – Noise Monitoring	6
3 – Traffic Noise Abatement Analysis	75
4 – Traffic Noise Abatement Memorandum	20
5 – Meetings	15
6 – Project Administration / QA/QC	5
Total	141

This represents a not-to-exceed cost estimate of \$29,183

4. PROJECTED TIMELINE

Data collection will be initiated within one week from the Notice to Proceed. The noise modeling and memorandum preparation will be completed within 3 months after the data collection and noise monitoring is completed, including receipt of all requested data from the City. Noise monitoring is weather dependent.



Local Public Agency City of Aurora	County Kane	Section Number
Prime Consultant (Firm) Name Thomas Engineering Group	Prepared By TK	Date 1/29/2026
Consultant / Subconsultant Name GZA Illinois, Inc.	Job Number 	

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

Remarks

Orchard Road Noise Wall - Design

PAYROLL ESCALATION TABLE

CONTRACT TERM	12	MONTHS			OVERHEAD RATE	184.39%
START DATE	2/26/2026				COMPLEXITY FACTOR	0
RAISE DATE	3/1/2026				% OF RAISE	3.00%
END DATE	2/25/2027					

ESCALATION PER YEAR

Year	First Date	Last Date	Months	% of Contract
0	2/26/2026	3/1/2026	0	0.00%
1	3/2/2026	3/1/2027	12	103.00%

The total escalation = 3.00%

Local Public Agency

County

Section Number

City of Aurora

Kane

Consultant / Subconsultant Name

Job Number

GZA Illinois, Inc.

PAYROLL RATES

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

MAXIMUM PAYROLL RATE	90.00
ESCALATION FACTOR	3.00%

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

CLASSIFICATION	IDOT AVG PAYROLL RATES ON FILE	CALCULATED RATE
Principal	\$90.00	\$90.00
Associate Principal II	\$78.91	\$81.28
Associate Principal I	\$72.41	\$74.58
Senior Consultant II	\$70.00	\$72.10
Senior Consultant I	\$64.97	\$66.92
Senior Project Manager III	\$75.84	\$78.12
Senior Project Manager II	\$63.84	\$65.76
Senior Project Manager I	\$59.95	\$61.75
Senior Landscape Architect	\$63.40	\$65.30
Senior Planning PM	\$61.44	\$63.28
Senior Technical Specialist II	\$63.69	\$65.60
Scientist PM II	\$54.41	\$56.04
Scientist PM I	\$47.56	\$48.99
Assistant PM Scientist	\$39.04	\$40.21
Environmental Engineer PM II	\$52.00	\$53.56
Environmental Engineer PM I	\$48.90	\$50.37
Geotechnical Engineer PM I	\$52.74	\$54.32
Assistant PM Engineer I	\$40.04	\$41.24
Engineer I	\$37.81	\$38.94
Engineer II	\$32.70	\$33.68
Scientist SI	\$35.30	\$36.36
Scientist SII	\$31.77	\$32.72
Technical Graphics Technician	\$29.42	\$30.30
Architectural Historian	\$44.36	\$45.69
Administrative Executive	\$54.99	\$56.64
Administrative Manager	\$46.97	\$48.38
Senior Administrative Assistant	\$37.90	\$39.04

Local Public Agency

City of Aurora

County

Kane

Section Number

Consultant / Subconsultant Name

GZA Illinois, Inc.

Job Number

DIRECT COSTS WORKSHEET

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

ITEM	ALLOWABLE	QUANTITY	CONTRACT RATE	TOTAL
Per Diem (per Federal GSA)	Up to federal maximum			\$0.00
Lodging (per Federal GSA)	Actual Cost (Up to Federal rate maximum)			\$0.00
Lodging Taxes and Fees (per Federal GSA)	Actual Cost			\$0.00
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval			\$0.00
Vehicle Mileage (per Federal GSA)	Up to Federal rate maximum	100	\$0.70	\$70.00
Vehicle Owned or Leased (no mileage charge allowed)	\$45.00/half day (4 hours or less) or \$90/full day			\$0.00
Vehicle Rental	Actual Cost (Up to \$55/day)			\$0.00
Tolls	Actual Cost	6	\$2.50	\$15.00
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)			\$0.00
Equipment and/or Specialized Equipment Rental	Actual Cost (Requires 2-3 quotes with IDOT approval)			\$0.00
				\$0.00
				\$0.00
				\$0.00
TOTAL DIRECT COSTS:				\$85.00

LR 05514 (Rev. 11/21/25) DIRECT COSTS

Local Public Agency

City of Aurora

County

Kane

Section Number

Consultant / Subconsultant Name

GZA Illinois, Inc.

Job Number

AVERAGE HOURLY PROJECT RATES
EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 1 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	TOTAL PROJ. RATES			Data Collection & Processing			Noise Monitoring			Traffic Noise Abatement Analysis			Traffic Noise Abatement Memorandum			Meetings		
		Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg
Principal	90.00	0.0																	
Associate Principal II	81.28	0.0																	
Associate Principal I	74.58	3.0	2.13%	1.59										2	10.00%	7.46			
Senior Consultant II	72.10	0.0																	
Senior Consultant I	66.92	0.0																	
Senior Project Manager III	78.12	0.0																	
Senior Project Manager II	65.76	102.0	72.34%	47.57	15	75.00%	49.32	3	50.00%	32.88	50	66.67%	43.84	15	75.00%	49.32	15	100.00%	65.76
Senior Project Manager I	61.75	0.0																	
Senior Landscape Architec	65.30	0.0																	
Senior Planning PM	63.28	0.0																	
Senior Technical Specialis	65.60	23.0	16.31%	10.70	3	15.00%	9.84				20	26.67%	17.49						
Scientist PM II	56.04	13.0	9.22%	5.17	2	10.00%	5.60	3	50.00%	28.02	5	6.67%	3.74	3	15.00%	8.41			
Scientist PM I	48.99	0.0																	
Assistant PM Scientist	40.21	0.0																	
Environmental Engineer PM	53.56	0.0																	
Environmental Engineer PM	50.37	0.0																	
Geotechnical Engineer PM	54.32	0.0																	
Assistant PM Engineer I	41.24	0.0																	
Engineer I	38.94	0.0																	
Engineer II	33.68	0.0																	
Scientist SI	36.36	0.0																	
Scientist SII	32.72	0.0																	
Technical Graphics Techni	30.30	0.0																	
Architectural Historian	45.69	0.0																	
Administrative Executive	56.64	0.0																	
Administrative Manager	48.38	0.0																	
Senior Administrative Assis	39.04	0.0																	
TOTALS		141.0	100%	\$65.02	20.0	100.00%	\$64.76	6.0	100%	\$60.90	75.0	100%	\$65.07	20.0	100%	\$65.18	15.0	100%	\$65.76

Local Public Agency

City of Aurora

County

Kane

Section Number

Consultant / Subconsultant Name

GZA Illinois, Inc.

Job Number

AVERAGE HOURLY PROJECT RATES

EXHIBIT D COST ESTIMATE OF CONSULTANT SERVICES (CECS) WORKSHEET

SHEET 2 OF 2

PAYROLL CLASSIFICATION	AVG HOURLY RATES	Project Administration / QA/QC																	
		Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg			
Principal	90.00																		
Associate Principal II	81.28																		
Associate Principal I	74.58	1	20.00%	14.92															
Senior Consultant II	72.10																		
Senior Consultant I	66.92																		
Senior Project Manager III	78.12																		
Senior Project Manager II	65.76	4	80.00%	52.60															
Senior Project Manager I	61.75																		
Senior Landscape Architect	65.30																		
Senior Planning PM	63.28																		
Senior Technical Specialist II	65.60																		
Scientist PM II	56.04																		
Scientist PM I	48.99																		
Assistant PM Scientist	40.21																		
Environmental Engineer PM II	53.56																		
Environmental Engineer PM I	50.37																		
Geotechnical Engineer PM I	54.32																		
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Technical Graphics Technician	30.30																		
Architectural Historian	45.69																		
Administrative Executive	56.64																		
Administrative Manager	48.38																		
Senior Administrative Assistant	39.04																		
TOTALS		5.0	100%	\$67.52	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00	0.0	0%	\$0.00