

Construction Monitoring &
Observations
Construction Materials Testing
Tunnels and Underground Openings
Geotechnical Engineering &
Evaluation

SEECO Consultants Inc.
CONSULTING ENGINEERS

Subsurface Explorations
Foundation Analysis & Design
Structural Rehabilitation
Condition Surveys
Dams and Drainage Studies

January 26, 2022

Village of Orland Park
14700 S. Ravinia Ave.
Orland Park, IL 60462

Re: RFP #22-006 Soils and Materials Testing and Engineering 2022 - 2024

SEECO Consultants Inc. is pleased to present herewith our Qualifications for the above referenced services. SEECO continually performs these services for a wide range of clientele including many municipalities. SEECO has worked on numerous projects in Orland Park, including performing the geotechnical study and construction materials testing services for the Ravinia Ave and 147th Street Roundabout project.

As required by IDOT, SEECO is prequalified by IDOT in Quality Assurance for Bituminous and PCC and in all Geotechnical categories.

Our consulting engineering firm is completely independent of any other consulting engineering firm, asphalt or paving contractor, or any other construction firm in the industry. SEECO's construction field personnel are represented by Local #150 of the International Union of Operating Engineers.

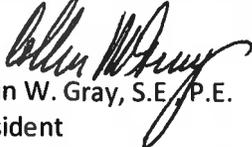
Due to the close proximity of our office, laboratory and shop to the Village of Orland Park, no travel time or mileage costs will be incurred. Only time working on site will be charged. Therefore, a four-hour minimum will entail 4 hours working onsite. There will be no charge for sample pickups in Orland Park either. Cost comparisons should take into account SEECO's 4 hours are time on site versus other firms 4 hours encompassing 2 hours of travel and only 2 hours on site!

If the Village requires additional information or clarification of the presented material, please feel free to contact us at any time. We appreciate the opportunity to offer our services and are anticipating a favorable reply.

Respectfully,

SEECO Consultants Inc.


Donald C. Cassier
Director of Field Services


Collin W. Gray, S.E., P.E.
President

DCC:arm

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**VILLAGE OF ORLAND PARK
SOILS AND MATERIALS TESTING
AND ENGINEERING 2022 – 2024
RFP# 22-006**

PREPARED FOR:

**THE VILLAGE OF ORLAND PARK
14700 S. RAVINIA AVE.
ORLAND PARK, ILLINOIS 60462**

PREPARED BY:

**SEECO CONSULTANTS INC.
7350 DUVAN DRIVE
TINLEY PARK, ILLINOIS 60477
(708) 429-1666**

TABLE OF CONTENTS

- i. RFP Documents- Section III**
 - a. Proposal Summary Sheet**
 - b. Certificate of Compliance**
 - c. References Form**
 - d. Insurance Requirements Form**
 - e. Unit Price Sheet- Including Bid Sheet Clarifications**

- ii. Company Background**

- iii. General Firm History and Capabilities**

- iv. IDOT Prequalifications & AMRL Accreditation**

- v. Understanding of Responsibilities and Potential Scope of Work**

- vi. Project-Firm Experience**

- vii. Corporate References**

- viii. Key Personnel Resumes-Proposed Project Team**

- ix. Proof of Insurance**

RFP DOCUMENTS-SECTION III

PROPOSAL SUMMARY SHEET
RFP 22-006
Soils and Materials Testing and Engineering 2022-2024

Business Name: SEECO Consultants Inc.

Street Address: 7350 Duvan Drive

City, State, Zip: Tinley Park, IL 60477

Contact Name: Don Cassier

Title: Director of Field Services

Phone: 708-429-1666 Fax: 708-429-6192

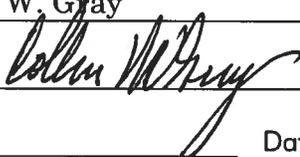
E-Mail address: cassier@seeco.com

Price Proposal

Please submit Unit Price Sheet

AUTHORIZATION & SIGNATURE

Name of Authorized Signee: Collin W. Gray

Signature of Authorized Signee: 

Title: President Date: January 26, 2022

 **ORLAND PARK**
CERTIFICATE OF COMPLIANCE

The undersigned Collin W. Gray, as President
(Enter Name of Person Making Certification) (Enter Title of Person Making Certification)

and on behalf of SEECO Consultants Inc., certifies that:
(Enter Name of Business Organization)

1) BUSINESS ORGANIZATION:

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

Federal Employer I.D.#: 36-3458492
(or Social Security # if a sole proprietor or individual)

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

- Sole Proprietor
- Independent Contractor (Individual)
- Partnership
- LLC
- Corporation Illinois September 1986
(State of Incorporation) (Date of Incorporation)

2) ELIGIBILITY TO ENTER INTO PUBLIC CONTRACTS: Yes No

The Proposer is eligible to enter into public contracts, and is not barred from contracting with any unit of state or local government as a result of a violation of either Section 33E-3, or 33E-4 of the Illinois Criminal Code, or of any similar offense of "Bid-rigging" or "Bid-rotating" of any state or of the United States.

3) SEXUAL HARASSMENT POLICY: Yes No

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

4) EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE: Yes No

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

Proposer shall: (I) not discriminate against any employee or applicant for employment because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (II) examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization; (III) ensure all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, or physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; (IV) send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Vendor's obligations under the Illinois Human Rights Act and Department's Rules and Regulations for Public Contract; (V) submit reports as required by the Department's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Department or the contracting agency, and in all respects comply with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts; (VI) permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and Department for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and Department's Rules and Regulations for Public Contracts; and (VII) include verbatim or by reference the provisions of this Equal Employment Opportunity Clause in every subcontract it awards under which any portion of this Agreement obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as the other provisions of this Agreement, the Proposer will be liable for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the Department in the event any subcontractor fails or refuses to comply therewith. In addition, the Proposer will not utilize any subcontractor declared by the Illinois Human Rights Department to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations. Subcontract" means any agreement, arrangement or understanding, written or otherwise, between the Proposer and any person under which any portion of the Proposer's obligations under one or more public contracts is performed, undertaken or assumed; the term "subcontract", however, shall not include any agreement, arrangement or understanding in which the parties stand in the relationship of an employer and an employee, or between a Proposer or other organization and its customers. In the event of the Proposer's noncompliance with any provision of this Equal Employment Opportunity Clause, the Illinois Human Right Act, or the Rules and Regulations for Public Contracts of the Department of Human Rights the Proposer may be declared non-responsible and therefore ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and this agreement may be canceled or avoided in whole or in part, and such other sanctions or penalties may be imposed or remedies involved as provided by statute or regulation.

5) TAX CERTIFICATION: Yes No

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

6) AUTHORIZATION & SIGNATURE:

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

ACKNOWLEDGED AND AGREED TO:



Signature of Authorized Officer

Collin W. Gray

Name of Authorized Officer

President

Title

January 26, 2022

Date

REFERENCES

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

Bidder's Name: SEECO Consultants Inc.
(Enter Name of Business Organization)

1. ORGANIZATION Village of Lombard
ADDRESS 1051 S Hammerschmidt Ave. Lombard, IL 60148
PHONE NUMBER 630-620-5740
CONTACT PERSON Ray Schwab
YEAR OF PROJECT Ongoing annual contract

2. ORGANIZATION City of Lockport
ADDRESS 17112 S. Prime Blvd. Lockport, IL 60441
PHONE NUMBER 815-838-0549
CONTACT PERSON Brent Cann
YEAR OF PROJECT Ongoing annual projects

3. ORGANIZATION Christopher B. Burke Engineering, LTD
ADDRESS 16221 W. 159th Street, Suite 201 Lockport, IL 60441
PHONE NUMBER 815-770-2850
CONTACT PERSON Bryan Welch
YEAR OF PROJECT Ongoing projects



ORLAND PARK

INSURANCE REQUIREMENTS

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

WORKERS' COMPENSATION & EMPLOYER LIABILITY

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

AUTOMOBILE LIABILITY (ISO Form CA 0001)

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

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

\$1,000,000 – Combined Single Limit Per Occurrence
Bodily Injury & Property Damage
\$2,000,000 – General Aggregate Limit
\$1,000,000 – Personal & Advertising Injury
\$2,000,000 – Products/Completed Operations Aggregate
Additional Insured Endorsements: ISO CG 20 10 or CG 20 26 and
CG 20 01 Primary & Non-Contributory
Waiver of Subrogation in favor of the Village of Orland Park



PROFESSIONAL LIABILITY

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



UMBRELLA LIABILITY (Follow Form Policy)

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



UMBRELLA/EXCESS PROFESSIONAL LIABILITY

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



BUILDERS RISK

Completed Property Full Replacement Cost Limits -
Structures under construction



ENVIRONMENTAL IMPAIRMENT/POLLUTION LIABILITY

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



CYBER LIABILITY

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

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

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

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

ACCEPTED & AGREED ON 1/26/2022

Signature

Collin W. Gray

Printed Name

President

Title

Authorized to execute agreements for:

SEECO Consultants Inc.

Name of Company

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

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

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

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

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

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

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

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

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

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

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

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

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

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

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

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

PRIMARY AND NONCONTRIBUTORY – OTHER INSURANCE CONDITION

This endorsement modifies insurance provided under the following:

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

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

Primary And Noncontributory Insurance

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

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

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

SPECIMEN

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

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

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

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

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

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

However, the insurance afforded to such additional insured:

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

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

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

This insurance does not apply to:

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

any professional architectural, engineering or surveying services, including:

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

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

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

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

POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY
CG 20 37 07 04

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

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

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

**Unit Price Sheet
RFP 22-006**

Soils and Material Testing and Engineering 2022-2024

The undersigned, having become familiar with the Documents and Specifications on file in the office of the Owner as designated in the Request for Proposal, hereby proposes to provide and furnish all of the labor, materials, necessary tools, expendable equipment and all utility and transportation services necessary to perform and complete in a workmanlike manner all of the work required for and the work described in the following schedule in connection with the soils and material testing and engineering associated with the Village of Orland Park road

ITEM	DESCRIPTION - Personnel	Unit Price - (Per Hour)
1	Material Tester I / Level 1 ACI, HMA Technician (4 hrs. Min./Day)	\$ 109.00
2	Material Tester 2 / Level 2 PCC, HMA, Soil Technician (4hrs. Min./Day)	114.00
3	Prevailing Wage Administrator	No Charge
4	Field Engineer	116.00
5	Staff (graduate) Engineer	112.00
6	Project Engineer or Materials Consultant, P.E.	125.00
7	Geotechnical Engineer	135.00
8	Principal Engineer	180.00

*

ITEM	DESCRIPTION - Laboratory Testing - Soils and Backfill	Unit Price - (Per Test)
1	Aggregate Gradation – Washed Sieve Analysis ASTM C 117	\$ 110.00
2	Aggregate Gradation – Mechanical Analysis ASTM C 136	95.00
3	Aggregate Gradation – Bulk Density & Voids ASTM C 29	125.00
4	Soils Gradation, Combined Sieve & Hydrometer	190.00
5	Atterberg Limits	95.00
6	Moisture-Density Relationship ASTM D 698 (Std. Proctor Test)	185.00
7	Moisture-Density Relationship ASTM D 1557 (Mod. Proctor Test)	195.00
8	Illinois Bearing Ratio, w/Moisture-Density, AASHTO T 193 IL Modified	500.00
9	Unconfined Compressive Strength of Undisturbed Soil Samples: Rimac (IDOT) Method	10.00
	Stress-Strain Curve, ASTM D 2166	30.00
10	Moisture Content of Soil/Aggregate, ASTM D 2216/566	5.00
11	Total Organic Matter by Wet Combustion Method, AASHTO T 194	85.00
12	pH of Soil, ASTM D 4972	25.00

ITEM	DESCRIPTION - Concrete and Masonry	Unit Price - (Per Test)
1	Compressive Strength Tests of Concrete Cylinders (including curing & expendable supplies). <i>Note: Pick-up cost separate under Misc. Services below.</i>	\$ 18.00
2	Compressive Strength Tests of Concrete Cylinders (including expendable supplies). <i>Note: Curing performed by others & pick-up cost separate under Misc. Services below.</i>	18.00
3	Compressive Strength of Grout Cylinders (3"x6") or Mortar Cubes (2"x2") including molds, supplies, curing. <i>Note: Pick-up cost separate under Misc. Services below.</i>	20.00
4	Strength of Masonry Units, Prisms. <i>Note: Pick-up cost separate under Misc. Services below.</i>	225.00

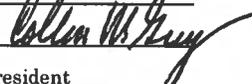
ITEM	DESCRIPTION - Hot Mix Asphalt	Unit Price - (Per Test)
1	Theoretical Maximum Density	\$ 95.00
2	Asphalt Content by Reflux Extraction with Gradation	200.00
3	Asphalt Content by Ignition Oven with Gradation	190.00
4	Bulk Specific Gravity of Gyrotory Specimen (set of two) and Air Voids	200.00
5	Tensile Strength Ratio- Per Mix	450.00
6	Core Density and Thickness- Lab Test	45.00

ITEM	DESCRIPTION - Field Sampling	Unit Price - (Per Test)
1	Mobilization of Core Rig and Personnel	\$ 175.00
2	Bituminous Pavement Core: 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole	225.00
3	Concrete pavement Core: 4" diameter, including 1 subgrade sample with water content, dry unit weight, patch hole	250.00
4	Mobilization of Drill Rig and Personnel	175.00
5	Subgrade Soil Probe: 5 ft. deep, including sampling at 2.5' intervals with water content, dry unit weight	215.00
6	Subgrade Soil Probe: 10 ft. deep, including sampling at 2.5' intervals with water content, dry unit weight	415.00

ITEM	DESCRIPTION - Miscellaneous Services	Unit Price - (Per Test)
1	Provide Correlated Nuclear Gauge On Job Site (daily flat fee)	\$ 30.00
2	Concrete Cylinder Pick-Up (dedicated trip)	No Charge
3	Phase One Environmental Site Assessment: CCCD Sampling and Testing of Village Utility Repair Excavation Stockpile Located at Bulk Material Storage Site 16401 S. 108th Avenue	1,200.00 ***

Proposer: Collin W. Gray

Firm Name: SEECO Consultants Inc.

Signed: 

Title: President

Dated: January 26, 2022

Bid Sheet Clarifications

* Personnel

Overtime rates of 1.35 times the stated rate will be applicable for field personnel for hours in excess of 8 per weekday or Saturday, Sundays and/or Holiday rates are 2.0 times the stated rates.

All field charges are on site time with a four- hour minimum.

NO TRAVEL TIME WILL BE CHARGED.

Onsite cancellations subject to a four- hour minimum and telephone cancellations after travel has commenced are subject to a three- hour minimum charge.

** Field Sampling

Items 2, 3, 5, & 6 - Minimum of 5 cores or borings per mobilization. Cores include auger sample of encountered subgrade.

Costs stated did not request nor include engineering analysis and/or reporting time. Applicable personnel rates will be charged for reporting. Said engineering analysis and/or reporting time will be invoiced at applicable rates stated in Personnel Section.

*** Miscellaneous Services

No. 3 - " Phase 1 Environmental Site Assessment" involves only CCDD Sampling of Stockpile which Includes chemical analysis of one (1) sample for the following parameters- VOCs, SVOCs, Pesticides and PCBs, Total 8 RCRA Metals and pH and preparation of LPC 663 form if applicable. Standard Turnaround Time of 5-7 days for laboratory results

COMPANY BACKGROUND

COMPANY BACKGROUND

Years in Business and Location

SEECO Consultants Inc. was formed in 1970 as Soil Engineering and Exploration Company. The name was shortened in 1986 to SEECO Consultants Inc. Hence, the company has been in business over 50 years. SEECO's office and laboratory are located in Tinley Park, IL within 2 miles of the limits of the Village of Orland Park.

Officers and Key Management Personnel

Collin W. Gray, SE, PE, is President and Treasurer

Dr. Denise A. Gray is Vice President and Secretary

Don Cassier is Director of Field Services

Annual Volume of Work and Capacity

SEECO's annual volume of work has averaged in the two million range over the last three (3) years. With the current level of staffing and available equipment, SEECO could easily increase the volume without straining the current key engineering staff. Our relationship with Local 150 of the Operating Engineers (of which our drillers, technicians and field engineers are signatory) affords us the opportunity to add trained, experienced field staff as needed.

Litigation

There are no existing suits, claims or pending judgments against SEECO Consultants Inc.

GENERAL FIRM HISTORY & CAPABILITIES

GENERAL FIRM FACILITIES, CAPABILITIES AND EQUIPMENT

SEECO Consultants, Inc. (SEECO) is a full service Consulting Engineering firm specializing in Civil, Geotechnical and Environmental Engineering and Construction Materials Engineering, Inspection and Quality Control. We have a full complement of drilling rigs and a complete geotechnical testing laboratory that is approved by the U.S. Army Corps of Engineers (Ohio River Division), the Illinois Capital Development Board, Illinois Department of Transportation and AASHTO (AMRL) and CCRL.

The company is located in the southwest suburbs of Chicago and has been providing engineering consulting services throughout the Midwest since 1970. The staff includes Professional Engineers, Civil Engineers, Environmental Engineers, Geotechnical Engineers, Hydro-geologists and Geologists and an experienced team of field engineers and technicians.

SEECO has a strong Project Management System - project managers are involved at the inception of a project and generally have responsibility of a project from proposal to completion. Weekly and monthly project meetings are conducted to monitor project progress. In some cases projects are tracked on a daily basis. A single source point of contact for a project provides a single person who interfaces with the Client as well as the project administrator and provides a very efficient communication system.

From its inception, SEECO has provided a comprehensive in-house training program for construction material monitoring and testing. All staff are provided with annual training including in-house seminars and refresher training, as applicable. All of the engineers and technicians at SEECO are familiar with the American Society of Testing and Materials (ASTM), U.S. Army Corps of Engineers and American Association of State Highway and Transportation Officials (AASHTO) testing procedures. In addition, a number of the staff and field engineers and technicians are Illinois Department of Transportation (IDOT) Portland Cement Concrete (PCC) Levels 1, 2 and 3 and Bituminous Levels 1, 2 and 3. The Senior Drillers and select engineering personnel have completed OSHA Hazardous Site Worker training per 29 CFR 1910.120.

SEECO owns and operates eight (8) truck-mounted drill rigs, two (2) all-terrain vehicle (ATV) mounted drill rigs, one (1) skid-mounted drill rig, two (2) floating plants and a motor boat for off-shore drilling work.

Environmental Investigations and Consulting Services are conducted by SEECO as well. Environmental services include, but are not limited to: Phase I Environmental Site Assessments, Phase II Site Characterization and Delineation Studies, Phase III Site Groundwater and Soil Remediation Cleanup Plans and Phase IV Site Remediation Construction and Oversight of Correction Action Plans, Underground Storage Tank Management and closures, Facility Permits and Compliance Commitment Agreements, Air Quality Modeling and Air Quality Permitting, NPDES Permits, SPCC Plans, RCRA Compliance, RCRA Corrective Action Plans, SARA Title III Community Right to Know reporting, Risk Assessment and Compliance Audits.

SEECO is licensed as a Professional Engineering Service Corporation in the State of Illinois and is a Small Business Enterprise (SBE).

IN-HOUSE CAPABILITIES

Construction Field Services

SEECO is prequalified by IDOT for PCC & HMA Quality Assurance. SEECO provides construction monitoring and observation and testing for the placement of concrete and asphalt, the placement and compaction of crushed stone and soil, subgrade, and road base stabilization. SEECO inspectors possess IDOT Level I, II and III PCC and IDOT Level I, II and III Bituminous Concrete certification. SEECO also performs Superpave asphalt mix design per IDOT specifications using state of the art Binder Ignition Oven, Gyrotory Asphalt Compactor and computer/printer for data collection and recording. Materials samples and concrete cylinders are transported to our concrete laboratory for testing. SEECO provides steel inspection services (bolts and welds), roof inspections, fire proofing and insulation testing and inspections. SEECO conducts trench backfill, structural earth fills, excavation, caisson, pile and footing inspections. Field reports and final reports are prepared for each project. Identification of any non-specification items or testing and inspection results are reported immediately to the client, verbally and electronically.

Geotechnical Engineering Services

SEECO is prequalified by IDOT in all four levels of Geotechnical Engineering, including being one of only a select few firms to have this **Complex Engineering** prequalification. SEECO provides subsurface exploration services to a depth of 300 feet with conventional and hollow stem augers and up to 1000 feet with NW drill rods. Drilling can be accomplished in virtually any environment from inside buildings and rooms with the skid rig to swamps with the all-terrain vehicle-mounted drill rig in all types of soil, rock and fill materials. SEECO has extensive experience drilling in peat and soils with unsuitable bearing capacities in the glacial deposits in and around the Chicago Region and the upper Midwest. We have State of the Art Pressuremeter Testing equipment and has used this equipment in the analysis and design of deep foundations in downtown Chicago. We have a full Geotechnical Testing Laboratory with the capacity to test soil and rock, Triaxial Shear Tests - Q, R and S and Permeability Triaxial Constant and Falling Head testing, Atterberg Limits, Hydrometer and Sieve Analysis, Unconfined Compression Tests, Dry and Wet Unit Density, Complete Concrete and Asphalt Testing, and Compaction Testing and SCP and DCP field testing. SEECO performs Ground Penetrating Radar Surveys to locate subsurface anomalies, including buried structures, tanks and/or utilities.

Environmental Engineering Services

SEECO provides environmental assessments, CCDD Disposal Due Diligence and LPC form preparation, remedial design and site remediation services, compliance audits and facility permitting, expert testimony and agency negotiations, geotechnical testing and construction/remediation management, various plans to comply with environmental regulations such as a Spill Control and Countermeasure Plan, (SCCP) air monitoring and sick building investigations. Staff experience includes, but is not limited to, Solid Waste Landfill Closures, Project Management, Design and Coordination of Investigation and Remediation at State and Federal Superfund Sites, LUST Closure and Reimbursement; Phase I, Phase II and Compliance Audits of heavy industrial sites, including Petroleum Refineries and Steel Mills, Foundries and Chemical Plants; Operating Facility Permits for Air Emissions, Wastewater Discharges, Storage, Handling Treatment and/or Disposal of hazardous substances or wastes; Asbestos Investigations and Remediation; Remedial Design including SVE and Air Sparge Systems, In-Situ Bioremediation and Bioventing, and Natural Attenuation; Risk Assessment and Remedial Investigation/Feasibility Studies, Wetlands Delineation, and On-Site Environmental Laboratory Testing and Analysis.

Special Engineering Services

SEECO provides expertise in forensic geotechnical and foundation engineering; marine investigations, jetties, breakwaters; levees, dam design and construction management; lysimeter and inclinometer installations for horizontal deformation monitoring; seismic engineering design for dams, navigation structures and buildings; and structural condition surveys of existing buildings.

TESTING FACILITIES AND CAPABILITIES

SEECO owns and maintains the necessary equipment to perform the required tests. All the equipment is calibrated biannually and our laboratory equipment is periodically inspected by various governmental agencies. SEECO's laboratory and testing procedures are approved by IDOT, Indiana Department of Transportation, US Army Corps of Engineers Ohio River Division and Metropolitan Water Reclamation District of Greater Chicago. SEECO's laboratory is AASHTO accredited through AMRL and CCRL.

CONSTRUCTION SERVICES

Field and Laboratory Quality Control Services

- Construction Materials Testing
- Caisson & Pile Installation Inspection
- Engineered Fill and Backfill Testing

Geotechnical & Materials Laboratory Testing

- Soil & Rock Testing, Including Q, R, and S Triaxial Compression Testing and Permeability Testing
- Complete Concrete and Asphalt Testing
- Plastic Concrete Testing
- Reinforcing Steel Inspection
- Structural Steel
- Aggregates
- Masonry
- Pavements
- Roofing
- Precast Concrete
- Postensioned Concrete
- Fireproofing Inspection
- Insulation Inspection

Engineering Analysis and Report

- Foundation Investigations
- Design of Laterally Loaded Piles & Caissons
- Transmission Tower Foundation Design
- Earth Retention Bracing System Design
- Sheet piling and Bulkhead Design
- Construction Groundwater Control for Shallow & Deep Excavation
- Soil Stabilization
- Slurry Walls
- Offshore Studies
- Water Retention Systems
- Pavement Design and Pavement Condition Surveys

Foundation and Embankment

- Foundation Observation

Foundation and Embankment

- Foundation Observation
- Shallow Foundations
- Caissons & Piles
- Plate Bearing Tests
- Pile Load Tests
- Caisson Load Tests
- O-Cell Testing
- Pressuremeter Testing
- Piezometer Installations
- Slope Stability Studies
- Settlement Monitoring
- Slope Indicator Installations and Monitoring for Lateral Movement

Structure Evaluation Services

- Material Evaluation
- Technical Specifications
- Engineering Design
- Preventable Maintenance
- Condition Evaluation Surveys
- Maintenance & Repair Strategies
- Built-up Roofing Test Cuts

Special Engineering Services

- Design of Breakwaters
- Design of Levee and Earth & Rock Filled Dams
- Remedial Foundation Design, Plans & Specifications and Monitoring Construction
- Inclinator Design and Installation with Monitoring
- Seismic Analysis & Design for Dams, Navigation Structures and Buildings
- Construction Management
- Structural Rehabilitation Addition Surveys & Retrofit Design
- Special Consulting Services (Forensic Engineering)

GEOTECHNICAL CAPABILITIES

SEECO owns and operates eight (8) modern truck-mounted drill rigs, one (1) skid rig and two (2) all terrain mounted drill rigs and our field exploration programs are conducted by experienced and reliable drillers who possess over 80 years of aggregate drilling experience throughout the Continental United States and Canada. A floating plant is owned by SEECO and when needed, is operated to perform offshore soil borings. Our drillers are very experienced in hollow stem auger drilling, rotary wash boring, split spoon, Shelby tube and piston sampling, auger profile sampling, large diameter soil sampling, wireline rock coring of bedrock and overburden packer permeability testing, large diameter core sampling and installation of piezometer and slope indicator instrumentation installation and hazardous waste sampling.

SEECO, Inc. operates field equipment which is well-maintained and state of the art. Drilling equipment includes the following:

Drill Rig - Truck Mounted	CME-75	300 feet in depth
Drill Rig - Truck Mounted	CME-55	250 feet in depth
Drill Rig - Truck Mounted	CME-55	250 feet in depth
Drill Rig - Truck Mounted	BK-51	125 feet in depth
Drill Rig - Truck Mounted	Diedrich D-50	250 feet in depth
Drill Rig - Truck Mounted	Diedrich D-50	250 feet in depth
All-Terrain Vehicle Mounted	CME 750	300 feet in depth
All-Terrain Vehicle Mounted	CME-45B	150 feet in depth
Drill Rig - Truck Mounted	Mobile B-30	100 feet in depth
Drill Rig - Truck Mounted	Sprague C-142	700 feet in depth 150 feet of angle drilling
Drill Rig - Skid Mounted	Diedrich D-25	75 feet in depth
Cone Penetrometer	Vertek HT Series	20T Capacity
Truck Mounted Water Tank		1700 gallons
Segmented Barge Floating Plant		
Foam Filled Floating Plant		
Jon Boat (14 feet long)		
Tripod Cathead Assembly	Acker 40032-1	
Hydro-Punch Ground Water Sampler		Samples groundwater without monitoring wells
Geo Probe Direct Push Sampling Tools for Soil and Groundwater Samples	Diedrich Drilling	
Ground Penetrating Radar	GSSI	
G-Am Pressuremeter	Roctest	
Seis DAQ Refraction and ReMi Y30+ Recording System for Seismic Surface Wave Testing	RT Clark Geophysical Equip.	

ENVIRONMENTAL SERVICES AND CAPABILITIES

- Phase I Environmental Site Assessments
- Phase II Subsurface Investigations and Remedial Environmental Engineering Design
- Phase III Environmental Cleanups and Closure Documentation
- Leaking Underground Storage Tank Management, Investigation, Remediation, and Closure
- LUST Reimbursements
- Risk Assessments and Risk-Based Corrective Action
- RCRA Permits and Closure Plans
- Geotechnical Investigations and Testing
- NPDES Permits and Stormwater Pollution Prevention Plans
- CCDD Site Source Certification
- State and Federal Grants and Loans
- Environmental Compliance Audits and Operating Facility Permits
- Spill Prevention Control and Countermeasure Plans (SPCC)
- RI/FS Investigations and Remedial Design
- Sick Building Investigations
- Soil and Groundwater Remediation Systems
- Hazardous Waste Site Assessments and Remediation
- Expert Testimony
- Wetland Studies and Wetland Mitigation Permits (404B)
- Materials Sampling and Chemical Analyses
- Landfill Monitoring and Closures (Part 809, 810 and 811 of IAC)
- Industrial Hygiene Services
- Remediation Life Cycle Cost Estimates

LABORATORY CAPABILITIES

SEECO will perform all analysis for this project. Our overall experience of over 5000 projects over the past 10 years confirms the strong foundation of performance that SEECO Consultants, Inc. can offer the Village. In that time period, we have performed 100% of laboratory analysis supporting our engineering services.

SEECO's laboratory is fully equipped with modern, calibrated equipment for soil and rock testing and environmental testing for pollutants, conventional visual soil and rock classification of samples, unconfined compressive strength, unit weight determination, natural moisture content, Atterberg Limits and mechanical analysis. Triaxial shear tests with or without pore pressure measurements and consolidation testing equipment are available in our laboratory for more elaborate testing programs if the project merits sophistication as required in the project analysis and design. All laboratory testing will be done in accordance with the latest American Society for Testing Materials and AASHTO applicable standards.

SEECO's geotechnical testing laboratory is fully equipped for elaborate triaxial testing (Q, R, and S tests) for both 2-inch Shelby tube samples and 3-inch Shelby tube and piston samples. The triaxial compression tests according to ASTM 2850-03 unconsolidated, undrained Compressive Strength of Cohesive Soils in Triaxial Compressive (UU with or without pore pressure), Consolidated Undrained Triaxial Compression Tests on Cohesive Soils (ASTM D 4767-04) with pore pressure measurements and the "S" Triaxial Compression Test (Consolidated Undrained Test) with no pore pressure buildup according to EM1110-1-1906 USACOE Soil Laboratory Testing Manual.

Flexible wall hydraulic conductivity (permeability) of soils can be performed in triaxial compression apparatus by ASTM D5084-10-Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials using a Flexible Wall Permeameter.

Constant head permeability tests can be made on granular soils by ASTM D 2434-06 and triaxial permeability tests on cohesive soils can be made by the USACOE procedure outlined in EM 1110-1-1906 Appendix VII.

SEECO's high capacity consolidation testing device can load up to 196TSF on a 3 inch diameter soil sample according to ASTM D 2435-04 and ASTM D 4186-06.

IDOT PREQUALIFICATIONS & AMRL ACCREDITATION



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

December 15, 2021

Subject: PRELIMINARY ENGINEERING
Consultant Unit
Prequalification File

Donald Cassier
SEECO CONSULTANTS, INC.
7350 Duvan Drive
Tinley Park, IL 60477

Dear Donald Cassier,

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending Dec 31, 2019. Your firm's total annual transportation fee capacity will be \$3,200,000.

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling 180.00% are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Bureau of Investigations and Compliance in a pre-award audit. Pursuant to 23 CFR 172.11(d), we are providing notification that we will post your company's indirect cost rate to the Federal Highway Administration's Audit Exchange where it may be viewed by auditors from other State Highway Agencies.

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

Your firm is prequalified until December 31, 2020. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

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

SEFC PREQUALIFICATIONS FOR SEECO CONSULTANTS, INC.

CATEGORY	STATUS
Special Services - Quality Assurance PCC & Aggregate	X
Geotechnical Services - General Geotechnical Services	X
Special Services - Quality Assurance HMA & Aggregate	X
Geotechnical Services - Structure Geotechnical Reports (SGR)	X
Geotechnical Services - Complex Geotech/Major Foundation	X
Geotechnical Services - Subsurface Explorations	X

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



Illinois Department of Transportation

Office of Highways Project Implementation / Region 1 / District 1
201 West Center Court / Schaumburg, Illinois 60196-1096

April 2, 2021

Mr. Mike Cassidy
Seeco Consultants
7350 Duvan Drive
Tinley Park, IL 60477

Dear Mr. Cassidy:

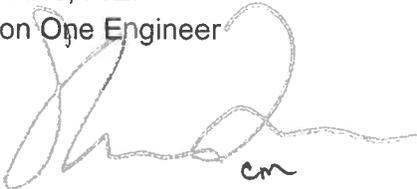
The inspection of your Tinley Park Facility, Lab# 1319, was completed on March 11, 2021 by representatives of the Illinois Department of Transportation. The Laboratory is approved for Aggregate, PCC & HMA Testing.

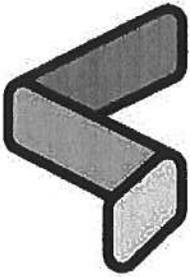
All tests shall be performed in accordance with the Department's current version of the Manual of Test Procedures for Materials. Any personnel performing these tests shall be appropriately trained and certified via State approved courses.

If you have any questions or need additional information, please contact Mr. Paul Welch, Independent Assurance Technician at (847) 221-3156 or at (847) 741-5301.

Very truly yours,

Jose Rios, P.E.
Region One Engineer

By: 
Stephen Jones, P.E.
Bureau Chief of Materials



AASHTO
ACCREDITED

**CERTIFICATE OF
ACCREDITATION**

AMERICAN ASSOCIATION
OF STATE HIGHWAY AND
TRANSPORTATION OFFICIALS
AASHTO

SEECO Consultants, Inc.

in

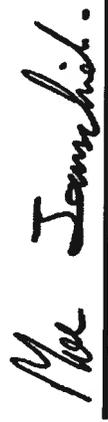
Tinley Park, Illinois, USA

has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).



Jim Tymon,
AASHTO Executive Director



Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 12/15/2021 at 9:48 AM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

Results found: 1

SEECO Consultants, Inc.

Tinley Park, Illinois [show This Entry](#)

[View Accreditation Certificate](#)

Mike Cassidy
7350 Duvan Drive
Tinley Park , Illinois 60477

Phone: (708) 429-1666

Fax:

mcassidy@seeco.com

<http://www.seeco.com>

Quality Management System - accredited since 1/15/2002

R18, C1077 (Concrete), D3666 (Aggregate), D3666 (Asphalt Mixture), D3740 (Soil), E329 (Aggregate), E329 (Asphalt Mixture), E329 (Concrete), E329 (Soil)

Asphalt Mixture - accredited since 4/1/2003

R47, T30, T164, T166, T209, T269, T275, T283, T308, T329, T355, D3549

Soil - accredited since 1/15/2002

R58, R74, T88, T89, T90, T99, T100, T180, T193, T208, T215, T216, T265, T267, T288, T289, T296, T297, T310, T311
D421, D422, D698, D854, D1140, D1557, D1883, D2166, D2216, D2434, D2435, D2487, D2488, D2850, D2974,
D4318, D4546, D4767, D4943, D4972, D5084, D6938, G187

Rock - accredited since 1/23/2012

D5731

Aggregate - accredited since 6/10/2003

C29, C40, C117, C128, C566, C702

Concrete - accredited since 6/10/2003

C31, C39, C78, C138, C143, C172, C173, C231, C511, C617 (6000 psi and below), C1064, C1231 (7000 psi and below)

**UNDERSTANDING OF
RESPONSIBILITIES AND
POTENTIAL SCOPE OF WORK**

UNDERSTANDING OF RESPONSIBILITIES AND SCOPE OF WORK

CONSTRUCTION MATERIALS TESTING SERVICES

SEECO routinely performs these services for a wide range of clientele. The main emphasis for this contract will be on pavement related improvements and our experience on IDOT, ISTHA and Municipal projects should be a plus. For IDOT funded pavement projects, SEECO's experience on QA projects should provide to the village cost savings. While it is anticipated that QA services will be the main focus on transportation projects, SEECO will be ready to perform any and all aspects of the materials inspection services, if the situation arises. SEECO also routinely performs these services on building projects.

The following is a breakdown of potential testing services per material:

TRANSPORTATION

Soils

Subgrade Inspection - density testing of fill materials; underground utility backfill monitoring; MSE retaining wall backfill; proofrolling; visual inspection for suitability; borrow source inspection; cone penetrometer undercut inspection; proctor density tests; organic content tests; grain size analysis; Atterberg limits.

Base Course Inspection - Density testing; moisture testing; sieve analysis; proctor density tests

Portland Cement Concrete

Plant - Verify mix design; verify raw material compliance; sieve analysis of aggregate; cement and fly ash testing; ready mix truck inspection of revolutions, fins and water gauges; perform slump, air entrainment, yield and temperature tests; verify proportions and admixtures.

Site - Verify mix on ticket; monitor allotted time; check forms and reinforcing steel placement; observe placement of material and techniques; perform slump, air entrainment, yield and temperature tests; cast test cylinders and/or beams; perform compressive strength tests on cylinders and flexural strength tests on beams; core pavement for thickness and strength confirmation.

HMA

Plant - Verify mix design; verify raw material compliance; perform gradation analysis of hot bins or belt samples; perform raw aggregate sieve analysis; verify loading, tarping and storage techniques; maintain temperature control; verify scale calibration for raw materials and loaded mix; perform extraction/gradation analysis; superpave gyratory compaction testing and flow and specific gravity determinations; observe general plant operations.

Site - Verify temperature; check for transit segregations; verify paver operations; verify roller operations including vibrations; verify lay down procedures including thickness; establish rolling pattern; perform nuclear density tests; verify petromat placement; observe final pavement for roller marks and workmanship.

Certifications

All personnel performing field and plant inspections have the following training levels as per IDOT Requirements:

Soil Density Testing - IDOT Aggregate and either half day nuclear or HMA Level I

HMA Density Testing - IDOT Aggregate and HMA Level I

Concrete Field Testing - IDOT PCC Level I

Concrete Plant - IDOT PCC Levels 1 and 2, IDOT Aggregate

HMA Plant - IDOT HMA Levels 1 and 2, and IDOT Aggregate

HMA Mix Designs - IDOT HMA Levels 1, 2 and 3 and IDOT Aggregate

QA Project Manager-- IDOT HMA and PCC Levels 1, 2 and 3, IDOT Aggregate, IDOT Documentation of Quantities and Licensed PE

BUILDINGS AND STRUCTURES

Most of the testing procedures for buildings and structures are similar to those for pavement related improvements. Additional services not typically associated with pavement related projects include the following:

- Soils - Deep and shallow foundation excavation inspections and bearing capacity verification, grading and backfill compaction testing, proofroll observations and subgrade suitability observations.
- Concrete - Slump, air entrainment and temperature testing, reinforcing steel placement verification, mix design unification, casting and testing of compressive strength test cylinders.
- Structural Steel - Visual weld inspection, torque testing of bolted connections, ultrasonic or magnetic particle testing of full penetration welds.
- Masonry - Mortar and grout compressive strength, material unification for compliance with specifications, masonry prism testing.
- Precast - Verification of materials compliance with specifications, weld inspection of clip angle connections.

GEOTECHNICAL SERVICES

We understand that our services could be required to provide geotechnical data to aid in the design of pavement, rehabilitation of pavement, underground utility soil information, structures, buildings, water storage facilities and other disciplines as required.

SEECO typically will meet with Village personnel and prepare a project specific Scope of Work depending on the requirements and proposed improvements desired. The scope of work will include the quantity, depth and location of the borings, recommended laboratory analysis and the required geotechnical engineering to prepare a report. The report will encompass encountered and anticipated subsurface conditions, improvement recommendations, laboratory data, location sketches and general construction considerations.

GENERAL SCOPE OF WORK

SEECO will layout the boreholes and obtain surface elevations utilizing location sketches, aerial photos and benchmarks provided by the Village. The boring locations may require Motorized Cathead Tripod method, ATV, Barge mounted skid rig or truck mounted drill rigs and SEECO is prepared to provide the same in order to facilitate access. SEECO does not anticipate subcontracting any portion of this work.

Samples will be obtained utilizing various techniques, depending on the type of soils encountered. The techniques may include 4 inch cores, 2 inch and 3 inch split spoon samplers with flap-valve or standard sample retainers, Shelby tubes, piston samples or auger tailing samples. The field engineering may adjust the techniques to suit the encountered site specific conditions.

SEECO will provide experienced field engineers to supervise the soil boring and sampling activities. These degreed engineers will be responsible for locating the borings in the field and obtaining surface elevations relative to benchmarks provided. The field engineers will log the borings and perform visual classification in accordance with AASHTO Criteria and RIMAC unconfined tests on cohesive soils. Undisturbed sample depths and preparation of said samples will also be their responsibility.

All samples obtained during the drilling operation will be properly sealed, packaged and labeled prior to delivery to our laboratory for further physical testing. Testing parameters will be chosen based upon the proposed improvements, project requirements and encountered subsurface conditions. The project soils engineer and staff soils engineer will review the field logs and samples, and determine the testing parameters based upon the stated criteria. While we fully intend to have a general laboratory testing program anticipated prior to each work orders inception - based on discussions with the Village, review of soils maps and our expertise in the locales - we are fully aware that subsurface conditions are not always as they appear and our personnel are able to discern each situation as it develops and tailor each project to site specific conditions.

Upon completion of the field and laboratory tasks, a Report will be prepared under the direct supervision of the principal engineer, Mr. Gray, Registered Professional Engineer/Structural Engineer of the State of Illinois. The report will be prepared in accordance with the current IDOT Soil Manual and supplemental drilling procedures and will follow IDOT SGR and/or RGR criteria if applicable.

The work can be completed expeditiously, since SEECO owns and operates the drill rigs and performs all the Geotechnical laboratory work with our laboratory. Our materials laboratory was recently inspected by IDOT Materials, MWRDGC and the USCOE Ohio River District and was found to satisfy the requirements of each entity.

Site soil conditions are important in determining Seismic Design Category per IBC. The Seismic Site Classification is determined based on the average properties of the soil within 100 feet of the ground surface. The ReMi is a seismic surface wave testing method that is used to aid in seismic site classifications. ReMi method uses ambient noise and surface waves to generate a detailed vertical shear wave velocity (V_s) profile of soil strata up to 300 feet in depth.

The ReMi test setup includes a linear array of multiple equally-spaced geophones established inserted into the soil and connected at one end to a seismograph. The length of the array depends on the depth of investigation. Once the array of geophones are established, the seismograph records both ambient and active noise within the area. Once the information is collected and interpreted the end product is a one-dimensional column of shear wave velocity variation for each seismic line established at a site.

The ReMi method is capable of detecting thin layers and velocity inversions, and is highly reliable and commonly used method for earthquake design and seismic site classification determinations. The ReMi method is particularly effective in noisy environments, which are ideal for shear wave profiling in urban environments where other seismic testing methods are not applicable due to large amounts of ambient noise.

SEECO utilizes a Vertek HT Series Cone Penetrometer to delineate subsurface soil stratigraphy and verify soil characteristics utilizing a 10 cm cone. The cone penetrometer has a 20 ton capacity for pushing into soils. The electronic data acquisition system is integral to the apparatus. The system provides constant transmission of tip, sleeve and pore pressure readings 3 to 4 times a second. It also allows for geotechnical measurements for insitu dissipation tests. This versatile system can be mounted on truck or ATV mounted drill rigs.

SEECO routinely provides geotechnical testing during construction on transportation related projects and will provide the same services for this project. Our personnel are familiar with the IDOT documentation and test procedures required for these services. All our field geotechnical personnel are degreed engineers experienced in their duties. They typically perform subgrade inspections, compaction control, shallow and deep foundation inspections, borrow source evaluations and topsoil inspections. SEECO utilizes Troxler nuclear density gauges, cone penetrometers and other testing apparatus as required. All equipment is well maintained and calibrated.

SEECO's field personnel have the necessary expertise and experience to recognize geotechnical construction problems and offer recommendations for remedial measures. Typically, depending on the problem encountered, the field engineer will confer with the project soils engineer prior to presenting solutions to difficult or unusual circumstances. Most problems can be solved quickly and with minimal disruption to the construction schedule.

ENVIRONMENTAL SERVICES

Ground Penetrating Radar

Ground Penetrating Radar (GPR) is a non-destructive testing technology that sends a series of radar pulses into the surface which reflect back off of anomalies below. As the radar pulses pass through the ground, the waves bend slightly when encountering a material with differing physical properties, particularly density and conductivity. Thousands of pulses are sent and received in a small area, and the received signals are combined to form a real-time image of what is in the ground. The various places where the radar waves bend are displayed as anomalies which can be interpreted as steel pipes, PVC conduits, underground storage tanks, voids, disturbances (previous excavation/backfill areas, graves/remains, foundations, etc. One

of the many advantages of the technology is the ability to locate non-metallic objects as well as determining depth to the object. GPR data acquisition is very fast and results are available immediately, allowing any discovered anomalies to be marked directly in the field. Although sometimes confused with X-Ray, GPR uses no radiation emissions and is perfectly safe to work with human presence in close proximity.

The physical density of the located subsurface anomalies influences the strength of the reflected radar pulses. The dense materials (concrete, steel, etc.) will provide a stronger reflection and a more pronounced image will be illustrated on the screen. Less dense materials (disturbed soil, deteriorated wood, remains, etc.), while it will still reflect said radar pulses, will provide a less distinct image. The sharpness of said images allows for interpretation of the general physical characteristics of the imaged subsurface anomalies.

SEECO utilizes a Geophysical Survey Systems Inc. (GSSI) SIR- 3000 Radar unit. This is the most advanced GPR available. It allows for onsite interpretation, as well as stores data for later processing. This equipment is self-calibrating, allowing more precise depth and location measurements. GSSI is the world's leading GPR designer and manufacturer. For this project, a 400 MHz antenna was used with the GPR. This antenna allows data collection to a maximum depth of approximately eight feet, depending on soil conditions. At this site, the signal was effective to a depth of approximately six feet. This unit stores scan data for later downloading and data processing on the GSSI created software Radan 7.3.

The inspection method for this project consisted of conducting a GPR scans in a grid pattern, with adjacent scans no more than two feet apart. The GPR detects differences in physical properties such as conductivity and density; metallic objects are most clearly visible, but it can also detect PVC, concrete (especially reinforced), wood and often old excavations if the backfill is different from native soil. As each scan progresses, the GPR presents a sub-surface image in real time, allowing disturbed soil locations, vaults, graves/remains and other subsurface anomalies to be marked out directly in the field.

Clean Construction or Demolition Debris (CCDD)

As part of the IEPA requirements for Source Site Certification for Clean Construction or Demolition Debris/ Uncontaminated Soil Fill Operation, SEECO can perform source/site specific services. As part of the criteria for SEECO to provide a Professional Engineer's Certification of Commercial or Industrial sites (including on ROW sites) on IEPA LPC-662 or LPC-663 Forms, the following services will be applicable:

Scenario 1 –During the Geotechnical Study

SEECO will review readily available/accessible IEPA databases and commercially available databases for potential locations adjacent to or part of the project limits which have the potential for subsurface contamination issues, i.e. Potentially Impacted Properties (PIPs). Assuming no locations exhibit said potential, the geotechnical soil boring scope of work will be performed. If the data review indicates otherwise, than the geotechnical scope of services will be modified. All soil samples obtained as part of the geotechnical investigation will be field screened for the presence of volatile organic vapors using a photo ionization detector (PID). Visual and olfactory senses will also be used to screen the soil samples for the presence of petroleum hydrocarbons. A pH analysis will be performed for each boring. If no samples display an elevated PID reading, and the pH results meet the MAC table, then the soil will be assumed to be, to the best of our knowledge, clean, uncontaminated fill material. This information will be documented on the IEPA LPC-662 or LPC-663 form, whichever is applicable. One (1) form will be prepared per street/roadway section or site. Screening or pre-screening of samples at job site is no guarantee that the CCDD landfill facility will accept/not reject materials. Nor is it a determination that the site is entirely clean of contaminants per IEPA standards.

Scenario 2 - Disposal sampling for preconstruction—Depending on whether the site is in design or construction phase, representative soil borings/probes may be performed solely for CCDD purposes. SEECO will review readily available/accessible IEPA databases and commercially available databases for potential locations adjacent to or part of the project limits which have the potential for subsurface contamination issues, i.e. Potentially Impacted Properties (PIPs). Assuming no locations exhibit said potential, the sampling scope of work will be performed. During the performance of said borings/probes, soil samples obtained are collected and field screened for the presence of volatile organic vapors using a photo ionization detector (PID). Visual and olfactory senses are also used to screen the soil samples for the presence of petroleum hydrocarbons. A pH test will be performed on a sample from each boring/probe. If no samples display an elevated PID reading, and the pH results meet the MAC, then the soil is assumed to be, to the best of our knowledge, clean, uncontaminated fill material. This information is documented on the IEPA LPC-663 form.

Scenario 3 - Stockpiled Soils from Various Sites—Representative soil samples are collected and field screened for the presence of volatile organic vapors using a photo ionization detector (PID). Visual and olfactory senses are also be used to screen the soil samples for the presence of petroleum hydrocarbons. Addresses of former locations stockpiled here are reviewed for PIPs. SEECO will review readily available/accessible IEPA databases and commercially available databases for potential locations adjacent to or part of the project limits which have the potential for subsurface contamination issues, i.e. Potentially Impacted Properties (PIPs). Assuming no locations exhibit said potential, the sampling scope of work will be performed. A pH test will be performed on a sample from each boring/probe. If no samples display an elevated PID reading, and the pH results meet the MAC, then the soil is assumed to be, to the best of our knowledge, clean, uncontaminated fill material. This information is documented on the IEPA LPC-663 form.

Scenario 4 –

Chemical Analysis- If due diligence activities indicate that the site, or stockpiled locations are, or are adjacent to a PIP, and/or if representative soil samples screened for the presence of volatile organic vapors using a photo ionization detector (PID) and/or visual and olfactory senses utilized to screen the soil samples display an elevated PID reading, then the representative soil samples determined by field observations, and or due diligence, to be the most conducive to transmitting potential contamination may be analyzed for composite sample will be chemically analyzed by an Environmental Laboratory for the some, or all of following Maximum Allowable Concentrations (MAC) Table parameters: 8260 – VOCs, 8270- SVOCs, 8081/8082 - Pesticides and PCBs, 6010 (Total 8 RCRA Metals only - Ar, Ba, Cd, Cr, Pb, Se, Ag), 7470 - Mercury (Hg), Iron and/or pH. If chemical analysis results indicate no contamination above MAC objectives, then the soils tested will be assumed to be, to the best of our knowledge, clean, uncontaminated fill material. Sample testing parameters will be dictated by relevant data gleaned from the due diligence tasks. This information will be documented on the IEPA LPC-663 form(s). If test results indicate that the soils are contaminated above said objectives, we will consult with you regarding alternate means of disposal.

Preliminary Environmental Site Assessment (PESA)

SEECO can perform a Preliminary Environmental Site Assessment (PESA) of a project Right of Way (ROW) according to ASTM and IDOT Standards. A cursory visual assessment will be made of adjoining properties at the time of reconnaissance of the ROW in question.

To perform the Study, SEECO will perform the following tasks:

- Field Reconnaissance to observe if readily visible signs of environmental concerns are present, including photographic documentation;
- Review of selected governmental agency records to determine if there is recorded evidence of environmental concerns with the subject property or with surrounding facilities. Some of these records may be obtained through a commercially available environmental database. The records to be reviewed include, but are not limited to:

CERCLIS List & State Equivalent
 RCRA List & State Equivalent
 National Priorities List & State Equivalent
 ERNs List
 UST Permitted Locations
 LUST Incident Reports
 State Solid Waste Landfill Inventory
 USGS Topographic Map
 Aerial Photographs
 U.S. Department of Interior Wetlands Inventory Maps
 Illinois Hydrological Investigations Atlas

- Interview/discussion with the readily available property owner(s) and local authorities (i.e. Fire Department, HAZMAT Personnel, etc.) for knowledge of past property uses and/or environmental incidents;

Upon completion of all activities and record searches, a Report of Findings will be prepared. This report will include site location and features maps, government agency records review, field reconnaissance, and other activities performed including conclusions and recommendations. The level(s) of PESA Risk Findings will be identified by location/stations and respective levels.

Preliminary Site Investigation (PSI)

Upon completion of a PESA, if the PESA identifies Potentially Impacted Properties (PIPs) along the alignment/ROW, a Preliminary Site Investigation (PSI) may be warranted. The purpose of the PSI is to sample the subsurface soils at each PIP, perform analytical chemistry testing to determine concentrations of identified contaminants of concern, if any, to determine whether environmental conditions requiring remediation exist, and to determine whether the subsurface soil can be certified as CCDD material.

In areas of concern, soil samples will be collected and field screened for the presence of volatile organic vapors using a photoionization device (PID). Visual and olfactory senses will also be used to screen the soil samples for the presence of petroleum hydrocarbons. The drilling and sampling operations will be logged by an experienced environmental Licensed Professional. Representative soil samples will be collected from boreholes from the soil interval exhibiting the highest PID reading, if any. If no samples display an elevated PID reading, then the soil sample determined by field observations to be the most conducive to transmitting potential contamination will be selected. The soil samples will be analyzed at an independent Illinois IEPA licensed laboratory.

Soil sample collection split spoons will be decontaminated to environmental standards in order for environmental samples to be properly collected. The soil sample environmental laboratory analytical results will be available approximately one (1)-week following drilling activities. The environmental analytical results will be compared to 35 Illinois Administrative Code (IAC) Part

742 Tier 1 Soil Remedial Objectives (SROs) for Residential and Commercial/Industrial properties to determine whether the site soils require remediation to meet IEPA cleanup objectives and to the maximum allowable concentration (MAC) table for potential CCDD disposal.

SEECO would then prepare a PSI Report that will address any environmental conditions discovered in site soils and general soils information. The report will address the PIP locations illustrated, levels of contamination encountered, if any, limits and quantities of contaminated areas, if any and if not considered contaminated per MAC table concentrations, will include LPC 663 forms certifying for CCDD disposal.

Phase I Site Assessments

Phase I Environmental site Assessments are performed in compliance with current ASTM Standards (E 1527-21).

Site reconnaissance is performed to evaluate the site and adjacent properties for the presence of hazardous and/or toxic materials. Interviews of property owners, occupants and local authorities are conducted to determine first-hand knowledge of historical events which may have occurred on the subject or adjacent properties. A study of structures for potential presence of Asbestos, Lead Paint, Radon, and Hydrogen Sulfide gas can be performed when required.

Commercially available databases of state and local agency information are reviewed for the history of land use including locations of RCRA hazardous waste facilities, locations of CERCLA Remedial Response Program (Superfund) sites, locations of landfills, and locations of EPA Leaking Underground Storage Tank sites. State Geological Survey data, State Water Survey data, Hazardous Waste Research and Information Center data, Sanborn maps, National Flood Insurance and Floodway maps, National Wetlands inventory maps, aerial photographs, and other pertinent data sources are also reviewed.

A report is prepared which details the information obtained, recommends any additional investigation or testing as necessary, and presents an opinion related to potential environmental liabilities associated with the property.

Phase II Site Assessment

Phase II Investigations are performed according to currently accepted engineering practices and are based on information presented in a Phase I Assessment to determine the existence of impact from potential or identified sources of environmental contaminants. The Phase II Investigation may include sampling of surficial and/or subsurface soils from soil borings or test pits.

Field screening of soils obtained while drilling may be performed on suspect materials encountered during the site investigation to identify the presence of volatile gases, petroleum hydrocarbons, vapors, PCBs, and/or other hazardous wastes.

Chemical analyses of suspect materials may be performed for numerous chemical parameters which may include: Total Petroleum Hydrocarbons, Chlorinated Solvents, RCRA Metals, PCBs, Volatile Organic Compounds, Semi-Volatile Organic compounds, Pesticides, Herbicides, and Cyanide.

A report is prepared which details the information obtained, recommends any additional investigation or testing as necessary, and presents an opinion related to environmental liabilities associated with the property.

Phase III Site Investigation

Phase II Investigations are performed at sites which have been confirmed to contain contaminated soils &/or groundwater. A Phase III Investigation is a comprehensive investigation performed to determine the volume and extent of contamination, the types of media affected, and to determine the most effective and cost-efficient remedial method.

The investigation may include soil borings, test pits and the installation, development, and sampling of monitoring wells. Extensive chemical analyses may be required to more accurately determine the nature and extent of contamination on and off site.

A report is prepared which details our findings which may include previously known information and materials gathered during the various investigations. Recommendations for remedial action are chosen from among: excavation and legal disposal of soils, in-situ and/or ex-situ biological remediation, volatilization and destruction, encapsulation, soil venting, air stripping, natural attenuation, and/or other processes as deemed appropriate. Included in the report are the capabilities and costs associated with the proposed remedial technologies.

Remediation

The Remedial Phase refines and implements the Phase III Investigation remedial design. The client is advised on the selection of proper and effective remediation alternatives, bidding and contractor selection, on obtaining applicable governmental agency permits, on observation and management of the remediation, and in preparing closure documentation for the remediation project. Designing and implementing alternative remediation technologies such as in-situ bioventing, soil vapor extraction, and natural attenuation are performed.

Risk Assessments

Risk assessments are performed to determine the hazards from existing or potential releases of contaminants. These risk assessments can range from the IEPA Tiered Approach to Cleanup Objectives (TACO) development of site specific cleanup objectives to a full scale multi-disciplinary risk assessment.

Wetland Studies

Wetland delineation studies are undertaken as well as preparing Part 26 and 404B Nationwide permits. Project plans are prepared to investigate, design, and implement wetland mitigation projects associated with larger wetland sites.

Asbestos

Asbestos surveys are performed in accordance with the asbestos requirement of the National Emission Standard for Hazardous Air Pollutants (NESHAP) for building Demolition/Renovation. The surveys identify suspect asbestos containing building material (ACBM) inside the facility, estimate material quantities, determine friability, and assess material conditions using the EPA Inspector's Homogeneous Area Assessment Decision Tree. They also include sampling suspect ACBM and analyzing bulk samples by Polarized Light Microscopy (PLM) using a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory. Reporting includes a summary table which indicates homogeneous material description, ACBM description, type, quantity, friability, bulk sample number, and whether asbestos is present.. The report also includes an estimate of material quantities for each homogenous material that is

found to contain asbestos. The asbestos surveys are performed and the report is signed by an Illinois Department of Public Health (IDPH) Asbestos Building Inspector.

FIELD CONDITIONS RESPONSE

SEECO's field personnel are all experienced in the tasks they are scheduled to perform. No apprentices or trainees will be assigned to Village of Orland Park projects. The expertise of our field personnel allows for immediate notification to Village personnel and/or site/resident engineers of any problems or non-compliance with specifications, codes or plans, and the proposed/recommended solutions. The Village will be kept informed of the work's progress and of any defects or deficiencies in the work. The Village and/or site/resident engineers will be advised as to any problems or deficiencies in quality of materials or workmanship and will be advised as to the best recommended solutions. Areas that cannot be rectified during said activities will be recommended to be rejected and disapproved and evaluated as to the best remedial schemes to bring the situations into compliance with code, specifications and/or standard provisions.

PROPOSED PROCEDURES/TIMELINESS OF TESTING SERVICES

For field inspections and testing services, SEECO typically would prefer to be notified by 4:00 p.m. the day before the necessary inspection. However, we understand that not all schedules can be planned that well when one considers weather situations and changes dictated by contractors. SEECO is able, if needed, to typically assign a representative as required within an hour's notice if/when these situations arise. SEECO personnel monitor email and telephone messages on weekends and evenings for last minute schedule changes.

All field testing results will be immediately relayed to the Village's representative. Substandard or failing results will be evaluated and adjustments to material or construction procedures will be recommended. Substandard laboratory results will be immediately transmitted electronically and verbally to the designated Village representative.

PROJECT-FIRM EXPERIENCE

REPRESENTATIVE RECENT GOVERNMENTAL PROJECT LISTING

GEOTECHNICAL ENGINEERING

Watermain/Sewer Projects –

Drendel Drainage Project	Downers Grove
Lake Marian	Carpentersville
Various Locations	Lockport
Durham Road	St. Charles
Various Locations	Addison
Various Locations	Arlington Heights
Various Locations	Bensenville
Various Locations	Burbank
Various Locations	Cicero
Various Locations	Countryside
Various Locations	Crestwood
Various Locations	Fox Lake
Various Locations	Glen Ellyn
Various Locations	Hinsdale
Various Locations	Joliet
Various Locations	Lemont
Various Locations	Lombard
Various Locations	Lyons
Various Locations	North Chicago
Various Locations	Shorewood
Various Locations	Tinley Park
Various Locations	Western Springs

Bridges/WWTP Improvements/Lift Stations/Water Storage –

Arlington Heights	Lemont
Batavia	Lombard
Channahon	Palos Heights
Crest Hill	Rolling Meadows
Glenbard	Roselle
Glen Ellyn	St. Charles
Joliet	Shorewood
	Tinley Park

Pavement Improvements –

Arlington Heights	Lombard
Bensenville	Orland Park
Berwyn	Palatine
Burbank	Posen
Channahon	Shorewood
Cicero	Western Springs
Countryside	
Glen Ellyn	
Joliet	
Lake County	
Lemont	
Lockport	

Buildings –

Various Fire Stations, Schools, Libraries	City of Chicago
New City Hall/Police Station	Countryside
Limestone School	Herscher
Wallin School	Plainfield
New Fire Stations	Rolling Meadows
Public Works Facility	Shorewood
Public Works Facility	Westmont

MATERIALS TESTING –

Various Municipal Infrastructure Projects

Bedford Park	Lockport
Bensenville	Lombard
Berwyn	North Chicago
Burbank	North Riverside
Cicero	Oak Forest
Countryside	Orland Park
Crete	Palos Heights
Downers Grove	Park Forest
Elmhurst	Posen
Hodgkins	River Forest
Homewood	Shorewood
Joliet	Stickney
Lemont	Summit

Various Township Projects

Crete	Milton
Downers Grove	Naperville
Homer	Palos
Lemont	Wayne

Various Structures

WWTP

Schools, Libraries and

Park Facilities

New VA Facility

New City Hall

Courthouse

Wallin School

Fire Station

Public Works Facility

Public Works Facility

Batavia

Public Building Commission of Chicago

Chicago

Countryside

Joliet

Plainfield

Rolling Meadows

Shorewood

Westmont

ENVIRONMENTAL ENGINEERING PROJECTS

PESAs

Springfield Drive	Bloomingtondale
East Branch Trail	Bloomingtondale
Indian Boundary Road	Channahon
West Bridge St.	
Multi-Use Path	Channahon
Dove/Sioux Roadway	Channahon
Midlothian Turnpike	Crestwood
Crete Road	Crete
Exchange St.	Crete Township
East Ave.	Hodgkins
Acacia Dr.	Indian Head Park
Wolf Road	Indian Head Park
2000 Streets	Joliet
Rte. 83 & Winchester	Lake County
Illinois St.	Lemont
Read St.	Lockport
Great Western Trail	Lombard
Custer Ave.	Lyons
Joliet St.	Lyons
Joliet Ave.	Lyons
147th & Ravinia	Orland Park
Ridgeland Ave.	Palos Heights
183rd & Oak Park	Tinley Park
Seil Road/Bridge	Shorewood
Central Ave.	Western Springs
Wolf Road Bike Path	Western Springs

PSIs

Brainard Ave.	Countryside	Egyptian Trail	Monee
Joliet Ave.	Countryside	Cermak Road	North Riverside
135th St.	Crestwood	Seil Road/Bridge	Shorewood
Midlothian Turnpike	Crestwood		
Washington St.	Joliet		
Winchester Ave.	Lisle		
North & MacGregor	Lockport		

CCDD Disposal Certifications

CCDD Certifications (LPC 662 and LPC 663) for numerous municipal projects throughout the six (6) county Chicago area, including the following municipalities:

Bedford Park	Lombard
Bensenville	Lyons
Berwyn	Mount Prospect
Burbank	North Chicago
Cicero	North Riverside
Countryside	Oak Forest
Downers Grove	Orland Park
Fox Lake	Palos Heights
Glen Ellyn	Palatine
Hinsdale	Park Forest
Hodgkins	River Forest
Homewood	Stickney
Joliet	Summit
Lemont	Westmont
Lockport	Western Springs

Representative Bike/Pedestrian Path Projects

Wolf Road Pedestrian Path-Ogden to 31st Street – Western Springs, IL

East Branch Bike Path- Bloomingdale, IL

Springfield Drive Bike Path- Bloomingdale, IL

Irving Park Road at Meacham- Bike Path- Schaumburg, IL

119th and Drauden Pedestrian Path – Plainfield, IL

First Avenue Pedestrian Path – North Riverside, IL

Ridgeland Avenue Pedestrian Path – Palos Heights, IL

Church Road Path – Bensenville, IL

Bridge St. – Channahon, IL

Services included:

PESAs

Phase 1 Assessments

Geotechnical Studies

CCDD Disposal Certifications

Construction QA Services

REFERENCES – FIRM EXPERIENCE

Project/Client	Scope of Work/Point of Contact	Construction Cost/Fee/Year
<p>Various Projects Village of Downers Grove</p>	<p>2009, 2011 – Present - Construction Materials Testing & Geotechnical Contracts, New Sidewalk and Sidewalk Replacement Programs; Burlington Highlands Drainage, Springside Culvert, Resurfacing Contracts, CCDD Sampling and Certifications, Drendel Drainage Project, Maple Ave. Resurfacing, McCollum Park, Knottingham/Valley View Subdivisions, Brookbank Road Pavement/Water Level Study, 55th and Cumnor Detention, Prentiss Creek Stormwater Project, Esterbrook & Brook/Centre Subdivisions, Sterling North Park Environmental Sampling, Annual MFT Resurfacing B Contracts, 59th St. Water Main Improvements, Clyde Estates and others Jim Tock, P.E. 630-434-2453 JTock@Downers.us</p>	<p>Unknown/50,000/2021</p>
<p>Various Projects Trotter Associates</p>	<p>Geotechnical Studies, Environmental Analysis & Const. Material Testing, for Numerous Watermain, Sewer Line, Pavement Rehabilitation, WTP and Water Storage facilities in DuPage, Kane, Lake & McHenry Counties. Steve Cieslica, PE 630-587-0470 S.Cieslica@Trotter-inc.com</p>	<p>20,000,000/75,000/Ongoing</p>
<p>Various Projects – Village of Westmont</p>	<p>1990 – Present - Geotechnical and Construction Engineering for Various Streets and Capital Building Projects Mike Ramsey 630-981-6270 MRamsey@Westmont.il.gov</p>	<p>Unknown/15,000/Ongoing</p>
<p>Various Projects Village of Lombard</p>	<p>2008 – Present - Geotechnical, Environmental and Construction Materials Testing including Numerous Streets; Central Reservoir and Pressure Adj. Sta; 641 N. Main St; Annual Pavement Patching and Resurfacing Contracts; Meyers Road, New Lift Station, Great Western Trail Bridges; White Topping in North Industrial Park; CCDD Certification for Stockpiled Soils and Roadway Projects; Storm Sewer Upgrades and New Lift Station at Terrace View Park; Reservoir UST Contamination Investigation; UST Removal, Site Remediation and NFR Letter for Commercial Property, Lombard Meadows Phase 1 and 2, Phillips Ct. Pump Station, Westmore Road Transmission Line, Vista Pond, Wilson/School Transmission Line Ray Schwab 630-620-5740 SchwabR@VillageofLombard.org</p>	<p>Unknown/50,000/2021</p>

Project/Client	Scope of Work/Point of Contact	Construction Cost/Fee/Year
<p>Numerous Roadway and Watermain Projects Novotny Engineering</p>	<p>Geotechnical, Construction QA and Environmental Services for the Following Municipalities & Townships: Warrenville, Lemont, Cicero, Burbank, Bedford Park, Summit, Countryside, Lyons, Brookfield, Hodgkins, Posen, Crete, Willowbrook Tim Geary, P.E. 630-887-8640 TGeary@Novotnyengineering.com</p>	<p>20,000,000/150,000/ Ongoing</p>
<p>Various Village MFT Construction and Geotechnical Projects Baxter & Woodman</p>	<p>Geotechnical Investigations and Construction Materials Testing for Numerous Municipalities including: Shorewood, Country Club Hills, Olympia Fields, Chicago Heights, Villa Park, LaGrange, Plainfield, New Lenox and Tinley Park Tom Slattery, PE 815-459-1260 TSlattery@baxterwoodman.com</p>	<p>Unknown/20,000/2021</p>
<p>Various Roadway Projects Village of Plainfield</p>	<p>Construction Materials Testing for Various Roadways, 2020 and 2021 MFT and non-MFT Resurfacing Projects and Geotechnical Services for the Proposed new 7 Span Bridge Over the DuPage River and Pavement Randy Jessen 815-230-2030 RJessen@goPlainfield.com</p>	<p>5,000,000/50,000/2021</p>
<p>Various School Projects Tria Architects</p>	<p>Geotechnical, Environmental and Construction Materials Testing Services for New Buildings and Building Additions at for Schools and Municipal Clients Jim Petrakos 630-455-4500 JPetrakos@Tria-Arch.com</p>	<p>8,000,000/25,000/ Ongoing</p>
<p>Various Roadway Projects and Water Towers Village of Mokena</p>	<p>Geotechnical and Construction Materials Testing for Roads, Retaining Structures, WWTP Upgrades and Water Towers Dan Peloquin, P.E. 708-479-2137 DPeloquin@Mokena.org</p>	<p>Unknown/10,000/ Ongoing</p>
<p>Various Projects Village of Shorewood</p>	<p>Various geotechnical, construction materials testing and environmental studies for Roadway Improvements, Traffic Signals and the new Public Works Facility Noriel Noriega, PE 815/553-2321 NNoriega@vil.Shorewood.il.us</p>	<p>25,000,000/60,000/ Ongoing</p>
<p>Various Projects City of Lockport</p>	<p>Construction Materials Testing, Geotechnical & Environmental Engineering Services for various Capital Improvements, Infrastructure Projects and MFT Pavement Projects Citywide Brent Cann, P.E. 815/838-0549 BCann@Lockport.org</p>	<p>Unknown/25,000/ Ongoing</p>

Project/Client	Scope of Work/Point of Contact	Construction Cost/Fee/Fee/Year
Various Roadways, Bridges, etc. BLA, Inc.	Geotechnical and Construction Materials Testing Services for METRA Lots, Municipal, County and State Roadways, Bridges, Structures, etc., Environmental Assessments for Property Acquisitions, Russell Road Retaining Wall and O'Hare Airport, Short Street, 4 Lakes Drive Bridge Replacements, and Hill Avenue Bridge Dan Bruckelmeyer, PE 630-438-6400 DBruckelmeyer@BLA-inc.com	Unknown/60,000/ Ongoing
Various Locations in District 1 IDOT	Geotechnical Contract for IDOT District 1 Geotechnical Work for Numerous Roads, Bridges, Embankments, Retaining Walls and Culverts Giancarlo Gierbolini, PE 847-705-4003 Giancarlo.Gierbolini@Illinois.gov	Unknown/250,000/2020
Various Locations in District 6 IDOT	Geotechnical Contract for IDOT District 6 Geotechnical Work for Numerous Roads, Bridges, Embankments, Retaining Walls and Culverts Greg Heckel, PE 217-785-5330 Gregory.Heckel@Illinois.gov	Unknown/200,000/ Ongoing
Various Street Projects City of Joliet	Construction Materials Testing for Annual Street Programs Greg Ruddy, PE 815-724-4210 GRuddy@Joliet.gov	10,000,000/20,000/Ongoing
Various Utility Projects City of Joliet	Geotechnical, Environmental Services for Various Water Mains, Sewers and WTPs Alison Swisher, P.E. 815/724-4230 ASwisher@Joliet.gov	Unknown/20,000/Ongoing
Various Improvements at District 202 Schools Plainfield School Dist.202	Geotechnical, Environmental and Construction Materials Testing Services for Pavement, Playing Fields and Building Additions at Numerous Schools Paul Gonzalez 815-439-5452 PGonzalez@psd202.org	20,000,000/50,000/2021
Various Schools Community Consolidated School District 181 Hinsdale, IL	Geotechnical Investigations, Environmental Assessments, Construction Materials Testing and/or Forensic Studies for Several Elementary and Middle School Projects Mike Duggan 630-887-1070 MDuggan@d181.org	Unknown/10,000/2021

Project/Client	Scope of Work/Point of Contact	Construction Cost/Fee/Year
<p>Various Projects Village of Oak Forest</p>	<p>Geotechnical Investigations and Construction Material Testing for Roadways, Box Culverts/Bridges, Buildings and Environmental Engineering for Site Assessments Darlene Milanowicz 708-687-4050 DMilanowicz@Oak-Forest.org</p>	<p>1,000,000/8,000/Ongoing</p>
<p>Various Projects Strand Associates</p>	<p>Geotechnical Studies, Environmental Analysis & construction materials testing, for numerous watermain, sewer line, pavement rehabilitation, WTP Facilities and water storage facilities in Cook, DuPage, Kane, Lake, McHenry & Will Counties. Darcie Gabrisko, P.E. 815/614-4200 Darcie.Gabrisko@Strand.com</p>	<p>Unknown/250,000/ Ongoing</p>
<p>Various Projects James J. Benes & Assoc.</p>	<p>North and MacGregor Reconstruction in Lockport, Geotechnical RGR and Environmental PSI reports-Lisle, IL, Watermain and Pavement Projects in Warrenville, Bensenville, Western Springs and Addison. CCDD Projects in Lisle and Western Springs Brad Hargett 630-719-7570 BHargett@JJBenes.com</p>	<p>5,000,000/50,000/ Ongoing</p>
<p>Various Projects MWRDGC</p>	<p>Geotechnical Services and CCDD Disposal Certifications for Various MWRDGC Projects Dennis Bilik 708/588-2211 BillikD@MWRD.org</p>	<p>Unknown/100,000/Ongoing</p>
<p>Various Projects Christopher B. Burke Engineering</p>	<p>Geotechnical Services, Construction QA Services and Environmental Services for Various Municipalities including Crest Hill, Shorewood, Chicago Ridge, Western Springs, Orland Park, Mokena, New Lenox, Lockport, River Forest, Palos Hills, and Homer Township Bryan Welch, P.E. 815/770-2850 BWelch@cbbeltd.com</p>	<p>Unknown/150,000/Ongoing</p>

<p>Various DuPage County Township Street Programs Morris Engineering</p>	<p>Construction Materials Testing and Geotechnical Studies—Includes Naperville, Lisle, Downers Grove, Lemont, Winfield, Addison and Milton Townships Al Rugienius, PE 630-271-0770 AlRugienius@ecivil.com</p>	<p>Unknown/50,000/2021</p>
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CORPORATE REFERENCES

CORPORATE REFERENCES

A/E Firms

Christopher B. Burke Engineering

Mr. Bryan Welch, P.E. (815) 770-2850

BLA, Inc.

Mr. Dan Bruckelmeyer, PE (630) 438-6400

Healy Bender Architects

Mr. Dave Patton, AIA, RA (630) 904-4300

Trotter and Associates

Mr. Steve Cieslica, PE (630) 587-0470

Morris Engineering

Mr. Al Rugienius, P.E. (630) 271-0770

Baxter & Woodman

Mr. Tom Slattery, PE (815) 459-1260

Municipalities/Governmental

Village of Shorewood

Mr. Noriel Noriega, PE (815) 553-2321

Village of Oak Forest

Ms. Darlene Milanowicz (708) 687-4050

Village of Lombard

Mr. Ray Schwab (630) 620-5740

Village of Glen Ellyn

Mr. Tom Topor, P.E. (630) 547-5520

IDOT

IDOT Materials

Mr. George Houston, PE (847) 705-4337

IDOT Geotechnical

Mr. Giancarlo Gierbolini, P.E. (847) 705-4003

MWRDGC

Mr. Dennis Bilik, P.E. (708) 588-4211

KEY PERSONNEL RESUMES – PROPOSED PROJECT TEAM

KEY STAFF TABLE

Name/Registration-Certification/Title	Years Of Experience/ Firm	IDOT/Municipal Project Experience
Collin W. Gray/S.E., P.E. President/Principal Engineer	55/52	Managed Numerous IDOT/Municipal Projects-Geotechnical, Construction Materials and Environmental
Don Cassier/Project Manager	41/32	Managed Numerous IDOT Dist. 1, 2, 3 and 6 Projects, ISTHA and Municipal Work in Chicagoland Counties – Construction, Geotechnical and Environmental
Garrett W. Gray/P.E./S-33 Soils Documentation/HMA & PCC Levels 1, 2 & 3/Project Engineer	26/26	Managed Numerous Dist. 1 IDOT and Municipal Projects-Geotechnical, Construction and Environmental Engineering
Tony Chen, PhD/ P.E./PCC Levels 1, 2 & 3/HMA 1, 2 and 3//Soils S-33/ Documentation/Field Engineer	40/20	Geotechnical Engineering and Construction Materials Testing on Numerous Municipal and IDOT District 1 Projects
Sandip Dahal, Project Engineer	9 /6	Proficient at Boring Layout, Field Logging, Laboratory and Engineering Analysis for Geotechnical Projects and Geotech RGR and SGR Engineering Report Preparation, Preparation of CCDD Forms.
Jerry Cabal/PCC Level 1, 2 & 3/HMA 1, 2 & 3/Soils S-33/Technician/Field Engineer	25/14	Proficient in HMA, Concrete and Soils Inspection for Numerous Municipalities in District 1
Pat Gray/PCC Level 1, 2 & 3/HMA Levels 1, 2 & 3/Soils S-33/Field Engineer/Technician	30/19	Proficient in HMA, Concrete and Soils Inspection for Numerous Municipalities in District 1
Eric Hasman – PG, Environmental Engineer	27/2	Proficient in Field Inspection and Documentation for Environmental Projects
Michael Cassidy/Supervising Technician	32/17	Managed Numerous IDOT/Municipal Projects – Construction Materials Field and Laboratory
Ken Vilkaitis/AHERA Asbestos/Asbestos Inspector	34/10	Various School Districts and Municipalities Asbestos Surveys

IDOT and Professional Certification

Name Title	Professional Certification		Construction Services Certification IDOT QC/QA Certification											
			PCC			HMA			Soils Field Testing and Inspection	Aggregate Tech Course		Nuclear Density Tester		
			I	II	III	I	II	III		3 Day	5 Day			
Collin W. Gray, S.E., P.E. Principal Engineer	X													
Garrett W. Gray, P.E., Project Engineer	X		X	X	X	X	X	X	X	X			X	X
Donald Cassier, Project Manager														
Tony Chen, PhD, P.E., Staff Engineer	X		X	X	X	X	X	X	X	X			X	X
Patrick Gray, Technician			X	X	X	X	X	X	X	X			X	X
Sandip Dahal, P.E.	X													
Eric Hasman, P.G.														
Jerry Cabal, Technician/Field Engineer			X	X	X	X	X	X	X	X			X	X
Michael Cassidy, Supervising Technician														X
Totals	4	0	4	4	4	4	4	4	4	4		4		5

SEECO Consultants, Inc.

NAME: Collin W. Gray, S.E., P.E.

TITLE: Project Manager/Principal Engineer

YEARS EXPERIENCE WITH THIS FIRM: 52

YEARS EXPERIENCE WITH OTHER FIRMS: 3

EDUCATION: B.S.C.E. 1965 University of Notre Dame, Civil Engineering
M.S.C.E. 1967 University of Notre Dame, Geotechnical Engineering

ACTIVE REGISTRATION: P.E. 1970 Civil Engineering, Illinois, Indiana
S.E. 1971 Structural Engineering, Illinois
P.E. 2010 Civil Engineering - Wisconsin

RELEVANT TRAINING: Groundwater Contamination Management for Industry, National Water Well Association, 1990
Aeration Technologies, Environmental Education Enterprises, 1994
Bioremediation of Organic Constituents in Soil & Groundwater, National Groundwater Association, 1993

EXPERIENCE:

Mr. Gray has over 55 years of experience in engineering including 52 years' experience as a Principal of SEECO Consultants. His extensive experience includes building foundation engineering, marine site development involving reinforced earth design, dam and foundation design, landfill closure, construction management, pavement design; environmental investigations (Phase I, Phase II and Risk Assessment, Remedial Investigation/Feasibility Studies), Remedial Design and closure of sites regulated by various state and federal agencies, construction material testing and inspection projects; investigation, analysis and design of deep foundations, tunnels and underground openings. Mr. Gray is an expert Foundation Geotech/Structural Engineer and a Forensic Engineering Specialist.

As the President of the company, Mr. Gray is responsible for management and the performance of the company, market trends, regulations and new technologies and is actively involved in all phases of SEECO's consulting services. He is well known in the Engineering Industry for the quality work provided by the company and his attention to detail. Mr. Gray directs Property Condition Assessments and reviews and signs each report prepared by SEECO Consultants.

-Village of Lombard Annual Contract – 2007 – Lombard

-Village of Downers Grove-Variou Projects 2009, 2011-Current

-New Public Works Facility – Westmont

-New Public Works Facility – Shorewood

-Seil Road Bridge and Roadway – Shorewood

- Acacia Drive – Indian Head Park
- 2020 and 2021 MFT and Non-MFT Street Program – Plainfield
- Various Watermain and Pavement Projects – Crest Hill, IL
- Various Watermain and Pavement Projects – Lemont
- Clarendon Hills Road – Downers Grove Township
- Various Water Main and Pavement Projects - Bensenville
- Jefferson Street Corridor Watermain Corrosion Study – Bensenville
- Mattoon Elevated 1MG Water Tank – Mattoon, IL
- CTA Track Failure Forensic Investigation-Skokie, IL
- Illinois Veterans Home – Chicago, IL
- City of Lockport – Various Geotechnical, Construction Materials & Environmental Projects
- Village of Westmont – Various Geotechnical, Construction Materials & Environmental Projects
- River and Roberts Roundabout – Lake County, IL Geotechnical Investigation & Construction
- Forest Avenue Bridge – Highland Park, I
- PESA-Egyptian Trail – Crete, IL
- IDOT – D-91-295-12, PTB 163-019 – District One Geotechnical Contract
- MWRDGC – Geotechnical Contracts – 2010-2012 & 2013-Current
- IDOT PTB 155-51 District 6 Geotechnical Contract
- Goodenow Grove Bridges, Will County, IL – Geotechnical Investigation
- Rt. 53 and Madison Avenue, Lombard, IL – Geotechnical Investigation
- PSB 131/5 – Various Geotechnical Projects, District 1 – Geotechnical Investigation
- 183rd Street Extension – Tinley Park, IL – Geotechnical Investigation
- Jackson Bridge and Creek Realignment – Frankfort, IL – Geotechnical Investigation and Construction
- LaPorte Road – Mokena, IL – Geotechnical Investigation and Construction

SEECO CONSULTANTS INC.

NAME: Donald C. Cassier

TITLE: Project Coordinator

YEARS EXPERIENCE WITH THIS FIRM: 32

YEARS EXPERIENCE WITH OTHER FIRMS: 9

EDUCATION: Illinois Institute of Technology, Civil Engineering
Environmental Drilling Technology, University of Wisconsin, 1991

ACTIVE REGISTRATION: American Concrete Institute
American Public Works Association - Chicago Chapter Executive Committee

EXPERIENCE:

Mr. Cassier is responsible for coordinating SEECO's field services including soil and rock drilling, construction observation and testing of commercial, residential, industrial and transportation projects and environmental testing, drilling and monitoring well installation.

Mr. Cassier's expertise in construction inspection is relied upon during all construction projects. His knowledge of construction techniques allows him to discern areas of potential environmental concern and he is able to provide practical solutions to the potential problems from a constructability standpoint. His field expertise includes performing soil, rock drilling and well installations, soils, concrete, asphalt, structural steel and fireproofing testing, and construction staking, layout and verified as built quantities.

His expertise in field explorations and sampling techniques allows SEECO to develop workable solutions to even the most novel sampling situation. Familiar with numerous drilling and sampling procedures, he is able to develop work plans that address each project's specific needs. He also has spearheaded the fore front of SEECO's work on numerous CCDD LPC 663 site certification projects.

His general project experience includes:

- Village of Lombard Annual Contract – 2007-Current
- Village of Downers Grove-Variou Projects 2009, 2011-Current
- New Public Works Facility – Shorewood
- Seil Road Bridge and Roadway – Shorewood
- Acacia Drive – Indian Head Park
- New Public Works Facility – Westmont
- 2020 and 2021 MFT and Non-MFT Street Program – Plainfield

- Various Watermain and Pavement Projects – Lemont
- Clarendon Hills Road – Downers Grove Township
- Various Water Main and Pavement Projects – Crest Hill
- Various Water Main and Pavement Projects - Bensenville
- PESA – East Avenue – Hodgkins, IL
- CTA Track Failure Forensic Investigation-Skokie, IL
- Illinois Veterans Home – Chicago, IL
- City of Lockport – Various Geotechnical, Construction Materials & Environmental Projects
- Village of Westmont – Various Geotechnical, Construction Materials & Environmental Projects
- River and Roberts Roundabout – Lake County, IL Geotechnical Investigation & Construction
- Forest Avenue Bridge – Highland Park, IL
- PESA-Egyptian Trail – Crete, IL
- IDOT – D-91-295-12, PTB 163-019 – District One Geotechnical Contract
- MWRDGC – Geotechnical Contracts – 2010-2012 & 2013-Current
- IDOT PTB 155-51 District 6 Geotechnical Contract
- PSB 131/5 – Various Geotechnical Projects, District 1 – Geotechnical Investigation
- 183rd Street Extension – Tinley Park, IL – Geotechnical Investigation
- Jackson Bridge and Creek Realignment – Frankfort, IL – Geotechnical Investigation and Construction
- LaPorte Road – Mokena, IL – Geotechnical Investigation and Construction
- VA Home – Chicago, IL
- Village of Lombard-Variou Projects 2007-present
- Village of Plainfield –Various Projects
- CCDD Source Site Certification for LPC 663 Forms—Downers Grove Sanitary District, Elmhurst Hospital, Commercial Developments and various municipalities including Westmont, Lombard, Countryside, Cicero, Algonquin, Glenview, Hodgkins, Bedford Park, Lemont, Burbank, Summit, Lyons, McCook and Union.

SEECO Consultants, Inc.

NAME: Tony Chen, PhD, P.E.

TITLE: Field Engineer

YEARS EXPERIENCE WITH THIS FIRM: 20

YEARS EXPERIENCE WITH OTHER FIRMS: 20

EDUCATION: Bachelors of Civil Engineering - Tamkang University, Taiwan, 1973
M.S. Civil, University of Idaho, 1991
PhD -Civil Engineering, Michigan Tech, Michigan, 1991

REGISTRATION: P.E. – Michigan
IDOT Documentation 2/12/15
IDOT Level III Bituminous and Aggregate Inspector 1/03

EXPERIENCE:

Dr. Chen is an experienced materials engineer. He is responsible for conducting SEECO's materials laboratory testing and field inspections.

His responsibilities include bituminous and concrete plant, field and laboratory testing, field and laboratory testing of soils and aggregates. He provides expertise on all of SEECO's construction materials testing projects.

Dr. Chen is an experienced geotechnical engineer whose broad level of expertise transcends two continents. His expertise includes slope stability analysis for embankments and structures, dam and retaining wall design, foundation design parameters for shallow and deep foundations supporting single story to multi story high rise buildings, as well as geotechnical engineering application of physical laboratory data. His work duties include analysis and design parameters for roadway embankment investigations.

Dr. Chen is proficient in geotechnical site investigations and in-situ testing methods, procedures and data collection. His exhaustive background in computer applications is utilized for data reduction and analysis, including modeling efforts. His field experience includes drilling, logging and rig supervision, pressuremeter testing, vane shear testing and various soil sampling techniques.

A partial listing of his work experience includes:

- Village of Lombard Annual Contract – 2007-Current
- Various Water Main and Pavement Projects – Bensenville
- Clarendon Hills Road – Downers Grove Township
- Various Water Main and Pavement Projects – Lemont

- 2020 and 2021 MFT and Non-MFT Street Program – Plainfield
- Acacia Drive – Indian Head Park
- Seil Road Bridge and Roadway – Shorewood
- New Public Works Facility – Westmont
- New Public Works Facility - Shorewood
- Schaumburg Road & Barrington Road – Schaumburg, IL – QA
- Claire Blvd. – Robbins, IL – QA
- 96th Ave. Reconstruction – Palos Heights, IL – QA
- IL Rte. 53 & University Rd. – Romeoville, IL – QA
- Short Street Bridge – Lisle, IL – QA
- Green St. – Bensenville, IL – QA
- Garfield St. Reconstruction – Lockport, IL – QA
- City of Lockport – Various Geotechnical, Construction Materials & Environmental Projects
- Village of Westmont – Various Geotechnical, Construction Materials & Environmental Projects
- Fullerton Bridge Replacement – Addison, IL – QA
- 127th & Sacramento – Blue Island, IL – QA
- 143rd St. – Homer Glen, IL - QA
- Village of Downers Grove-Variou Projects 2009, 2011-Current
- Jefferson Street Corridor Watermain Corrosion Study – Bensenville
- Mattoon Elevated 1MG Water Tank – Mattoon, IL
- Illinois Veterans Home – Chicago, IL
- River and Roberts Roundabout – Lake County, IL Geotechnical Investigation & Construction
- IDOT – D-91-295-12, PTB 163-019 – District One Geotechnical Contract
- MWRDGC – Geotechnical Contracts – 2010-2012 & 2013-Current

SEECO Consultants, Inc.

NAME: Patrick Gray

TITLE: Senior Field Technician

YEARS EXPERIENCE WITH THIS FIRM: 26

EDUCATION: Bachelors of Science Degree, Accounting, Lewis University, 1996

ACTIVE REGISTRATION: IDOT Bituminous Proportioning
IDOT Aggregate
IDOT PCC Level 1, 2 & 3
IDOT Bituminous Level 1, 2 & 3
ACI Concrete Field Testing Technician - Grade 1

EXPERIENCE:

Mr. Gray is an experienced engineering technician proficient in roadway, bridge and building construction material testing and Quality Control in soils, fireproofing, asphalt and masonry construction. In addition, Mr. Gray's duties also include borehole logging.

His general project experience includes:

- Village of Lombard Annual Contract – 2007-Current
- Village of Downers Grove-Variou Projects 2009, 2011-Current
- New Public Works Facility – Shorewood
- New Public Works Facility – Westmont
- 2020 and 2021 MFT and Non-MFT Street Program – Plainfield
- Acacia Drive – Indian Head Park
- Various Water Main and Pavement Projects – Crest Hill
- Various Water Main and Pavement Projects – Lemont
- Clarendon Hills Road – Downers Grove Township
- Various Water Main and Pavement Projects – Bensenville
- Schaumburg Road & Barrington Road – Schaumburg, IL – QA
- Claire Blvd. – Robbins, IL – QA

- 96th Ave. Reconstruction – Palos Heights, IL – QA
- IL Rte. 53 & University Rd. – Romeoville, IL – QA
- Short Street Bridge – Lisle, IL – QA
- Green St. – Bensenville, IL – QA
- Garfield St. Reconstruction – Lockport, IL – QA
- Fullerton Bridge Replacement – Addison, IL – QA
- 127th & Sacramento – Blue Island, IL – QA
- 143rd St. – Homer Glen, IL - QA
- City of Lockport – Various Geotechnical, Construction Materials & Environmental Projects
- Village of Westmont – Various Geotechnical, Construction Materials & Environmental Projects
- Jefferson Street Corridor Watermain Corrosion Study – Bensenville
- Illinois Veterans Home – Chicago, IL
- River and Roberts Roundabout – Lake County, IL Geotechnical Investigation & Construction
- Forest Avenue Bridge – Highland Park, I
- IDOT – D-91-295-12, PTB 163-019 – District One Geotechnical Contract
- Lyons MFT Program
- Hodgkins MFT Program
- Countryside MFT Program
- Bedford Park MFT Program
- Cicero MFT Program
- Burbank MFT Program
- Fullerton Avenue Bridge over Salt Creek – Addison, IL
- Palos Township Annual Street Program
- Naperville Township Annual Street Program

SEECO Consultants, Inc.

NAME: Garrett W. Gray, P.E.

TITLE: Project Geotechnical/Environmental/Construction Engineer

YEARS EXPERIENCE WITH THIS FIRM: 26

EDUCATION: B.S.E.E. 1996 University of Notre Dame, Environmental Engineering
M.S.C.E. 1998 Iowa State University, Geotechnical/Environmental Engineering

ACTIVE REGISTRATION: P.E., State of Illinois, 2008
IDOT Documentation 2/12/15
IDOT PCC – 1, 2, 3
IDOT BIT – 1, 2, 3
IDOT Soils – S33

EXPERIENCE:

Mr. Garrett Gray has worked as a field and staff engineer for SEECO Consultants. He has also worked as a field engineer logging boreholes and logging monitoring well installations. He has extensive experience in field and laboratory testing of soils, concrete and asphalt. Mr. Gray's experience with environmental services includes sampling and assessment design, remedial design, cost analysis and oversight for both special and hazardous waste projects. His experience includes the following:

- Village of Lombard Annual Contract – 2007 – Lombard
- Village of Downers Grove-Variou Projects 2009, 2011-Current
- New Public Works Facility – Westmont
- New Public Works Facility – Shorewood
- Seil Road Bridge and Roadway – Shorewood
- Acacia Drive – Indian Head Park
- 2020 and 2021 MFT and Non-MFT Street Program – Plainfield
- Various Watermain and Pavement Projects – Crest Hill, IL
- Various Watermain and Pavement Projects – Lemont
- Various Water Main and Pavement Projects - Bensenville
- CTA Track Failure Forensic Investigation-Skokie, IL
- Illinois Veterans Home – Chicago, IL

- River and Roberts Roundabout – Lake County, IL Geotechnical Investigation & Construction
- Forest Avenue Bridge – Highland Park, I
- IDOT – D-91-295-12, PTB 163-019 – District One Geotechnical Contract
- MWRDGC – Geotechnical Contracts – 2010-2012 & 2013-Current
- IDOT PTB 155-51 District 6 Geotechnical Contract
- Goodenow Grove Bridges, Will County, IL – Geotechnical Investigation
- Rt. 53 and Madison Avenue, Lombard, IL – Geotechnical Investigation
- City of Lockport – Various Geotechnical, Construction Materials & Environmental Projects
- Village of Westmont – Various Geotechnical, Construction Materials & Environmental Projects
- PSB 131/5 – Various Geotechnical Projects, District 1 – Geotechnical Investigation
- 183rd Street Extension – Tinley Park, IL – Geotechnical Investigation
- Jackson Bridge and Creek Realignment – Frankfort, IL – Geotechnical Investigation and Construction

SEECO CONSULTANTS INC.

NAME: Michael M. Cassidy

TITLE: Supervising Technician

YEARS EXPERIENCE WITH THIS FIRM: 17

YEARS EXPERIENCE WITH OTHER FIRMS: 15

EDUCATION: B.S. 1989, Slippery Rock University, Pennsylvania, Physics

ACTIVE REGISTRATION: Colorado Laboratory for Certification of Asphalt Technician (LabCAT) Levels: A-Laydown, B-Plant Materials Control, C-Volumetrics and Stability, D-Smoothness, E-Aggregates; Wyoming DOT: Asphalt Concrete, Aggregates, Soils
American Concrete Institute: Concrete Strength Testing

RELEVANT TRAINING: Superpave Mixture Design, Asphalt Institute
Troxler Radiological Safety
Troxler Radiation Safety Officer
HAZMAT Certification
IDOT Soil Subgrade Stability
IDOT Geotechnical Field Testing and Inspection

PUBLICATIONS: *ASTM STP 1378 Hot Mix Asphalt Construction: Certification and Accreditation Programs:* Michael M. Cassidy, Scott A. Conner "Asphalt Technician Certification: The Rocky Mountain Way", pp. 11-22, December 1998

AFFILIATIONS: American Society for Testing and Materials, Member

EXPERIENCE:

Mr. Cassidy supervises and schedules field engineers and technicians in the field and laboratory. Mr. Cassidy has over 25 years of experience in Construction Materials Testing and Inspection Services. For the past five years, Mr. Cassidy has been involved in the oversight of field and laboratory construction materials testing and QC/QA construction inspections. Mr. Cassidy's responsibilities include maintenance of SEECO's Quality System, staff training and evaluation, determining testing frequencies and procedures, report review, data reduction and initial technical review. A partial listing of his work experience includes: His background includes extensive training in Soil Mechanics, Construction and Material Testing.

His project experience includes:

-Village of Lombard Annual Contract – 2007-Current

-Various Water Main and Pavement Projects – Bensenville

-Clarendon Hills Road – Downers Grove Township

- Various Water Main and Pavement Projects – Lemont
- Various Water Main and Pavement Projects – Crest Hill
- 2020 and 2021 MFT and Non-MFT Street Program – Plainfield
- Acacia Drive – Indian Head Park
- Seil Road Bridge and Roadway – Shorewood
- New Public Works Facility – Westmont
- New Public Works Facility - Shorewood
- Schaumburg Road & Barrington Road – Schaumburg, IL – QA
- Claire Blvd. – Robbins, IL – QA
- 96th Ave. Reconstruction – Palos Heights, IL – QA
- City of Lockport – Various Geotechnical, Construction Materials & Environmental Projects
- Village of Westmont – Various Geotechnical, Construction Materials & Environmental Projects
- IL Rte. 53 & University Rd. – Romeoville, IL – QA
- Short Street Bridge – Lisle, IL – QA
- Green St. – Bensenville, IL – QA
- Garfield St. Reconstruction – Lockport, IL – QA
- Fullerton Bridge Replacement – Addison, IL – QA
- 127th & Sacramento – Blue Island, IL – QA
- 143rd St. – Homer Glen, IL - QA
- Village of Downers Grove-Variou Projects 2009, 2011-Current
- Jefferson Street Corridor Watermain Corrosion Study – Bensenville
- Mattoon Elevated 1MG Water Tank – Mattoon, IL
- Illinois Veterans Home – Chicago, IL
- River and Roberts Roundabout – Lake County, IL Geotechnical Investigation & Construction

SEECO Consultants, Inc.

NAME: Jeronimo S. Cabal

YEARS EXPERIENCE WITH THIS FIRM: 19

YEARS EXPERIENCE WITH OTHER FIRMS: 11

EDUCATION: B.S.C.E. 1990, St. Louis University, Baguio City, Philippines

ACTIVE REGISTRATION: IDOT Soil Subgrade Stability Course
IDOT Aggregate Course
IDOT Bituminous Proportioning
IDOT PCC Levels I, II and III
IDOT Bituminous Level I, II and III
ACI Concrete Field Testing Technician - Grade I
ACI Concrete Mix Design, Grade II

EXPERIENCE:

Mr. Cabal's background includes construction inspection, laboratory testing, and surveying. His experience includes soil, concrete, steel and asphalt testing and analysis of the data relative to Construction Material and Inspection Services. His expertise includes construction observation and field testing and analysis, caisson and pile inspections as well as routine soil, concrete and asphalt laboratory data.

His background includes extensive training in Soil Mechanics, Construction and Material Testing. His project experience includes:

- Village of Lombard Annual Contract – 2007-Current
- Village of Downers Grove-Variou Projects 2009, 2011-Current
- Various Water Main and Pavement Projects – Crest Hill
- Various Water Main and Pavement Projects – Lemont
- Clarendon Hills Road – Downers Grove Township
- Various Water Main and Pavement Projects – Bensenville
- New Public Works Facility – Shorewood
- New Public Works Facility – Westmont
- Acacia Drive – Indian Head Park
- 2020 and 2021 MFT and Non-MFT Street Program – Plainfield
- Schaumburg Road & Barrington Road – Schaumburg, IL – QA

- Claire Blvd. – Robbins, IL – QA
- 96th Ave. Reconstruction – Palos Heights, IL – QA
- IL Rte. 53 & University Rd. – Romeoville, IL – QA
- Short Street Bridge – Lisle, IL – QA
- Green St. – Bensenville, IL – QA
- Garfield St. Reconstruction – Lockport, IL – QA
- Fullerton Bridge Replacement – Addison, IL – QA
- 127th & Sacramento – Blue Island, IL – QA
- 143rd St. – Homer Glen, IL - QA
- City of Lockport – Various Geotechnical, Construction Materials & Environmental Projects
- Village of Westmont – Various Geotechnical, Construction Materials & Environmental Projects
- Jefferson Street Corridor Watermain Corrosion Study – Bensenville
- LaGrange Library – Soil, Foundations Concrete, Asphalt and Steel
- Plainfield School District 202 – Various Projects for different Schools– Foundations, Concrete, Asphalt, Structural Steel.
- Anton Dvorak Elementary Specialty Academy, Chicago, Illinois for Chicago Public Schools- Foundations, Concrete, Asphalt
- MWRDGC - Concrete Testing and Inspection – 2006- 2009-ongoing
- New Lenox Village Hall – Soil, Foundations Concrete, Asphalt and Steel
- St. Brendan Assisted Living – Soil, Foundations Concrete, Asphalt and Steel
- St. Casmir Cemetery Mausoleum – Soil, Foundations Concrete, Asphalt and Steel
- Salvation Army Building, Chicago, Illinois – Soil, Concrete, Asphalt, High Strength Bolt
- Delnor Hospital, Geneva, Illinois – Soil, Concrete, Asphalt and Fireproofing

SEECO CONSULTANTS INC.

NAME: Sandip Dahal, PE

TITLE: Staff Geotechnical Engineer

YEARS EXPERIENCE WITH THIS FIRM: 6

YEARS EXPERIENCE WITH OTHER FIRMS: 3

EDUCATION: B.S.C.E. 2010 Tribhuvan University, Kathmandu, Nepal
M.S.C.E. 2016 Southern Illinois University – Geotechnical Engineering

ACTIVE REGISTRATION: Civil Engineer, Illinois; PE-TX, WI

EXPERIENCE:

Mr. Dahal has worked as a field and staff engineer and as a project geotechnical engineer writing reports for retaining walls, buildings and roadways. He has experience logging boreholes. He also has experience in infiltrometer testing and ground penetrating radar surveys and in preparation of roadway geotech and structure geotech reports on IDOT and municipal projects. He also is familiar with the preparation of LPC Forms for disposal.

A partial listing of his projects:

- Village of Lombard Annual Contract – 2007-Current
- Clarendon Hills Road – Downers Grove Township
- Various Water Main and Pavement Projects – Bensenville
- Various Water Main and Pavement Projects – Lemont
- Various Water Main and Pavement Projects – Crest Hill
- Acacia Drive – Indian Head Park
- 2020 and 2021 MFT and Non-MFT Street Program – Plainfield
- New Public Works Facility – Shorewood
- New Public Works Facility – Westmont
- Seil Road Bridge and Roadway - Shorewood
- IDOT– District 6- PTB 194-045—Various Locations Geotechnical Services
- IDOT-District 1- PTB 163-019—Various Locations Geotechnical Services

-IDOT– District 6- PTB 155-051—Various Locations Geotechnical Services

-IDOT - Route 30 and Treasure Drive Improvements, Aurora, IL

-IDOT – Rte. 67 Improvements, Beardstown, IL

-IDOT – Route 12 Culverts, Spring Grove, IL

-City of Cicero – Geotechnical & CCDD

-Village of Countryside – Geotechnical & CCDD

-City of Berwyn – Geotechnical & CCDD

-Village of Burbank – Geotechnical & CCDD

-MWRDGC – Geotechnical Contracts –2018-2021

SEECO Consultants Inc.

NAME: Eric Hasman

TITLE: Project Environmental Geologist

TOTAL YEARS EXPERIENCE: 27

EDUCATION: 1987 Northern Illinois University BS, Geology and Minor: Biology

REGISTRATION:

Professional Geologist – Illinois, License 196-000793

OSHA 40-Hour Hazwoper Training and OSHA 24 Hour Hazwoper Site Supervisor Training

Illinois Asbestos Building Inspector (IDPH #100-1483)

Indiana Asbestos Inspector (IDEM #19A010393)

NIOSH 582 - Phase Contrast Microscopy in Evaluating Asbestos Dust

Lead Paint Abatement Training

EXPERIENCE:

-Village of Lombard Annual Contract – 2020-Current

-Various Water Main and Pavement Projects – Lemont

-Various Water Main and Pavement Projects – Bensenville

-Acacia Drive – Indian Head Park

-Seil Road Bridge and Roadway – Shorewood

-Various Water Main and Pavement Projects – Crest Hill

-Performed numerous Phase I Environmental Site Assessments to determine environmental liabilities of industrial, commercial, and residential properties throughout the United States.

-Conducted numerous asbestos building inspections for industrial, commercial, residential and education clients throughout Illinois and Indiana. Provided project oversight during asbestos removal activities which included personnel exposure monitoring and final air sampling for industrial, commercial sites and schools.

-Project manager and on-site Professional Geologist for the advancement and placement of soil borings, installation of monitoring wells and soil vapor surveys for commercial, industrial and residential sites. Conducted and directed sampling to determine extent of soil / water / vapor contamination of LUST / SRP / non-hazardous or hazardous waste sites. Interprets data collected and reports findings. Projects have been completed following standards as provided by various financial institutions and government agencies.

-Conducted/supervised all phases associated with Underground Storage Tank (UST) removal / abandonment, Leaking Underground Storage Tank (LUST) and Site Remediation Program (SRP) reporting for hundreds of sites. Composed all reports associated with obtaining a "No further remediation" letter from the Illinois Environmental Protection Agency.

-Investigated and selected remediation strategies for over a hundred of remediation of sites. Supervised the installation and maintenance of LUST/SRP remediation technologies such as air sparging / vapor extraction systems, bioremediation / biopiling / landfarming and active skimmer systems.

-Conducted numerous Clean Construction or Demolition Debris (CCDD) sampling and reporting for soil disposal, RCRA landfill or incineration permits.

-Sampled various petroleum materials in aboveground bulk storage tanks (500 to 2 million gallon).

-Performed air quality testing / wastewater sampling at numerous commercial and industrial buildings.

-Composed Health & Safety Plans and Spill Prevention Control and Countermeasure Plans (SPCC). Conducted numerous in sewer flow and wastewater treatment investigations.

PROOF OF INSURANCE

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).

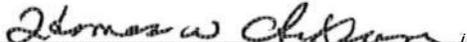
PRODUCER USI Ins Svcs LLC Euclid-Prof 2021 Spring Road, Suite 100 Oak Brook, IL 60523 312 442-7200	CONTACT NAME: Laurie Cloninger PHONE (A/C, No, Ext): 630 625-5219 E-MAIL ADDRESS: laurie.cloninger@usi.com	FAX (A/C, No): 610 537-4939	
	INSURER(S) AFFORDING COVERAGE		NAIC #
INSURED SEECO Consultants, Inc. 7350 Duvan Dr Tinley Park, IL 60477	INSURER A : Travelers Indemnity Co of America		25666
	INSURER B : Travelers Property Cas. Co. of America		25674
	INSURER C : Charter Oak Fire Insurance Company		25615
	INSURER D : RLI Insurance Company		13056
	INSURER E : INSURER F :		

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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

INSR LTR	TYPE OF INSURANCE	ADDLSUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		6800J274892	04/09/2021	04/09/2022	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$1,000,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
B	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		BA6R893533	04/09/2021	04/09/2022	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000		CUP3448T937	04/09/2021	04/09/2022	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
G	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A	UB9J840917	04/09/2021	04/09/2022	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D	Professional Liability		RDP0043090	04/09/2021	04/09/2022	\$2,000,000 each claim / \$2,000,000 annual aggr.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
NAMED INSUREDS ALSO INCLUDE SEECO Construction Services, Inc. and SEECO Environmental Services, Inc.
 Professional Liability is written on a 'claims made' policy form.
 Contractors Pollution Liability is written on an 'occurrence' policy form.
 (See Attached Descriptions)

CERTIFICATE HOLDER SAMPLE CERTIFICATE	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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DESCRIPTIONS (Continued from Page 1)

Contractors Pollution Liability:

Carrier - Capitol Specialty Insurance Corporation (NAIC 10328)

Policy Number - EV2016101306

Effective dates - 04/11/2021 to 04/11/2022

Limits of Liability - \$2,000,000 each pollution incident/aggregate

Deductible - \$5,000