

JACKSON COUNTY, MISSOURI

Qualifications for On-Call Geotechnical and Other Professional Engineering Services

April 11, 2023



CONTENTS

Cover

Cover Letter 3

Purchasing Forms (Attachment B) 5

Firm's General Background..... 11

Year of Inception and History12

Ownership Structure14

Ability to Provide the Services Requested14

Experience and References 30

Resumes of Key Personnel 41

**Ability/Willingness to Provide Additional
Services Beyond the Scope of Services** 60

Required Forms (Attachment A).....62

COVER LETTER

olsson[®]

April 11, 2023

Jackson County, Missouri
415 East 12th Street, Room 105
Kansas City, Missouri 64106



RE: Proposal to Provide On-Call Geotechnical Engineering and Other Professional Engineering Services for the Public Works Department No. 23-021

Dear Selection Committee Members:

If you find yourself in need of assistance with subsurface exploration or soil stabilization or are seeking the expert opinion of an experienced geotechnical, roadway, bridge, or stormwater engineer, wouldn't it be convenient to call on one firm that offers a wide range of multidisciplinary services? Look no further than Olsson, where our team of in-house experts offers a full spectrum of investigative services for your projects, all the way from materials testing to planning, design, and construction. We handle projects of various sizes and types, ranging from roadways, bridges, and dams to footing inspections, retaining walls, and environmental assessments. No matter the project, we are confident that we can provide the solution for Jackson County.

SMOOTH SAILING FROM START TO FINISH.

To be effective and efficient, the county needs well-functioning facilities, reliable infrastructure, continuous maintenance, technical know-how, and methods to handle those unplanned events that occasionally pop up. Our on-call team of experts can deploy at any time because a team member will answer the phone when you call. We are adept at navigating field inspections and design, saving you time and money, and know how to navigate compliance issues associated with regulatory requirements. We will communicate and maintain open dialogue to instill collaboration throughout the process. We will accomplish what you want, when you need it, and without excuses. We will work hard so your next project will be smooth sailing from start to finish.

HARD WORKING ON-CALL EXPERIENCE.

On-call contracts often have numerous tasks that need to be completed in parallel, requiring a strong project manager and technical experts who can deliver. At Olsson, we routinely execute concurrent projects or tasks under our on-call contracts. We have extensive technical skills and capabilities and full coverage from our four offices in the Kansas City metropolitan area. Our qualified professionals allow for rapid mobilization and the ability to execute multiple projects. Our team has the skills, certifications, experience, and knowledge necessary to perform investigative services required for your on-call needs.

STRONG COMMUNICATION ENABLES A POSITIVES ON-CALL EXPERIENCE.

Communication is one of the most important tools of project management, as it can truly make or break a successful project. Olsson's team-based structure enables us to provide reputable experts who lead each of our service lines to serve as points of contact for project delivery. This formation keeps the people that are doing the work closest to you, the client, and avoids unnecessary middle men that can slow projects down.

MAINTAINING A SAFE AND HEALTHY ENVIRONMENT IS A TOP PRIORITY.

We take the safety in the workplace and on project sites very seriously. We continuously discuss safety issues and protocols during meetings and projects, as well as conduct regular training and follow-up, site interaction, intervention, and mentoring to ensure the safety of our staff members and projects. This process begins with adequate initial and annual training, certifications, and checks/balances by project management and designated project reviewers that continues throughout the life of the project.

We are excited to continue building our relationship with Jackson County and provide you with the attached proposal. I, Bryan Johnson, will be your main point of contact. Please do not hesitate to contact me at 913.829.0078 or bjohnson@olsson.com.

Sincerely,

Handwritten signature of Bryan Johnson in blue ink.

Bryan Johnson, PE
Client Manager/Technical Leader

Handwritten signature of Grant Luckenbill in black ink.

Grant Luckenbill, PE
Senior Project Manager

PURCHASING FORMS (ATTACHMENT B)

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AFFIDAVIT

STATE OF Kansas)
) SS.
COUNTY OF Johnson)

Olsson, Inc. of the city of Olathe
County of Johnson State of Kansas being duly sworn on her or his oath, deposes and says,

1. That I am the Jeff Edson, PG (Title of Affiant) of Vice President/Office Leader (Name of Bidder) and have been authorized by said Bidder to make this Affidavit upon my best information and belief, after reasonable inquiry as to the representations herein.
2. No Officer, Agent or Employee of Jackson County, Missouri is financially interested directly or indirectly what Bidder is offering to sell to the County pursuant to this Invitation (though no representation is made regarding potential ownership of publicly traded stock of bidder).
3. If Bidder were awarded any contract, job, work or service for Jackson County, Missouri, no Officer, Agent or Employee of the County would be interested in or receive any benefit from the profit or emolument of such.
4. Either Bidder is duly listed and assessed on the tax rolls of Jackson County, Missouri and is not delinquent in the payment of any taxes due to the County or Bidder did not have on December 31, 2022, any property subject to taxation by the County and if bidder is duly listed and assessed on the tax rolls of Jackson County, Missouri, bidder agrees to permit an audit of its records, if requested by the Jackson County Director of Assessment, as they relate to the assessment of Business Personal Property.
5. Bidder has not participated in collusion or committed any act in restraint of trade, directly or indirectly, which bears upon anyone's response or lack of response to the Invitation.
6. Bidder certifies and warrants that Bidder or Bidder's firm/organization is not listed on the General Services Administration's Report of Debarred and/or Suspended Parties, or the State of Missouri and City of Kansas City, Missouri Debarment List.
7. Bidder certifies and affirms its enrollment and participation in a federal work authorization program with respect to the employees working in connection with the contracted services.
8. Bidder certifies and affirms that it does not knowingly employ any person who is an unauthorized alien in connection with the contracted services.

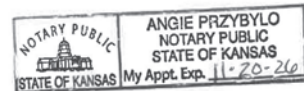
Jeff Edson, PG (Name of Bidder)
By: *JE* (Signature of Affiant)
Vice President/Office Leader (Title of Affiant)

Subscribed and sworn to before me this 29 day of March, 2023

NOTARY PUBLIC in and for the County of Johnson (SEAL)

State of Kansas

My Commission Expires: 11/20/2026



Angie Przybylo

ACKNOWLEDGMENT OF RECEIPT OF ADDENDA

The undersigned acknowledges receipt of Addenda through and including numbers 0 and that this Proposal is submitted in accordance with information, instructions, and stipulations set forth therein.



Signature of Respondent

April 10, 2023
Date

Olsson, Inc.
Company Name

1700 E. 123rd Street
Address

Olathe, KS 66061
City, State, and Zip

913.829.0078
Phone

EXHIBIT F
 RESPONDENT'S EXCEPTIONS
 TO
 SCOPE OF SERVICES
 OF
 JACKSON COUNTY, MISSOURI REQUEST FOR QUALIFICATIONS NO. 23-021

Respondent's attention is directed to Paragraph 4 of the General Conditions of this Request for Qualifications **READ THIS PARAGRAPH CAREFULLY.**

The following exceptions to the Scope of Services of Request for Qualifications No. 23-021 are requested by the undersigned Respondent: (Use additional pages as necessary.)

REFERENCE PARA # & PAGE #	EXCEPTION REQUESTED
N/A	N/A
	Olsson takes no exception to the Request for Qualifications General Conditions, Forms, or Insurance Requirements. We would like to clarify two points we identified in the general conditions:
	Indemnification – Two different indemnification clauses are presented in the RFP and the attachments. In Clause 7.7.1 of the RFP, the Respondent, Olsson, will indemnify and hold the County harmless from damages and losses arising from Respondent's negligence, errors, or omissions. It also stipulates that the Respondent is responsible for damages and losses on a comparative basis of fault between the Respondent and the County. Clause 15 of the General Conditions in the attachments does not tie indemnity the Respondent's negligence, errors, or omissions. Olsson requests that Clause 7.7.1 is fairest to both parties and should be part of the final agreement.
	Insurance – In Exhibit A, Insurance, paragraph two states that all subcontractors of the contractor are required to provide the same coverages and limits as the contractor. We would like to clarify that Olsson, the Respondent, would be a subconsultant to the County and will be asked to provide Professional and General Liability insurance, not Commercial Liability.

Name of Firm: Olsson, Inc.

Signature of Bidder: 



OFFICE OF THE COUNTY AUDITOR
COMPLIANCE REVIEW OFFICE
 415 E 12TH STREET, 2ND FLOOR
 KANSAS CITY, MISSOURI 64106

(816) 881-3302
 FAX (816) 881-3340
 COMPLIANCE@JACKSONGOV.ORG
 WWW.JACKSONGOV.ORG/AUDITOR

JACKSON COUNTY, MISSOURI
MBE/WBE/VBE PARTICIPATION AFFIDAVIT

ITB/RFP/RFQ Number: 23-021

ITB/RFP/RFQ Title: On-Call Geotechnical and Other Professional Engineering Services

Contracting Department: Public Works

Respondent: Bryan Johnson, PE, Technical Leader

I, Bryan Johnson, PE, of lawful age and upon my oath state as follows:

1. This Affidavit is made for the purpose of complying with the provisions of the MBE/WBE/VBE submittal requirements on the above ITB/RFP/RFQ and the MBE/WBE/VBE Program and is given on behalf of the Respondent listed above.

The goals set by Jackson County, Missouri are:

9.5 %MBE 11.7 %WBE 9.5 %VBE

2. Bidder stipulates that it will utilize a minimum of the following percentages of MBE/WBE/VBE participation in the above bid:

9.5 %MBE 11.7 %WBE 9.5 %VBE

INTERNAL USE ONLY	
CUP RECEIVED: _____	CUP APPROVED: _____
GFE RECEIVED: _____	GFE APPROVED: _____
CUP REVISED: _____	REVISION APPROVED: _____
APPROVED GOALS: _____ MBE	_____ WBE _____ VBE _____ OTHER
RES/ORD: _____	AMT AWARDED: _____
NOTES:	

Harry S. Truman, Presiding Judge 1927-1934

ACKNOWLEDGMENT

Respondent acknowledges that it is responsible for considering the effect that any change order and/or amendments changing the total contract amount may have on its ability to meet or exceed the subcontractor participation goals.

List of Intended Subcontractors:

Respondent acknowledges that it is responsible for submitting a **List of Intended Subcontractors (LIS)** prior to receiving a contract award as a result of its response to the above ITB/RFP/RFQ. This affidavit in conjunction with the LIS constitutes the **Contractor’s Utilization Plan (CUP)**, which sets out the Respondent’s plan to utilize MBE and/or WBE and/or VBE prime and subcontractors on the awarded contract. **The CUP is contractually binding and any changes to either document must follow a modification process as described below.**

Good Faith Effort:

Respondent further acknowledges that it is responsible for submitting a **Good Faith Effort Form** if it will be unable to meet the participation goals. A **Good Faith Effort Form** documents the efforts a respondent puts forth to achieve the MBE and/or WBE and/or VBE goals on a project. **Simply stating that goals cannot be met is not considered sufficient.**

Contractor Modification Form:

If, at any point during the life of the awarded contract, the contractor needs to substitute an approved subcontractor a **Contractor Modification Form** must be submitted to the Compliance Review Office.

Any Good Faith Effort or Contractor Modification Form must be approved by the Compliance Review Office.

*****Contact the Compliance Review Office for assistance or to request forms.*****

I hereby certify that I am authorized to make this Affidavit on behalf of the Respondent named below and who shall abide by the terms set forth herein. I acknowledge that the assigned values determined by this CUP shall be enforceable under the contract terms and conditions.

Respondent Primary Contact (Print) : Bryan Johnson, PE

Title: Technical Leader Email: bjohnson@olsson.com

Date: 3-29-2023 Phone: office: 913.829.0078

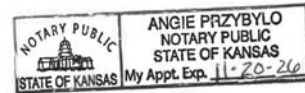
Signature: *Bryan Johnson* Date: 4-10-2023

NOTARIZED:

Subscribed and sworn to before me this 10 day of April, 2023.

My Commission Expires: 11-20-2026

Angie Przybylo



Harry S. Truman, Presiding Judge 1927-1934

FIRM'S GENERAL BACKGROUND

olsson®



GENERAL FIRM BACKGROUND

Year of Inception and History

Founded in 1956 on the very mindset that drives us today, we exist to improve communities like yours—to make them more sustainable, better connected, and more efficient. Simply put, we work to leave the world better than we found it.

Olsson can perform professional services nationwide. Though our philosophy hasn't changed since John E. Olsson opened our doors, we have certainly evolved, adding dozens of offices and employees across nine states and remote locations. We have nearly 1,800 professionals firmwide, offering a comprehensive list of services involving planning and design, engineering, field services, environmental, and technology.

GEOTECHNICAL SERVICES

That includes digging right in and exploring the subsurface soils, bedrock, and groundwater conditions on the project site to determine the best practices for site development of your proposed project.

At Olsson, our team of in-house experts offers a full spectrum of investigative services for your projects, from recreational trails to central utility plants. **There's truly no project we can't tackle.** We're meticulous in everything we're testing, analyzing, surveying, or crunching data sets. Every dollar counts when you're investing in a project.

Our attention to the smallest details allows us to build cost-effective solutions and helps you make better informed decisions. Well before you break ground, we'll be hard at work in the field, gathering information for the design team and providing the resources to document every facet of the project. Only a few companies have the resources and the manpower to provide concept to completion services in house.

Olsson offers a wide variety of investigative services — all local and in house — which will serve Jackson County very effectively and efficiently for all your project needs.

So, whether it's testing materials or conducting special inspections unique to your project, our Field Services team will work with you in a seamless, cooperative way to solve every challenge that comes our way. We don't want to be a firm with which you contract. At Olsson, we want to be your partner throughout the entire life cycle of your projects.

With our geotechnical laboratory located in the Kansas City metropolitan area, our teams already have extensive local knowledge of the habitat, soil conditions, hydrogeology, geography, and climatic conditions.

FORMER NAMES

Olsson became an employee-owned corporation on October 1, 1970. Previous firm names include John E. Olsson (March 9, 1956); Olsson & Burroughs (1958); Clark, Enersen, Olsson, Burroughs, & Thomsen (1962); John E. Olsson & Associates (October 2, 1970); and Olsson Associates, Inc. (November 1, 1973).

Olsson empowers employees to make decisions on practical solutions and to real-world problems.



FAST FACTS

4 Local Offices in Kansas City Metro

347 Local Employees in Kansas City Metro

24 Geotechnical Engineers

58 Construction Inspection / Construction Management / Materials Testing Technicians

Nearly **1,800** employees

Mobile Testing Laboratories Available

Failure to complete work for which a contract was issued? No

Are there any civil or criminal actions pending against the business or any key personnel related in any way to contracting? No

Provide a brief history of your business' contractual litigation, arbitration, and mediation cases N/A

Has business ever been disqualified from working for the City or any other public entity? No

OUR SERVICES



Environmental

Air Quality
Environmental Planning &
Permitting
Hydrogeology
Remediation



Planning & Design

Community Planning
Landscape Architecture
Master Planning
Program Management
Site Design
Transportation Planning



Field Services

Geotechnical
Materials Testing
Special Inspections
Drilling
Nondestructive Testing
Surveying
Construction Management



Engineering

Civil Engineering
Electrical Engineering
Mechanical Engineering
Structural Engineering



Technology

GIS
Systems Engineering
Traffic Management Systems
ITS
Utility & Industrial Automation
Project Visualization

Ownership Structure

Olsson is a nationally recognized employee-owned engineering and design firm. We are employee owned through a stock bonus program and an Employee Stock Ownership Plan. To keep our firm nimble and adaptable to change, we maintain a flat organizational structure. Our firm is built around a multi-team concept, with each team centered on a discipline within an office. Each team functions with a high level of autonomy and responsibility but the inter-team relationships are collaborative rather than competitive.

The firm as a whole functions on a bottom-up rather than a top-down information flow. The atmosphere is informal—titles and office size are not status symbols here—and all employees are encouraged to take initiative, anticipate change, and demonstrate leadership.

We've purposefully organized our firm into small teams, a formula that has kept us flexible enough to achieve great results. Being part of a small team gives our employees a strong sense of belonging and accountability—no one gets lost in the crowd, no one can hide.

Ability to Provide the Services Requested

The Olsson team offers comprehensive design solutions for public and private infrastructure projects. We specialize in complex projects that involve many disciplines, including field services, environmental resources and compliance, water resources, water and wastewater utility design, transportation, power generation, automation and technology, building systems, and landscape architecture and urban planning. A detailed list of services is on page 59.

Olsson can easily provide all of your requested services which include building renovation and construction, building condition assessment, floor load rating, street, roadway, bridge and culvert design and construction, asphalt paving and other surface treatments, drainage structure design and construction, sewer and water design and construction, parks project planning, design and construction, other infrastructure evaluation, design and construction, environmental assessment, and vacuum excavations for utility locates, etc., and Phase 1 and Phase 2 site assessments....and anything else along the way.



PROJECT APPROACH

UNDERSTANDING

Every project is unique, and one size does not fit all, especially when considering how to approach on-call contract related work because this type of work is typically small and/or fast-paced. And, while each project approach and management technique must be tailored to the size, schedule, and complexity of the project, the key component to ensure a successful outcome is a high-level of communication.

We understand that the typical projects that may be asked of Olsson to assist with include: geotechnical investigations, material testing services, survey, environmental investigations and permitting assistance as well as transportation or facilities-related design projects. These design projects are likely to consist of rehabilitation and maintenance projects, facility upgrades, and new infrastructure projects. Olsson has prepared a team of proven professionals within the KC metro who can be responsive and actively collaborate with your staff members to meet your needs.

COMMUNICATION

Communication is a two-way street, desired goals and outcomes must be made clear prior to scoping the project. This is typically accomplished by having a brief in-person meeting to discuss the project and then a field walk through. Not clearly defining the level of detail required to confidently achieve the goals of the project is typically the core issue and cause of delay on scoping on-call contracts. Olsson understands this and we work to define this during project scoping. Also, during this scoping meeting, Olsson will work with the project manager to clearly define the schedule and deliverables required.

FLEXIBILITY

We believe that flexibility is a key characteristic to successfully providing on-call services. On-call work is limited by budgets and typically driven by compressed schedules—hence the need for a quick contracting technique. Not only can Olsson provide top-notch structural services, we can provide nearly any engineering service imaginable. We understand that adapting to the needs of each project means sometimes you need to be creative to achieve the project goals within a limited budget.

During the project, undue formality can become cumbersome; simple email updates and quick weekly phone calls are enough to suffice. Clearly communicating the outstanding decisions to be made or information, that is required to keep the project moving forward, is key to this weekly communication. Depending on the project needs, intermittent design packages and brief reviews can be made to ensure compliance with the intent and goals of the project. A final, reviewed project deliverable can then be submitted, the project closed out, and the client debrief can take place.

Olsson intends to approach these on-call projects with:

- A high-level of communication
- In-person scoping meeting and site walk throughs
- Brief, weekly update emails and calls
- Intermittent design review packages (depending on the project need)
- Final submittal
- Project closeout and client debrief

ROUTINELY WORK WITH DBE / WBE / VBE FIRMS

Women, veteran, and minority business owners bring knowledge and experience to the table that may otherwise be absent from the workplace. Understanding this, Olsson makes every effort to meet or exceed labor law requirements to ensure that Minority-Owned Business (MBE), Women-Owned Business (WBE), and Veteran Business Enterprise (VBE) firms are utilized. Members of our team maintain an extensive database of small businesses with whom they have previously worked and who meet our standards for delivering safe, high-quality services on schedule and within budget. To ensure that we adhere to our client's small business hiring goals, members of our team track and periodically advise project managers regarding the small business participation as a percentage of the total effort. Recent DBE, WBE, and VBE firms include:

- TSi Geotechnical (MBE)
- Hg Consult (MBE)
- Solid Ground Engineering (WBE)
- Buried Past Consulting (WBE)
- TREKK Design Group (WBE)
- KC Testing & Engineering (DBE)
- Archaeological Research Center (DBE)
- New Horizons (WBE)

PROJECT MANAGEMENT DASHBOARD

The dashboard features a header with the City of Omaha logo and the Olsson logo. The main content area includes a project location banner for "13TH STREET | WALKABILITY STUDY" with icons for a bicycle, pedestrian, car, and bus. Below this are two orange buttons: "City of Omaha, Nebraska" and "Olsson Project #: 018-0736". A "Contacts" table lists project team members. To the right are several functional buttons: "Contracts / Amendments", "Agency Review", "Invoices & Progress Reports", "Plans, Reports, & Data", "Public Involvement Docs", "Public Involvement Log", and "Reports & Memos". At the bottom left are buttons for "Project Photos", "Project Meetings", and "Project Schedule".

Name	Project Role	Email	Desk Phone #	Cell Phone #
PRIMARY PROJECT CONTACTS				
Krista Wassenaar	Project Manager - City	krista.wassenaar@cityofomaha.org	402-444-3821	
Chris Rolling, PE, PTOE	Project Manager - Ols	crolling@olssonassociates.com	402-938-2450	402-850-7415
Mike Piernicky, PE, PTOE	Principal In Charge	mpiernicky@olssonassociates.com	402-938-2434	402-960-0237

Task Name	Start Date

PROJECT MANAGEMENT

Olsson uses a variety of tools, including Smartsheet® Dashboard, to communicate with multiple parties. We propose creating this for the overall project. This tool will allow the project owner, Olsson, and other key stakeholders to easily and quickly exchange information through a cloud-based platform.

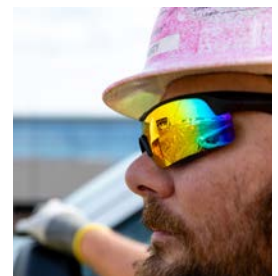
The project dashboard (*example shown above*) will provide a repository for project schedules, contacts, meeting minutes, deliverables, and crucial project data. We also propose performing internal and external quality control by integrating Bluebeam Studio into the dashboard. We can even administer all invoicing through the dashboard.

It will be a one-stop shop for the project team to access and exchange information throughout the project. The county's project manager can use this powerful tool to readily access current project information for accurate internal communication.

We have established a workflow that minimizes effort to create and maintain this tool through its successful implementation on other projects. We know that it can simplify the coordination effort and bring significant value to this project.

AVAILABILITY TO BEGIN WORK

Backed by many experienced engineers, construction managers, and field technicians, Olsson has the availability to being working on this on-call immediately.



WORKFORCE DIVERSITY

At Olsson, we promote diversity and inclusion to provide our employees and clients with a successful and thriving environment. We want to ensure our culture supports all people, and that all employees can use their voices to share their thoughts. Encouraging full inclusion of ideas and skill sets from employees with different backgrounds allows us to bring better solutions to our clients and our firm.

Our Diversity, Equity, and Inclusion (DEI) Council was formed to foster an environment that promotes, supports, and nurtures DEI through daily practice, training programs, and hiring practices. We are taking action to increase diversity by seeking outside support to create our diversity strategy; including DEI into our language; reviewing pay equity to better promote DEI across our footprint; partnering with education resources to add diversity to the industry; and connecting employees through employee resource groups to provide opportunities for employees to find support within Olsson.

QUALITY ASSURANCE / QUALITY CONTROL

When it comes to managing your project, we think about controlling the scope, schedule, and cost and another element that is equally important—quality. If our project/deliverable does not meet YOUR quality standards, you will not be happy, and we won't be either. That's why quality management is a top priority at Olsson. Our quality management starts even before the design of the project begins to confirm our scope is accurate and our fee is on target. Having a detailed discussion with you at the beginning helps set the stage for a successful project start that continues throughout the entire life of the project. Quality is not just an inspection or a checkbox that is ticked when the project is completed; it's an ongoing process that protects against costly and time-consuming project delays.

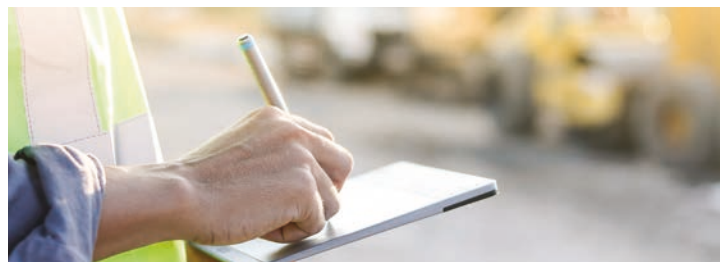
Our approach consists of three main elements to quality management. They are as follows:

- 1. The Quality Management Plan (QMP)** is a specific plan that identifies what will be produced, how it will be produced, how and to what level it will be reviewed, how it will be audited, who will be responsible, and when QA/QC will happen.
- 2. Quality Assurance (QA)** is the overall process or system that establishes the policies and procedures that are designed to provide consistent quality. Preparing the quality management plan (QMP), using standard file naming conventions and file management structure, and performing quality audits are examples of QA.
- 3. Quality Control (QC)** are activities that examine, verify, and (if appropriate) measure the quality on each project deliverable. These activities include preventing, finding, and correcting defects in specific deliverables and documenting the review process.



STAFFING BACKUP

When selecting an engineering consulting and field operations firm for your projects, one crucial consideration is the availability of skilled and capable staff. At Olsson, we have conducted a thorough analysis of our workload to confirm that we have adequate resources and personnel to deliver top-notch services for your project. **With a dedicated team of 256 professionals focused on field operations, we have a substantial pool of backup personnel to easily meet your requirements.** This robust resource base enables us to easily adjust the number of staff members required at a job site, whether it be increasing or decreasing as necessary.



GEOTECHNICAL SERVICES

Olsson's geotechnical capabilities include:

Investigation and Design

- Desktop studies
- Peer reviews
- Shallow and deep foundations
- Slope stability, seepage, and settlement studies
- Commercial, industrial, and residential developments
- Utility and treatment plant infrastructure
- Design-build projects
- Rail and roadway embankments, bridge foundations, and pavement design
- PCI (Pavement Condition Index) studies
- Dams, levees, and embankments
- Elevated and at-grade towers and tanks
- Lagoon investigations/percolation tests
- Soldier, tangent, and secant pile wall design
- Soil Nail and MSE retaining wall design
- Post tensioned rock anchors
- Geotechnical forensic studies
- Instrumentation design and installation
- In-situ testing
- Geophysical surveys
- Seismic site classifications (ReMI, MASW)
- Thermal and electrical resistivity
- Pre- and post-construction video survey

AASHTO AND DOT ACCREDITED USACE CERTIFIED

- Asphalt Binder Content and Aggregate Gradation
- Theoretical Maximum Specific Gravity
- Volumetric Properties of Compacted Paving Mixes
 - Marshall
 - HVEEM
 - Superpave

Concrete, Masonry, and Cement Laboratory Services

AASHTO AND DOT ACCREDITED USACE CERTIFIED

- Compressive Strength
 - Hardened concrete
 - Destructive
 - Nondestructive
 - Block and block prisms
 - Cement, mortar, and grout
 - Drilled cores and sawed beams
- Sampling
 - Fluid/plastic concrete, grout, and mortar
 - Hardened concrete (cores/beams)
 - Concrete masonry and related units
 - Aggregates for concrete
- Flexural Strength
 - Third-point loading
 - Center-point loading
 - Splitting-tensile
- Length Change of Hardened Concrete
- Alkali-Silica Reactivity (ASR) Testing

Soil and Aggregate

Laboratory Services

AASHTO AND DOT ACCREDITED USACE CERTIFIED

- Soil Classification and Identification (USCS/Visual-Manual/AASHTO)
- Atterberg Limits
- Particle Size Distribution (Sieves and Hydrometer)
- Specific Gravity of Soils
- Moisture Content, Density, Void Ratio, and Saturation of Intact Specimens
- Moisture-Density Relationship (Proctor)
 - Standard effort
 - Modified effort
 - Soil-chemical mixtures (cement, lime, fly-ash, etc.)
- One-Dimensional:
 - Consolidation
 - Swell
 - Collapse
- Unconfined Compressive Strength
- Triaxial Compression
 - Unconsolidated-undrained
 - Consolidated-undrained
 - Consolidated-drained
- Direct Shear
- Consolidated-drained
- California Bearing Ratio (CBR) Dispersive Characteristics
 - Crumb
 - Pinhole
- Organic Matter
 - Organic (ash) content of soil
 - Organic impurities in aggregates
- Permeability
 - Flexible wall permeameter
 - Permeability of granular soils
- Aggregate Quality Testing
 - Soundness – magnesium sulfate
 - Abrasion – Los Angeles
 - Specific gravity and absorption
 - Clay lumps and friable particles
 - Percentage of fractured faces
 - Lightweight particles in aggregate



DRILLING SERVICES

Olsson's drilling capabilities include:

- Continuous Flight and Hollow Stem Auger Drilling Up to 200 Feet in Depth
- Wireline and Conventional Rock Coring Up to 250 Feet in Depth
- Mud-Rotary Drilling Up to 250 Feet in Depth
- Air Rotary Drilling Up to 200 Feet in Depth
- Shelby Tube and Standard Penetration Testing with Calibrated Auto-hammers
- CME Continuous Sampler
- Osterberg Sampler
- Shear Vane Testing
- Inclinator and Piezometer Installations
- Environmental Well Installations Up to 6 Inches in Diameter
- Licensed Water Well Contractors in Nebraska, Kansas, and Oklahoma
- HAZWOPER 40-Hour and OSHA 30-Hour Certifications
- CPTu Electronic Cone Penetration Testing with Seismic Capability
- Electrical Resistivity Testing

Olsson owns and operates its drill rigs.



CME 75 Drill Rigs

- Hollow Stem Auger Drilling and Sampling
- Air Rotary Drilling and Sampling
- NQ Wireline Coring
- Mud Rotary Drilling and Sampling
- Electronic Cone Penetration
- Inclinator, Piezometer, and Other Instrumentation Install



CME 55 Drill Rig

- Hollow Stem Auger Drilling and Sampling — 100 Foot Depth
- Air Rotary Drilling and Sampling — 100 Foot Depth
- Continuous Flight Augers — 150 Foot Depth
- Mud Rotary Drilling and Sampling — 125 Foot Depth
- Inclinator, Piezometer, and Other Instrumentation Install
- Other Instrumentation Install



CME 45 Drill Rigs

- Hollow Stem Auger Drilling and Sampling
- Continuous Flight Augers
- Mud Rotary Drilling and Sampling

SPECIAL INSPECTIONS / MATERIALS TESTING

CERTIFICATIONS

- AASHTO (AMRL/CCRL)
- Cement and Concrete Reference Laboratories (CCRL)
- U.S. Army Corps of Engineers (USACE)
- International Code Council (ICC)
- American Concrete Institute (ACI)
- Post-Tensioning Institute (PTI)
- National Institute for Certification in Engineer Technologies (NICET)
- American Society for Nondestructive Testing (ASNT)
- American Welding Society (AWS)
- National Association of Corrosion Engineers (NACE)
- National Fire Protection Agency (NFPA)
- American Portable Nuclear Gauge Association
- Arkansas, Kansas, Colorado, Iowa, Nebraska, Missouri, and Oklahoma Departments of Transportation

LABORATORY CERTIFICATIONS

- AASHTO (AMRL/CCRL)
- Arkansas, Kansas, Colorado, Iowa, Nebraska, Missouri, and Oklahoma Departments of Transportations
- U.S. Army Corps of Engineers (USACE)

OLSSON'S MATERIALS TESTING CAPABILITIES INCLUDE:

Asphalt Laboratory Services

- Reducing Samples
- Theoretical Maximum Specific Gravity
- Oil Content (Extraction or Burn Off)
- Bulk Specific Gravity
- Marshall Density, Stability, and Flow
- Percent Air Voids
- Mechanical Sieve Analysis
- Mix Designs Verification
 - Marshall
 - Superpave
 - HVEEM



24-HOUR TURNAROUND ON MOST TESTS

Soils/Aggregate

- Nuclear Density Testing
- Sand Cone Testing
- Dynamic Cone Penetrometer Testing
- Soil Classification and Identification (USCS/Visual-Manual/AASHTO)
- Atterberg Limits
- Particle Size Distribution (Sieves and Hydrometer)
- Specific Gravity of Soils
- Moisture Content, Density, Void Ratio, and Saturation of Intact Specimens
- Moisture-Density Relationship (Proctor)
 - Standard effort
 - Modified effort
 - Soil-chemical mixtures (cement, lime, fly-ash, etc.)
- One-Dimensional
 - Consolidation
 - Swell
 - Collapse
- Unconfined Compressive Strength
- Triaxial Compression
 - Unconsolidated (undrained)
 - Consolidated (undrained)
 - Consolidated (drained)
- Direct Shear
 - Consolidated (drained)
- California Bearing Ratio (CBR)
- Dispersive Characteristics
 - Crumb
 - Pinhole
- Organic Matter
 - Organic (ash) content of soil
 - Organic impurities in aggregates
- Permeability
 - Flexible wall permeameter
 - Permeability of granular soils
- Aggregate Quality Testing
 - Soundness – magnesium sulfate
 - Abrasion – Los Angeles
 - Specific gravity and absorption
 - Clay lumps and friable particles
 - Percentage of fractured faces
 - Lightweight particles in aggregate

Concrete, Masonry & Cement Testing Services

- Fluid Concrete Testing (ACI Level I Field Tester Certification)
- Concrete Strength Testing (ACI CST Technician)
- Slump, Air Content, Unit Weight, and Yield Testing
- Compressive Strength
 - Hardened concrete
 - Destructive
 - Nondestructive
 - Block and block prisms
 - Cement, mortar, and grout
 - Drilled cores and sawed beams
- Sampling
 - Fluid/plastic concrete, grout, and mortar
 - Hardened concrete (cores/beams)
 - Concrete masonry & related units
 - Aggregates for concrete
- Flexural Strength
 - Third-point loading
 - Center-point loading
 - Splitting – tensile
- Length Change of Hardened Concrete
- Alkali-Silica Reactivity (ASR) Testing
- Vapor Emissions and pH Testing
- Relative Humidity Testing
- Reinforcing Steel Locating (Profometer and GPR)
- Floor Flatness and Levelness
- Mix Design Verifications

Structural Steel Field Testing

- Skidmore Wilhelm – Bolt Testing
- Ultrasonic/Phased Array
- Magnetic Particle Testing
- Liquid Dye Penetrant Testing
- Radiographic Testing (X-ray)
- Eddy Current
- Writing Welding/Bolting Procedures
- Magnaflux
- Certification of Welders
- Metals Laboratory

LABORATORY SERVICES

LABORATORY CERTIFICATIONS:

- American Association of State Highway and Transportation Officials (AASHTO) Accredited
- United States Army Corps of Engineers (USACE) Validated
- Validated by respective State Departments of Transportation (DOT)
- Participant in AASHTO RE:Source Proficiency Sample Program (PSP)
- Participant in Cement and Concrete Reference Laboratory (CCRL)

STAFF CERTIFICATIONS:

- American Concrete Institute (ACI)
- American Portable Nuclear Gauge Association (APNGA)
- Respective State Departments of Transportation
- National Institute for Certification in Engineering Technologies (NICET)



24-hour
turnaround
time for most
laboratory testing;
**your project is
our 1st priority.**

Soils/Aggregate

- Atterberg Limits (Plasticity Index)
- California Bearing Ratio (CBR)
- Classification of Soils (USCS or AASHTO)
- Density (Dry/Wet)
- Direct Shear (Consolidated Drained)
- Dispersion (Crumb, Pinhole)
- Grain Size Distribution (Gradation/Hydrometer)
- Moisture Content
- One-Dimensional Consolidation/Swell/Collapse
- Oversize Particle Correction
- Percent Fines (P-200)
- Permeability (Constant/Falling -Head)
- Proctor (Standard/Modified/ Fly-Ash/Cement)
- Resistivity (2/4 Electrode)
- Triaxial Compression (UU/CU/CD)
- Unconfined Compressive Strength (Soils/Rock Core)

Aggregate

- Abrasion (LAR)
- Bulk Density (Unit Weight) and Voids
- Clay Lumps and Friable Particles
- Grain Size Distribution (Gradation)
- Lightweight Particles
- Min/Max Index Density and Unit Weight
- Moisture Content
- Organic Impurities
- Percent Fines
- Percent Fractured Particles (Coarse)
- Soundness (Sulfate)
- Specific Gravity (Coarse/Fine)

Compressive Strength

- Concrete Cores
- Concrete Cylinders
- Concrete Masonry Units (CMU)
- Grout and Mortar (Cube/Prism)
- Masonry Wall Unit/Block Prism

Cement, Concrete, and Masonry

- Alkali-Silica Reaction (ASR)
- Chloride Ion (Water-Soluble)
- Density, Absorption and Voids (Hardened Concrete)
- Flexural Strength (Center/Third-Point)
- Length Change of Hardened Hydraulic-Cement/Mortar/Concrete
- Mix Design Verifications
- Thickness of Concrete Elements (Core Thickness)

Asphalt

- Bulk Specific Gravity (Laboratory/ Field -Compacted)
- Laboratory Compaction (Marshall/Gyratory)
- Marshall Stability and Flow
- Maximum Specific Gravity (Gmm)
- Mix Design Verifications
- Percent Binder (Ignition/Solvent)
- Sieve Analysis of Extracted Aggregates
- Volumetrics (Va, VMA, VFA, Gsb, Gse)

NON-DESTRUCTIVE TESTING SERVICES

LABORATORY CERTIFICATIONS:

- American Association of State Highway and Transportation Officials (AASHTO) Accredited
 - CCRL
 - AMRL
- United States Army Corps of Engineers (USACE) Validated

STAFF CERTIFICATIONS:

- American Society of Non-Destructive Testing (ASNT)
 - Level III / Level II
- Electric Power Research Institute (EPRI) Qualified Staff
- NACE International
 - CIP 1
 - CIP 2
 - CIP 3
 - CP 1
- International Code Council (ICC)
 - Bolting / Welding
- American Welding Society (AWS)
 - CWI / SCWI
- American Petroleum Institute (API)
 - 510 / 570 / 653
- Steel Tank Institute (STI)
- MFL Floor Scanner
 - API 653; Annex G

Radiography

- Digital Radiography
- Film Radiography
- Welder Qualifications, Welding Procedures, Material Investigations, Weld Investigations, Pipe Integrity

Ultrasonic

- Thickness, Shearwave, Phased Array, Material investigations, Rail, Anchors, Weld inspections, Piping and Plate

Magnetic Particle

- Yoke AC/DC
- Wet/Dry
- Fluorescent/Visible

Penetrant

- Visible/Fluorescent
- Water Wash/Solvent Remove

Eddy Current

- Tube Inspection

GPR (Ground Penetrating Radar)

- 16-inch Concrete Imaging
- 2D and 3D Capabilities

Structural Steel

- Certified Bolting and Welding Inspection
- Bolt Calibration
- Light Gage Framing

Visual Inspection

- Direct and Remote

NACE Inspections

- Ambient Condition Monitoring
- Compressed Air Blotter Tests
- Holiday/Pinhole Detection
- NACE Coating Inspection (Certified)
- Painting Operation Monitoring
- Pit Depth Measurement
- Surface Contamination Analysis
- Surface Preparation Verification

- Wet/Dry Film Thickness
- Surface Roughness

CWI (Certified Welding Inspector) Services

- PQR, WPS, WPQ Preparation and Testing

PMI (Positive Material Identification)

- X-ray Fluorescence

Hardness

- Rebound Technique (Leeb)
- Portable Rockwell

NDT Level III Services

- ASNT Level III Staff Consulting
- Certification Testing
- Procedure Preparation/Review
- Company Appointment

Testing Laboratory

- Tensile Testing
- Ultimate Tensile Strength
 - Yield Strength
 - Elongation
 - Area Reduction
- Bend Testing
- Charpy V-Notch Impact Testing
- Chemical Composition
- Hardness Testing
- All Weld Metal Testing

Mechanical Integrity

- API 510 Pressure Vessel Inspection
- API 570 Process Piping Inspection
- API 653 Storage Tank Inspection
- STI Inspection
- Leak Testing
 - Vacuum Box
- MFL (Magnetic Flux Leakage)
 - Mark IV unit
 - Mark II Unit
- UT Corrosion Mapping
 - Semi automatic scanner
 - Manual
- Survey Services API 579 Fitness for Duty



REQUESTED ADDITIONAL DESIGN-RELATED SERVICES INDICATED IN RFQ'S SCOPE OF SERVICES

OLSSON'S MISSION IS SIMPLE:

To help make the communities we touch healthier, safer, and more prosperous, while sustaining the environmental health of our planet for future generations.



Roadway Design

- Corridor and Feasibility Studies
- Rural and Urban Highway Design
- Roundabouts, Intersections, and Interchanges
- ADA & Safety Projects
- Bicycle and Pedestrian Trail Design
- Public Involvement and Stakeholder Meetings
- Transportation Planning
- Right-of-Way Design
- Grading and Erosion Controls
- Stormwater Pollution Prevention Plans
- Asphalt Pavement and Surface Treatments

Bridge, Culvert, & Wall Design

- Grade Separations
- Stream Crossings
- Pedestrian Bridges
- Inspection and Rehabilitations
- Bridge and Culvert Load Ratings
- Grant Writing & Feasibility Studies
- MoDOT LPA-Trained for Federally Funded Projects
- Bridge Widening and Retrofits
- Culvert Solutions
- Custom Stormwater Structures
- Spillway and Dam Design
- Retaining Walls
- Railroad Coordination
- Sign and Pole Structures
- Cost Estimating

Traffic Engineering

- Traffic Operations Studies and Design
- Isolated and Coordinated Signal Systems
- Intelligent Transportation Systems
- KC Scout and Project Green Light Systems Experience
- Traffic Calming Design
- Roundabout Design
- Transportation Management Plans
- Work Zone Traffic Control

General Civil, Structural, and Utilities

- Park Design, Planning and Construction
- Building Structural
- Condition Assessments and Renovations
- Landscape Architecture
- LEED Design and Certification
- Mechanical HVAC
- Audits, Conservation, and Sustainability
- Electrical Power and Lighting
- Fire Protection/Life Safety
- Water & Sanitary Sewer Planning and Design
- System Modeling and Master Planning
- Rate Studies and CIP Planning
- Wayfinding
- Parking Lots
- Trenchless Technologies and Rehabilitation



REQUESTED ADDITIONAL DESIGN-RELATED SERVICES INDICATED IN RFQ'S SCOPE OF SERVICES

OLSSON'S MISSION IS SIMPLE:

To help make the communities we touch healthier, safer, and more prosperous, while sustaining the environmental health of our planet for future generations.

Hydrology & Hydraulics Engineering

- Hydrologic and Hydraulic Analysis and Modeling (1D/2D)
- Stormwater Management
- Lake Restoration and Stream Stabilization
- Green Stormwater BMPs and Drainage Design
- Floodplain Conservation and Water Quality Design
- Flood Planning & Control
- Bridges, Dams, Levees & Diversion Channels
- Floodplain Permitting
- Stream Restoration
- Watershed Plans
- Source Water Protection
- NPDES Permitting

Environmental Permitting

- Phase 1 and Phase 2 Site Assessments
- Threatened and Endangered Species Investigations
- Environmental Justice
- 404/401 Permitting
- NEPA Compliance
- Wetland & Stream Permitting/Mitigations

Construction Inspection

Please refer to page 21 for Olsson's detailed services for construction inspection.



Olsson is a Perfect Match for this Project

We feel the Olsson team is the best choice because:

- **YOUR PROJECT IS OUR TOP PRIORITY.**
- Our team can do the work for a competitive price.
- We make decisions in the best interests of our clients.
- We work with integrity - working honestly, decently, and fairly is the Olsson way.
- We have a proven track record of being responsive -- 93 percent of our business in 2022 came from repeat clients.
- 256 Field Operations personnel are available to serve you and can easily respond with appropriate backup staff in the case of death, disability, illness, or separation.
- We are local, which lends to our ability to be responsive to your needs.
- 24-hour turnaround time for most lab testing.
- Olsson has more than ample equipment to outfit dozens of field technicians.
- We listen to our clients.
- Olsson has a solid history of managing large projects with significant DBE participation, while providing responsive service and a quality work product while staying on budget.
- Our plan includes at least 30.7 percent DBE, WBE, and VBE participation.

Our clients hire us for our decisive, practical recommendations for issues on project sites as well our willingness to work with the client to make those decisions.



OLSSON'S PROJECT MANAGEMENT PRINCIPLES

Controlling Costs

Control of project costs is a prime objective for all of Olsson's projects. Olsson clients are understandably concerned that cost control measures be in place for professional fees and construction costs. Failing to do so can ultimately plague a project, regardless of the actual quality of the final product. Olsson staff members are mindful of the available budget amounts and work to provide a project that respects those limitations to every extent possible.

Professional fees are developed based on a detailed scope of services. If you are not able to provide this information, Olsson will develop the scope based on similar work. For each major work task, labor and expenses are assigned based on a clear understanding of project requirements.

Regularly, the project manager will compare reported or observed progress to actual labor and expenses charged to the project to confirm compliance with project goals. Major departures will be addressed and discussed with you, as appropriate.

We strive to produce specifications and drawings as complete and accurate as possible to leave no uncertainties in the minds of bid estimators or contractors during construction. This has resulted in extremely competitive bidding, only minor questions during construction, and on-time completion.

Quality of Work

Olsson has developed a quality control program with two primary areas of emphasis—quality service and technical quality.

Quality Service

We believe that quality service consists of effective communication throughout the project and collaboration with the client and other stakeholders.

Custom-Tailored Services. Jackson County is a unique client with a specific set of desires and expectations. It is important that we develop a thorough understanding of how you want to work on your projects. For this reason, we will foster open communication from project onset through closeout. This will be accomplished through formal meetings and informal phone calls. We will plan an initial meeting to discuss items such as billings, frequency of contact/communication, progress reports, and contractual matters. We will then customize our services to fit your particular needs and budget considerations.

Technical Quality

Technical quality is derived from sound engineering design combined with appropriate staffing and design review for compliance with applicable regulations and Olsson's design standards. Specific components of our technical quality assurance program include:

- **Appropriate Project Staffing.** The staff assigned to a project can be a critical factor in achieving technical quality. Olsson analyzes the project at hand to see that the appropriate staff, with the necessary expertise, will be assigned to the project. This creates the optimum team for the job.
- **Project Review.** The project manager will oversee all project reviews and utilize technical background and experience to see that the following occur:
 - All work elements identified by the reviewer(s) as needing additional consideration are back-checked by the original individual or team. All changes and



questions arising during the review process must be resolved and agreed upon by all persons involved.

- All documents generated during performance of the project are reviewed for changes prior to transmittal and permanent filing.
- **Ability to Meet Schedules & Cost Control.** The interrelationship between schedule and cost control is also important. Key measures the project team will undertake to keep the project on schedule and meet budgeted costs are:
 - Maintaining daily team communications with all staff assigned to the project throughout its duration.
 - Conducting weekly team meetings with key staff members to review schedule, tasks, and man-hours charged to the project.
 - Reviewing bi-monthly reports provided by our accounting staff to compare actual work completed (percent of fee and hours used) to the original schedule and man-hour estimate.
 - Adjusting personnel assignments as required to meet project deadlines or to overcome project delays beyond our control.
 - Keeping your staff informed through monthly invoices and progress reports formatted to meet your needs, including projections of future monthly invoices and completion dates for critical tasks.



Work and Consistent Communication

Olsson will communicate with you on the objectives for completing the project and will coordinate that with Olsson's recommendations/projections for completion time, so that a project timeline can be developed. The main objective in developing a project timeframe will be to meet your desired objectives. Olsson has the local resources to provide enough manpower to meet your objectives for completing projects in a timely manner. Internally, Olsson has regular project planning sessions so that we, as a company, can ensure that enough people, with the appropriate expertise, have been dedicated to your project, so that all timeframe objectives can be met.

In order to establish project timelines, Olsson develops a detailed task list for each project so that specific project requirements can be broken down and tracked throughout the life of the project. Each detailed task is assigned a specific timeframe so that deliverable milestones can be met. This also allows Olsson to communicate regularly with you so that we may keep you informed of project progress and any variations to the project schedule.

Affirmative Action Plan

It is Olsson's policy to provide equal employment opportunities without regard to race, color, creed, sex, age, disability, military service record, religion, national origin, sexual orientation, relationship status, or any other status unrelated to an individual's ability to perform the job and to promote the full utilization of equal employment opportunity through a positive continuing program.

This policy applies to all areas of employment, including recruitment, hiring, training and development promotion, transfer, termination, layoff, compensation, and all other conditions and privileges of employment in accordance with applicable federal, state, and local laws and with the basic dictates of human dignity.

Company Safety Plan

SAFETY IS OUR RESPONSIBILITY & FIRST PRIORITY

Safety is a major priority for you and for Olsson, and as stated earlier, we don't take the subject matter lightly. Olsson will diligently provide our testing and special inspection services, and any other engineering service you may request, to ensure sturdy structures are constructed that meet appropriate regulations and standards. Ultimately, we will do what it takes to ensure your new or existing structures and desired improvements will provide a safe environment for your community and staff.

Our Safety team continues to evaluate and implement procedures that are in the best interest of our employees, our clients, and the company. A few of these procedures include incident safety operating practices, team safety meetings, reintroducing safety committees, job hazard/safety analysis improvements, and documenting information to target areas that need improvement.

In the field, Olsson's construction materials testing and special inspection staff members bring a lot of value to each project. They are present at the project site to make certain the contractors and subconsultants follow the project plan and schedule. They are experienced and can judge the competency of a contractor's workers and have a deep understanding of job site safety. They may even suggest alternative methods to bring down project costs. Possibly the best benefit of having Olsson on your team is that we can find and correct problems before they affect the schedule and completion date. We do what we can to keep the project on target and on budget, while making sure that requirements are being followed.

Our team consists of senior construction management professionals who have provided their specialized services for many years to local and state entities. We assembled this team purposely to provide you with concentrated familiarity, experience, and capacity to manage your construction materials testing and special inspections process.



Olsson Environmental Health and Safety Program

It is the mission of the Olsson Environmental Health and Safety program to promote health, safety, and environmental protection by providing comprehensive programs and services in support of Olsson's mission; providing expertise and resources to maintain regulatory compliance; and protecting Olsson's infrastructure from all types of hazards through a comprehensive risk-based emergency preparedness program.

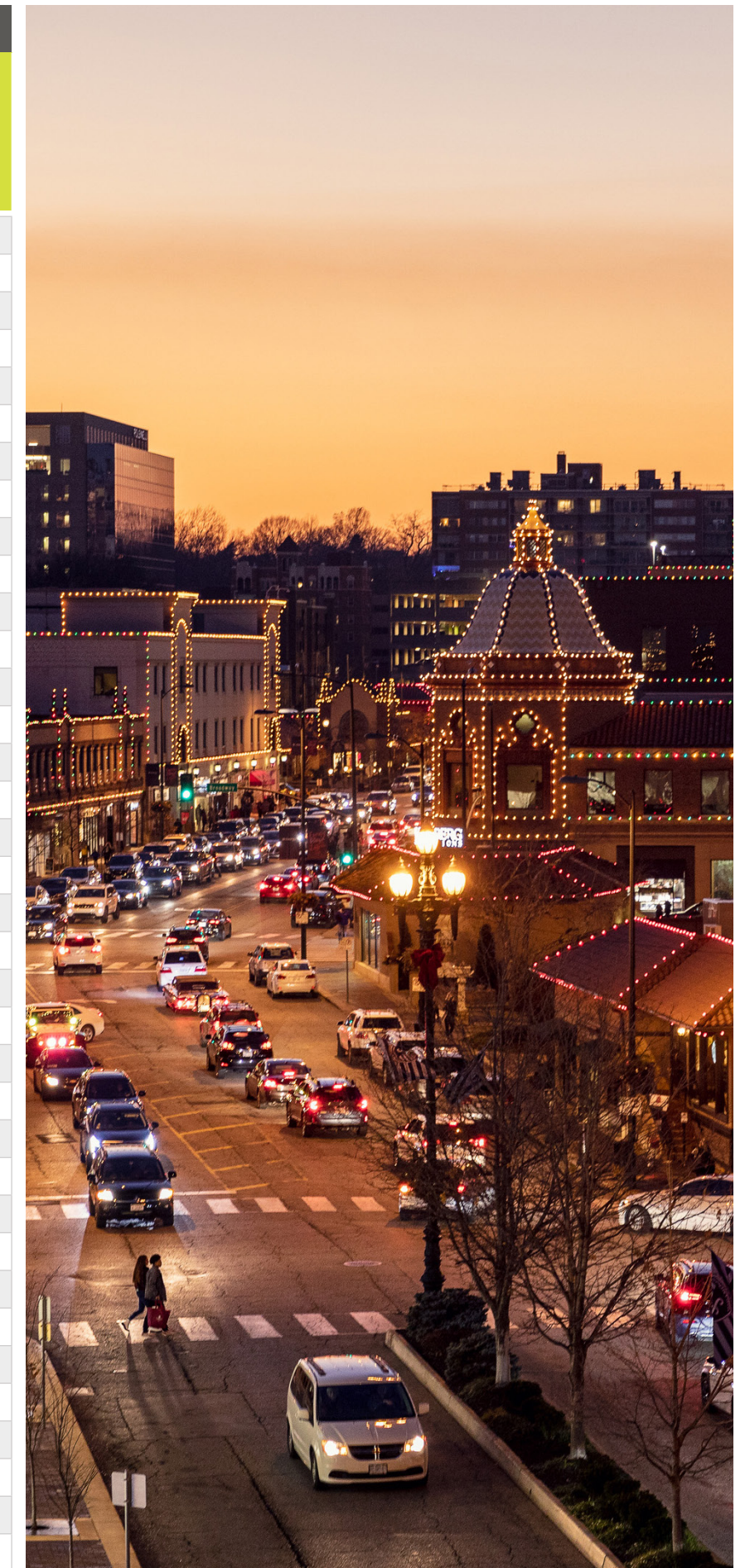
In support of this mission, the Olsson Environmental Health and Safety program is committed to:

- Be a department comprised of individuals committed to our mission and values, and the application for the highest professional practices and standards.
- Evaluate the status of and oversee the compliance of health, safety, and environmental standards, codes, and regulations through inspections and monitoring.
- Partner with technical teams to identify health, safety, and environmental hazards or noncompliance and assist in resolving those issues through education, monitoring, and problem solving.
- Develop and implement new programs to assure Olsson remains compliant with regulations and industry standards.
- Maintain necessary documentation to demonstrate regulatory compliance and responsible actions in health, safety, and environmental activities.
- Provide training in health, safety & environmental matters.
- Demonstrate sound fiscal responsibility and management of budgetary resources.

EXPERIENCE AND REFERENCES

olsson®

Jackson County On-Call Projects Since 2018	SERVICES PROVIDED										
	GEOTECH	TESTING	NDT	ROADS	TRAFFIC	ENVIRONMENTAL	WATER	WASTEWATER	STRUCTURAL	SURVEY	SPECIAL
Longview Lake Metal Golf Building	●	●	●	●					●		
Medical Examiners Office Water Sampling						●					
Blue River Parkway Improvements											Archeology
Hunt Road Bridge		●									
Morris Road Culvert											
Rock Island Shared Use Path		●								●	
RCB Replacement on Buckner Tarsney Rd.	●	●		●	●		●		●	●	
Jackson County DCP Testing		●									
East Cline Road Culvert		●									
Fort Osage Erosion Control	●										
Frank White Complex	●										
2020 Pavement Maintenance	●	●									
Lake Jacomo Campground	●			●			●	●		●	
Spillway Evaluation Jacomo & Prairie	●	●		●			●		●	●	Hydraulics and Hydrology
Courthouse Testing		●									
RCB Replacement on Ryan Road	●			●	●		●		●	●	
Pit Water Sample						●					
LBT Trail Improvements M-7		●									
Phase 1 ESA Review PO 150						●					
Soil Classification		●									
2021 Pavement Maintenance	●	●									
Correctional Center Phase I ESA						●					
Corrections Center Preliminary Geotech	●										
Bridge Replacement on Buckner Tarsney Rd.	●			●	●		●		●	●	
Country Meadows Villas Survey										●	
Correctional Center Wetland Delineation						●					
Jacomo Easment at Little Blue Trace Trail										●	
Floodway Development Permitting						●					
Detention Center Site Service	●	●		●		●	●	●			
Parking Garage Repairs					●				●		
Parks & Rec Drive Lanes Pavement	●	●		●							
Parks & Rec Parking Lot Pavements	●	●									
Frank White Softball Complex Turf		●									
1300 Washington KCMO Phase 1 ESA						●					
Blue Springs Lake Roadway Repairs	●	●		●						●	
RCB Replacement on Sam Peterson Rd.				●	●		●		●		





MoDOT On-Calls

STATE OF MISSOURI

Olsson has been a trusted partner of the Missouri Department of Transportation (MoDOT) since 2001. For those 20+ years, we have performed a variety of engineering design projects requiring construction inspection, construction management, and materials testing. As a firm that has been selected for multiple three-year contracts, Olsson proudly provides our current on-calls for MoDOT through 2026. These include:

- Construction Materials Testing & Inspection
- Bridge Design
- Environmental - Endangered Species
- Environmental - NEPA
- Environmental - Wetlands
- Roadway Design
- Surveying
- Traffic Engineering
- Traffic - Electrical Engineering
- Traffic - ITS Management & Design
- Traffic - Safety Data Analysis
- Utility Accommodation & Coordination

Our team has completed numerous projects across the state for MoDOT. A few recent examples include:

MODOT ROUTE 19 2 ARCH BRIDGES REHAB STUDY

MoDOT retained Olsson as part of an engineering team to perform a structural health inspection and conceptual alternatives study for repair or replacement of two concrete arch bridges that carry Missouri Route 19 over the Current River and Spring Valley. These bridges are in Round Spring National Park in southern Missouri and required coordination with NPS staff members. Olsson completed inspections and evaluated the condition of the structures. The design teams studied retrofit alternatives, and prepared bridge replacement alternatives. Our team vetted access solutions with local large bridge contractors to discuss preferences and equipment limitations to ensure anticipated costs for causeway construction and heavy equipment mobilization were captured.

PROJECT REFERENCE: Pete Berry, PE | *MoDOT* 573.472.5333 | chris.berry@modot.mo.gov

MODOT REPUBLIC ROUTE MM WIDENING

As a part of constructing a new Amazon distribution facility, Olsson was tasked with engineering design, surveying, and construction inspection and materials testing services for roadway upgrades for Route MM. A comprehensive traffic impact study was completed, which determined the need for widening Route MM to a 3-lane section with shoulders, auxiliary turn lanes at the James River Freeway interchange and site drives, and three new traffic signals with turn lanes. The widening and overlay of approximately 2,300 feet of Route MM involved planning for future expansion to 5-lane section, a crown shift, and cross slope correction. Olsson completed survey and design for the project in six months. Olsson then was contracted to provide construction inspection services, which help provide a smooth transition from design to construction. This allowed for construction to be substantially completed within less than one year of the Notice to Proceed to start design.

PROJECT REFERENCE: Theresa Nixon | *MoDOT* | 417.766.3847 | teresa.nixon@modot.mo.gov

MODOT & ARDOT, I-49 BELLA VISTA BYPASS

Bella Vista, Arkansas, had eagerly awaited the completion of a bypass designed to connect Missouri and Arkansas. The Bella Vista bypass now provides a smooth flow of traffic for Interstate 49, detouring around the increasingly dense center of Bella Vista. Contractor Emery Sapp & Sons turned to Olsson to provide vital third-party inspections and materials testing for the north and south Arkansas portions of the bypass. Olsson provided crucial materials testing to help lay the foundations of the new interstate. Olsson's services for this portion of the project involved testing all soils, structural fills and structural backfills, base rock, and concrete for the bypass and primary interchanges, including multiple bridges and overpasses. Certified Olsson technicians provided complete field and lab testing services for all of these materials. Olsson also provided rock gradation surveying and evaluation for all parts of the bypass.

PROJECT REFERENCE: Jason Eldredge | *Emery Sapp & Sons* | 479.531.2235 | jason.eldredge@emerysapp.com

MODOT 17TH STREET BRIDGE OVER UPRR

Olsson was selected by the City of Trenton, Missouri, to provide engineering services to replace the 17th Street Bridge over Union Pacific Railroad. This city-led project consisted of a partnership with MoDOT Multimodal and UPRR for replacement of the structure. Olsson provided preliminary and final design for the roadway approaches, bridge, survey, traffic control, intersection design, utility relocations, public involvement, as well as right-of-way services. The new three-span prestressed girder bridge was configured for a thirty foot roadway, two pedestrian sidewalks, barriers, and collision walls. This project utilized a mix of local, CDBG, state, private, and federal funding and capitalized on securing additional state and private funding by closing two rural at-grade crossings.

PROJECT REFERENCE: Ron Urton |
City of Trenton | 660.359.2013 | rurton@trentonmo.com



Leavenworth County On-Call Services

LEAVENWORTH COUNTY, KANSAS

August 2019, Leavenworth County, Kansas, abruptly lost their Public Works Director/County Engineer and were in need of an experienced consulting firm that could help oversee their department and manage projects. Leavenworth County reached out to Olsson's Senior Engineer Mitch Pleak, who serves on our Kansas City North General Civil team. Mitch's daily tasks included providing support to and mentoring staff, planning and zoning reviews, traffic impact study reviews, bridge and other structural reviews, writing policies, inspections, generating a CIP, estimating, bidding, managing consultants, negotiating contracts, and grant applications. With his previous experience as the Planning Director and City Engineer for Basehor, Kansas, for six years and heavy highway construction experience, Mitch was the right person to take the lead assisting Leavenworth County for Olsson. He has overseen (and self-performed a portion) 3,900 man-hours as a part of this on-call contract including being on site for two days a week in the County offices for approximately eight months. Mitch attributed this successful partnership to frequent communication with the Leavenworth County's staff (almost daily) and keeping things simple. Olsson disciplines utilized included survey, general civil, structural, water resources, traffic, geotechnical, inspection services, and transportation.

PROJECT REFERENCE: Bill Noll, PS MPA CPM CFM |
Leavenworth County | 913.684.0470 |
bnoll@leavenworthcounty.gov

Shawnee Geotechnical, Materials Testing, and Inspection Support Services for Stormwater Projects

SHAWNEE, KANSAS

A growing city such as Shawnee consistently faces stormwater infrastructure in need of improvement or maintenance to maximize its lifespan. To best serve Shawnee and its residents, the City of Shawnee needed a diligent, flexible, and skilled consultant to develop appropriate solutions. Olsson has been that long-standing partner to the city since 2010, serving each year as an extension of the city's stormwater staff by providing stormwater, geotechnical, materials testing, surveying, Geographic Informational Systems, special inspection, and construction management services.

Over the years, Olsson has performed detention and inlet inspections, floodplain mapping and evaluation, water quality design review, drainage evaluation and design, erosion control plan reviews, and construction inspection.

Through this extensive time working with city staff members and designing improvement projects within the city, Olsson has developed a keen understanding of the processes, needs, and strengths of the city. We will continue to apply the client service processes that have worked in the past and apply lessons learned to continue to improve our service going forward.

PROJECT REFERENCE: Cynthia Moeller-Krass, City of Shawnee, Kansas | 913.631.2500 |
cmoeller-krass@ci.shawnee.ks.us

Mission On-Call Geotechnical, Materials Testing, and Inspection Services

MISSION, KANSAS

For the past three years, Olsson has been providing on-call geotechnical, materials testing, and inspection services for the City of Mission. Example projects include Lamar Bike Lanes; Reeds Road RCB Repairs; West 50th and Dearborn Stormwater Repairs; 2021 and 2022 Street Preservation Projects; Johnson Drive from Lamar to Roe; 51st and Dearborn Sidewalks; etc. Our total fees for these three years was \$874,951, which is indicative of the extensive services we provided the City of Mission.

PROJECT REFERENCE: Brent Morton | 913.676.8380 | bmorton@missionks.org

2021 On-Call Infrastructure Inspections

INDEPENDENCE, MISSOURI

The City of Independence selected Olsson for design and construction management services for the city's 2021 infrastructure improvement program. Olsson completed services on six projects during the 2021 construction season. The projects included civil design, geotechnical design, and construction management for streambank stabilization, replacement of culverts, sanitary, and storm sewer, and a box culvert bridge. During construction Olsson completed review of traffic control, SWPPP installation, material deliveries, stakeholder coordination, communication with residents, and daily construction activities for each project were completed in electronic digital diaries. All projects were inspected and constructed per city of Independence and APWA specifications.

The Trenchard Stream Bank Stabilization project was awarded the best APWA KC Metro Chapter: Stormwater Emergency Repair Project for 2021. The project stabilized a stream channel that had encroached into the backyards of residents. The slope was regraded, rip rap placed, and a new 54-inch RCP and toe wall were installed to complete the stabilization. The Moore and Spring, Truman and Yuma, and Walnut Gardens projects were also completed with installation of new storm sewer and storm water conveyance structures due to failure of the existing historic systems.

ARROWHEAD: SANITARY SEWER REPLACEMENT.

Olsson inspected and documented the installation of 300 LF of 24" steel casing by jack and bore through soft bedrock. The project required the installation of 456 LF 12" PVC SDR 12", 300 LF SDR, placement of 3 new manholes, and realignment of a city waterline and new valves.

SCOTT AVE: BRIDGE REPLACEMENT WITH TWO SPAN-RCB

The bridge at Scott Avenue and 24th Street had been closed for two years due to dangerous conditions of the structure was demolished and replaced by a double box culvert and bridge deck. The project required the realignment of existing utilities and installation of additional storm sewer inlets in conjunction with the new box culvert installation. The project was complicated by requiring the diversion of the existing waterway during the construction period and utility by-pass pumping during the sanitary sewer realignment.

PROJECT REFERENCE: Michael Winckler, PE | 816.325.7619 | mwinckler@indepmo.org





JOHNSON COUNTY COURTHOUSE TESTING

Olathe, Kansas

Materials testing and special inspections are crucial to the building process, as they ultimately ensure the safety and longevity of the final building site. Olsson took on this crucial role for one of Johnson County's most anticipated projects – the new seven-story, \$182 million courthouse in downtown Olathe.

After decades of residing in an inaccessible, overcrowded office building, the Johnson County district courts system now has a new space funded by a county-wide sales tax increase. The ADA-compliant, energy-efficient facility was built across the street from the former courthouse and benefits from a lowered cost of overall maintenance. Security was amped in the new facility, with the existing underground tunnel extended to transport inmates from the Johnson County Sheriff's Office Central Booking Facility across the street.

The facility was built to last the better part of a century and to accommodate the county's projected growth of 10,000 residents each year. The 350,000-square-foot courthouse opened in early 2021, encompassing increased safety, security, and public convenience.



DATES

2018 - 2020

CONSTRUCTION COST \$182M

SERVICES

- Special Inspections
- Non-Destructive Testing

MARKETS

- Land & Facilities
- Local Government

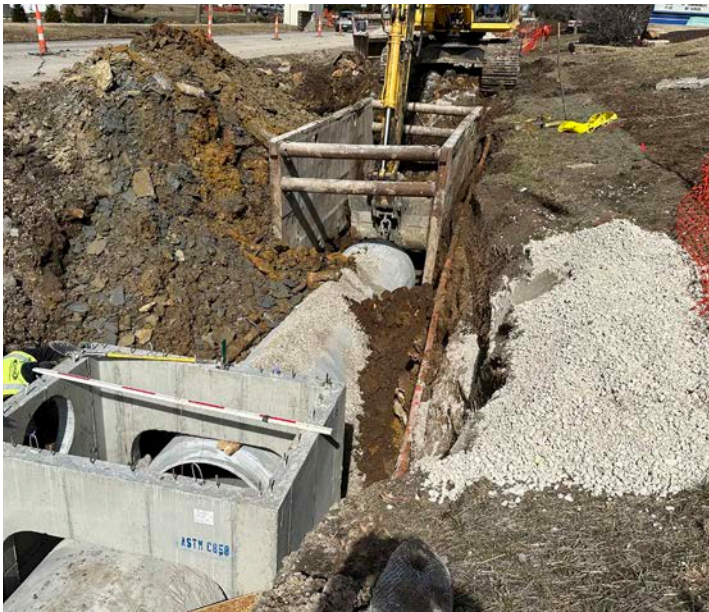
PROJECT REFERENCE

Brad Reinhardt

Director of Facilities

913.715.1100

brad.reinhardt@jocogov.org



MISSION ROAD INSPECTION & TESTING

Leawood, Kansas

IMPROVEMENTS TO SAFETY FUNCTIONALITY

Olsson was chosen by the City of Leawood to provide construction inspection and materials testing services for the \$7M project that aims to improve 1.1 miles of Mission Road, stretching from 133rd south to just north of 143rd Street. With the city experiencing growth, it was necessary to modify the road to enhance safety and functionality, especially with the expected increase in daily traffic in the coming years. The project involves the addition of two travel lanes with turn lanes, new sidewalks, and a multi-use trail on both sides of the road. Other improvements include enclosed storm drains, curbing, culverts, landscaping, and facilities for pedestrians and cyclists. The project was a joint effort with the Kansas Department of Transportation (KDOT) and was completed in 2023. These enhancements to Mission Road will promote safer travel for vehicles, bicyclists, and pedestrians.



DATES

2022 - 2023

SERVICES

- Special Inspections
- Materials Testing

MARKETS

- Land & Facilities

PROJECT REFERENCE

John Westbrook, PE

Engineering Supervisor

jwestbrook@leawood.org

913.663.9138



KENNETH ROAD BRIDGE

Kansas City, Missouri

REOPENING A CONNECTION BETWEEN MISSOURI AND KANSAS

The old Kenneth Road bridge was once a Bailey bridge located at the border of Missouri and Kansas. This new structure will connect Kansas City to Johnson County and Olsson couldn't be more excited to provide construction observation services for this project.

As a connector of Kenneth Road and 151th over the Blue River, planned roadway improvements include adding a line for a two-lane bridge, besides reopening this connection between Missouri and Kansas.

Scope of our services include performing pre-construction review of plans, quantities, and specifications; providing daily construction inspection/documentation, taking charge for daily administration of project, when required; serving as the point of contact between the business/property owners affected by construction and KCMO; helping facilitate the coordination of utilities, when required; being on-site when the contractor is working, providing daily observation of the contractor, and notifying the contractor when deficiencies are observed; compiling a diary and field documentation; reporting to city, giving opinions and suggestions based on the observations regarding defects or deficiencies in the contractor's work and relating to compliance with plans, specifications, and design concepts; and, assisting with verification of pay requests.

DATES

2021

SERVICES

- Construction Inspection
- Special Inspections

MARKETS

- Field Services

PROJECT REFERENCE

Kim Pemberton

Project Manager

816.513.2741

kim.pemberton@kcmo.org



Construction Site

LIBERTY COMMERCE CENTER

Liberty, Missouri

NEW COMMERCE CENTER HOSTS MAJOR COMPANIES

A new industrial park was developed in Liberty, Missouri. The project, known as the Liberty Commerce Center, is a 341-acre site south of South Liberty Parkway and S Withers Road. The development consists of eight industrial buildings totaling an approximate 3.5 million square feet. Two major companies, Amazon and Walgreens, will house their facilities at the Liberty Commerce Center with Amazon operating out of two of the buildings. It is expected that approximately 3,000 new jobs will be brought to the Liberty Commerce Center.

Olsson was selected for the project to provide special inspections and construction materials testing for the project. Construction observation and testing services were requested for fill placement, utility trench backfill, foundation bearing materials, reinforced concrete, floor flatness, structural masonry, structural steel, tilt-up concrete wall erection, asphaltic concrete pavements, and settlement monitoring. The buildings are on shallow foundations and are steel framed with tilt-up concrete walls. Fills up to 30 feet in depth were required to establish the grades for the buildings; therefore, settlement monitoring was required for some of the buildings. Due to building schedule deadlines, rammed aggregate piers were used to support the foundations in some of the deeper fill areas to reduce the construction delays while the settlement monitoring was being performed.

The development will be completed at the end of 2023.



Construction Site

DATES

2021 – 2023

CONSTRUCTION COST \$400M

SERVICES

- Special Inspections
- Materials Testing

MARKETS

- Land and Facilities

PROJECT REFERENCE

Derek Schoeneberg

NorthPoint Development

816.888.7380

dschoeneberg@northpointkc.com



KUM & GO SERVICES

Nationwide

WORKING AROUND THE COUNTRY FOR KUM & GO

Our relationship with Kum & Go began in 2010 after working with Henning Construction, the client's general contractor and construction management team.

In recent years, we aimed to establish and maintain relationships with the client by showcasing the firm's full-service advantages. For Kum & Go, it was essential to hire engineers who can do it all – from surveying to land development to special inspections materials testing, geotechnical and construction services. What began as a homegrown Iowa collaboration has since evolved into a national endeavor of business expansion, both for the convenient store chain and for us.

We are completing about 70 percent of Kum & Go's projects in 10 states: Arkansas, Colorado, Iowa, Missouri, Montana, Nebraska, North Dakota, Oklahoma, South Dakota, and Wyoming. Further, we are providing special inspection oversight for 100 percent of Kum & Go's construction projects. With the chain aiming to build an average of 25 stores each year, our service provisions are sure to remain constant in upcoming years.

DATES

Ongoing

SERVICES

- Materials Testing
- Special Inspections
- Geotechnical
- Technology
- Surveying
- Construction Management
- Transportation Planning
- Civil Engineering

MARKETS

- Commercial

PROJECT REFERENCE

Ryan Halder

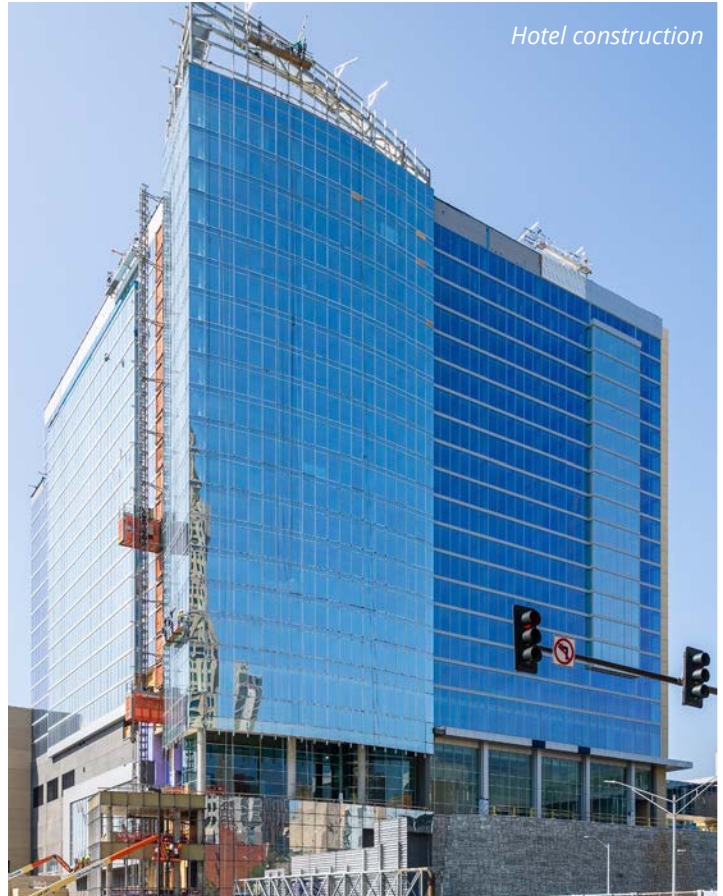
Site Development Manager

515.457.6232

RJH@kumandgo.com



Hotel construction



Hotel construction

LOEWS KANSAS CITY CONVENTION CENTER HOTEL

Kansas City, Missouri

GENERATING THE ADDITIONAL FACILITIES KANSAS CITY NEEDED FOR PREMIER EVENTS

Previously, the City of Kansas City, Missouri, never had enough meeting and hotel space to book large conventions or secure the Super Bowl. But now, that has all changed. With the addition of the \$300 million, 800-room Loews Kansas City Convention Center Hotel, the city now finally has the additional facilities it needs to host national events.

During construction, Olsson was responsible for reviewing the city plans thoroughly and providing adequate information concerning the required testing, inspections, and geotechnical analysis. The hotel connected to the Kansas City Convention Center via walkway above Wyandotte Street.

Having completed several types of similar projects in Kansas City, our engineers successfully fulfilled the city's standards for construction projects. The hotel opened to guests in 2020.

DATES

2017 – 2020

CONSTRUCTION COST \$300M

SERVICES

- Geotechnical
- Materials Testing
- Non-Destructive Testing

MARKETS

- Commercial

PROJECT REFERENCE

Tim O'Byrne

Hotel Developer

303.410.5050

tobyrne@ipcompanies.com

RESUMES OF KEY PERSONNEL

olsson®

BRYAN JOHNSON, PE

Client Manager

Technical Leader | Field Operations

EXPERIENCE SUMMARY

Bryan is a Technical Leader of our Field Operations team. Bryan has nearly three decades of experience managing materials testing, special inspections, and geotechnical engineering projects. In his current role, Bryan provides proposal writing and project management for large projects not only in the Kansas City metropolitan area but also throughout the company.



PROJECT EXPERIENCE

- Jackson County, Correctional Center; Kansas City, MO
- Jackson County, 2022 On-Call Geotechnical Services; Jackson County, MO
- Jackson County, Medical Examiner Waste; Kansas City, MO
- Jackson County, On-Call Wastewater; Jackson County, MO
- Jackson County, Phase I ESA; Kansas City, MO
- Jackson County, Tarsney Lake Spillway R18-18970; Buckner, MO
- City of Olathe, On-Call Construction and Inspection Services; Olathe, KS
- Kansas Department of Transportation, 143rd Street Over Captain Creek; Johnson County, KS
- Gradeco Construction Co, 2010 On-Call Services; Lee's Summit, MO
- City of Overland Park, Bank Demolition at 5251 Johnson Drive; Overland Park, KS
- Kansas State University, Tower Crane Auger Cast Piles; Manhattan, KS
- Wendy's International Inc, Wendy's at 91st Street and Metcalf Avenue; Overland Park, KS
- Launch Development Inc, Manor Homes of Prairie Trace; Overland Park, KS
- NorthPoint Development, Horizons Public Street and Pond Liner Installations; Riverside, MO
- KSI Construction Management, Famous Dave's Bar-B-Que; Overland Park, KS
- Excel Development Group, Scenic Point Apartments; Manhattan, KS
- Briarcliff Development Company LLC, Riverfront Public Improvements; Kansas City, MO
- Hearthview Residential, Prairiefire Apartments Construction Observation and Testing; Overland Park, KS
- Price Development Group, Coffee Creek Second Plat, 167th Street and Antioch Road; Overland Park, KS
- O'Reilly Auto Enterprises LLC, O'Reilly Auto Parts; Olathe, KS

EDUCATION

- B.S., Civil Engineering, University of Kansas
- M.S., Civil Engineering, Kansas State University

PROFESSIONAL REGISTRATIONS

- Professional Engineer: MO, KS

OLSSON EXPERIENCE

- 2010 to Present

OVERALL EXPERIENCE

- 1995 to Present

GRANT LUCKENBILL, PE

Senior Engineer | Roads and Bridges

EXPERIENCE SUMMARY

With industry experience in bridge and retaining wall design, Grant is a member of Olsson's Bridge Structural team. He has been involved with many projects as a project manager, task leader, production engineer, and QC resource from the conceptual and feasibility stages throughout construction phase engineering. Grant possesses a strong commitment to developing and nurturing relationships with clients and fellow employees.



PROJECT EXPERIENCE

- Jackson County, Ryan Road RCB Replacement; Blue Springs, MO
- Jackson County, Correctional Center; Kansas City, MO
- Jackson County, Tarsney Lake Spillway Inspection; Buckner, MO
- Jackson County, Spillway Bridge; Buckner, MO
- City of Harrison, Goblin Drive with Bridge Replacement; Harrison, AR
- National Park Service; Four bridges on Ohio and Erie Canal with trail and bridge engineering services; Cuyahoga National Park, OH
- City of Springfield, Main Street Bridge Replacement; Springfield, MO
- City of Trenton, Bridge over Union Pacific Railroad; Trenton, MO
- Riley County, McDowell Creek Road and Bridge; Manhattan, KS
- City of Anderson, Bridge Inspections; Anderson, MO
- City of Raytown, 83rd Street Bridge Replacement; Raytown, MO
- City of Anderson, Bridge Inspection; Anderson, MO
- City of Kansas City, U.S. Highway 350 and Noland Road; Kansas City, MO
- City of Trenton, 17th Street Bridge Replacement; Trenton, MO
- City of Lee's Summit, Tudor Road Improvements Lee's Summit, MO
- City of Springfield, Scenic Bridge Over Wilsons Creek; Springfield, MO
- City of Overland Park, Structural Engineer for 2019 Major Stormwater Repair; Overland Park, KS
- City of Shawnee, Structural Engineer for North Stormwater Improvements; Shawnee, KS
- City of Springfield, Structural Engineer for Jordan Creek Renewal; Springfield, MO
- City of Gardner, Gardner Lake Spillway; Gardner, KS
- City of Overland Park, Monitor Square Storm Drainage Improvement; Overland Park, KS
- City of Lenexa, Clear Creek Stormwater Facility, Lenexa, KS

EDUCATION

- M.S., Civil Engineering, University of Missouri-Columbia
- B.S., Civil Engineering, University of Missouri-Columbia

PROFESSIONAL REGISTRATIONS

- Professional Engineer: AR, MO, KS

OLSSON EXPERIENCE

- 2013 to Present

OVERALL EXPERIENCE

- 2008 to Present

JAMES LANDRUM, PE

Technical Leader Engineer | Geotechnical

EXPERIENCE SUMMARY

James is responsible for client development and serves as a client manager, coordinating geotechnical projects between several offices. Completing geotechnical reports requires close coordination with other disciplines and other firms. He directs staff engineers in completion of assignments, which includes bridges, roadways, schools, industrial and commercial buildings, dams, and retaining structures.

PROJECT EXPERIENCE

- Jackson County, Correctional Center; Kansas City, MO
- Jackson County, 2022 On-Call Geotechnical Services; Jackson County, MO
- Jackson County, Frank White Complex Improvements; Lee's Summit, MO
- Jackson County, Frank White Complex Parking Lot; Lee's Summit, MO
- City of Overland Park, Blue Valley Nature Park; Overland Park, KS
- City of Springfield, Close Park Final Design; Springfield, MO
- CB Richard Ellis, United Rotary Brush, Dock Areas, and Parking Lot; Lenexa, KS
- Dillards, Parking Garage on Ward Parkway; Kansas City, MO
- City of Lincoln, 7th & O Parking Garage; Lincoln, NE
- McCown Gordon, Prairiefire Parking Garage Temp Rock Excavation; Overland Park, KS
- State of Missouri, Columbia Veterans Affairs Parking Garage; Columbia, MO
- State of Kansas, Forest Service Parking Lot Rehabilitation; Manhattan, KS
- Central States Construction, Summit Village North Master Plan Phase II ESA Geotech; Lees Summit, MO
- City of Kansas City, Highway 169 Interchanges at 96th and 108th Streets; Kansas City, MO
- Kansas Department of Transportation, KLINK Highway 59 Near Highway 400; Parsons, KS
- City of Lee's Summit, Tudor Road; Lee's Summit, MO
- City of Manhattan, McDowell Creek Road; Manhattan, KS
- City of Overland Park, Turkey Creek Hike and Bike Trail; Overland Park, KS



EDUCATION

- B.S., Civil Engineering, Purdue University
- M.S., Civil Engineering, Purdue University

PROFESSIONAL REGISTRATIONS

- Professional Engineer: CO, IA, KS, TN, SD, MD, MO, NE, TX

OLSSON EXPERIENCE

- 2010 to Present

OVERALL EXPERIENCE

- 1994 to Present

IAN DILLON, PE

Senior Engineer | Field Services

EXPERIENCE SUMMARY

Ian has multi-faceted geotechnical engineering experience, including investigation of existing subsurface conditions and materials, laboratory analysis and data computation, and report compilation. Ian's design experience includes shallow, intermediate, and deep foundation systems, seepage and slope stability analysis, soil remediation, estimation of settlement, and pavement design.

PROJECT EXPERIENCE

- Jackson County, 2018 On-Call Geotechnical Services; Jackson County, MO
- Jackson County, Frank White Complex Parking Lot; Lee's Summit, MO
- Jackson County, Parks and Rec Drive Lanes; Jackson County, MO
- City of Kansas City, Mission Lake Improvements; Kansas City, MO
- City of Lee's Summit, On-Call Water and Sewer Investigation; Lee's Summit, MO
- PWS No. 1, Well House & Tank Improvements; Various Locations, MO
- Ozark Water, System Storage Improvements Phase 2; Ozark, MO
- Lake Winnebago, Sewer Inspections; Lake Winnebago, MO
- City of Richmond, Wastewater Treatment Plant Stabilization; Richmond, MO
- City of Maryville, Elevated Water Storage Tank; Maryville, MO
- City of St. Joseph, Easton Road Pump Station; St. Joseph, MO
- City of Springfield, Blackman Woods Sanitary Extension; Springfield, MO
- City of Overland Park, 167th St. Bridges over Coffee Creek; Overland Park, KS
- City of Mission, On-Call Engineering; Mission, KS
- City of Lee's Summit, Tudor Road Construction Services; Lee's Summit, MO
- City of Belton, Mullen Road to N Cass Parkway Design; Belton, MO
- Missouri Department of Transportation, Madison County Route Z and Route CC Bridge; Madison County, MO
- City of Kansas City, Troost Pedestrian Bridge; Kansas City, MO
- City of Kansas City, North Brighton Avenue Design; Kansas City, MO
- City of Overland Park, Turkey Creek Bike/Hike Trail; Overland Park, KS



EDUCATION

- B.S., Civil Engineering, University of Missouri-Kansas City

PROFESSIONAL REGISTRATIONS

- Professional Engineer: KS, MO, AR, OK, TX

CERTIFICATIONS/TRAINING

- Nuclear Gage Training
- OSHA 10-Hour Safety Certification
- UPRR and BNSF Railroad Safety Certification

OLSSON EXPERIENCE

- 2007 to Present

OVERALL EXPERIENCE

- 2007 to Present

DYLAN SILEO

Construction Materials Testing Laboratory Manager

EXPERIENCE SUMMARY

Dylan is currently laboratory manager of Olsson's AASHTO and USACE certified soils and construction materials laboratory.

Dylan's responsibilities include managing two lab technicians, coordinating daily lab operations, overseeing the equipment calibration program, handling billing for laboratory services, and completing quality assurance of laboratory operations.



PROJECT EXPERIENCE

- Jackson County, Correctional Center; Kansas City, MO
- Jackson County, Courthouse Testing; Kansas City, MO
- Jackson County, 2022 On-Call Geotechnical Services; Jackson County, MO
- Jackson County, Frank White Complex Improvements; Lee's Summit, MO
- Jackson County, Frank White Complex Parking Lot; Lee's Summit, MO
- Jackson County, Parks and Rec Drive Lanes; Jackson County, MO
- Jackson County, Tarsney Lake Spillway R18-18970; Buckner, MO
- Jackson County, Pavement Testing; Kansas City, MO
- Jackson County, Soil Classification; Sibley County, MO
- City of Leawood KS, Leawood KS Tomahawk Creek Parkway College to Roe; Leawood, KS
- City of Lee's Summit MO, Lee's Summit MoDOT M291 Interchange with Hwy US 50; Lee's Summit, MO
- City of Basehor KS, Basehor KS Reconstruction and Modernization of 155th Street; Basehor, KS
- City of Lenexa KS, Lenexa KS Pavement Reconstruction Program Assessment; Shawnee Mission, KS
- Missouri Department of Transportation, MoDOT Cass County J4P3488 Route 291 Roundabout; Cass County, MO
- City of Olathe, Black Bob Road 159th to 167th Street Improvements; Olathe, KS
- City of Lee's Summit, Browning Street Extension Project; Lee's Summit, MO
- City of Gardner, 167th Street, Center Street to Moonlight Road; Gardner, KS

CERTIFICATIONS/TRAINING

- KDOT Certified Inspector No. 3915 Basic Inspection
- Aggregate Field Tester
- Aggregate Lab Technician
- Soils Field Tester
- Nuclear Moisture Density Gauge Tester
- MoDOT Certified Technician: Aggregate Technician
- HMA Aggregate Technician
- ACI Concrete Field Testing Technician – Grade I
- ACI Concrete Strength Testing Technician
- ICC Reinforced Concrete Special Inspector
- ICC Soils Special Inspector
- ICC Structural Masonry Special Inspector
- Nuclear Gauge Safety Training
- OSHA 30-Hour Safety Certification

OLSSON EXPERIENCE

- 2007 to Present

OVERALL EXPERIENCE

- 2007 to Present

JONATHAN LAMANES, PE

Construction Materials Testing Manager | Field Services

EXECUTIVE SUMMARY

Jonathan uses his engineering background to manage and complete special inspections. He oversees the day-to-day operations, guiding technicians to follow the project specifications. Jonathan also reports to clients, giving updates on projects and managing a project team.

PROJECT EXPERIENCE

- Jackson County, Ryan Road RCB Replacement; Blue Springs, MO
- Jackson County, Pavement Maintenance; Jackson County, MO
- Jackson County, 2018 On-Call Geotechnical; Jackson County, MO
- City of Trenton MO, Trenton Airport Taxiway & Apron; Trenton, MO
- City of Trenton MO, Trenton Airport Reconstruct Apron and Taxiway; Trenton, MO
- Miami County KS, Miami County Airport Partial Parallel Taxiway; Paola, KS
- Clancy & Theys Construction Company, Clancy Theys Highway HH Improvements; Warrensburg, MO
- City of Manhattan KS, Manhattan Casement Rd Bridge at Marlatt; Manhattan, KS
- City of Raytown MO, Raytown 83rd Street Bridge Replacement; Raytown, MO
- Missouri Department of Transportation, MoDOT Madison Co Route Z & Route CC; , MO
- City of Trenton MO, Trenton MoDOT 17th St Bridge Replacement; Trenton, MO
- Union Pacific Railroad, UPRR Br 190.68 River Sub Nelson MO; Nelson, MO
- BNSF Railway Company, BNSF Br 7100-22.5 Emporia Sub; Olathe, KS
- Union Pacific Railroad, UPRR KC Metro Drainage Evaluation Improvements; Kansas City, MO
- GFI Capital Resources Group Inc, GFI Aryeh Mission Gateway Ph I Public; Mission, KS
- NorthPoint Development, NorthPoint Roadway Extension; Riverside, MO
- City of Richmond MO, Richmond Ridgeway Drive Road Options; Richmond, MO
- City of Overland Park KS, Overland Park KS Quivira Rd 159th to 179; Overland Park, KS



EDUCATION

- B.S., Civil Engineering, University of Missouri-Kansas City
- A.A.S., Engineering, Metropolitan Community College

PROFESSIONAL REGISTRATIONS

- Professional Engineer: MO

CERTIFICATIONS/TRAINING

- OSHA 30

OLSSON EXPERIENCE

- 2013 to Present

OVERALL EXPERIENCE

- 2013 to Present

JEFF EDSON, PG

Office Leader

EXPERIENCE SUMMARY

Jeff's expertise can help you ensure your project starts with a solid foundation. He has managed construction materials testing and geotechnical field exploration including drilling operations for geotechnical projects and hazardous, toxic and radioactive waste sites. His extensive experience includes management of subsurface investigations for a wide variety of site conditions, borehole logging, sample preservation, field area reconnaissance, geological surveys, and geologic mapping field areas.

PROJECT EXPERIENCE

- Jackson County, Parks and Rec Drive Lanes; Kansas City, MO
- Kansas Department of Transportation, Lighting Inspection 6011; Ogallah, KS
- Neighborhood Painting & Restoration Inc, Sanitary Inspection Services; Kansas City, KS
- Kansas Department of Transportation, Lighting Inspection 6014; Ogallah, KS
- Barge Design Solutions Inc, Project Velvet Utility Observation; Kansas City, MO
- Kansas Department of Transportation, On-Call Construction Inspection Reno County; , KS
- City of Leawood, Mission Road from 143rd to 133rd Construction Inspection; Leawood, MO
- Kansas Department of Transportation, KA-6494-01 Construction Inspections for Sidewalks; Various Locations, KS
- Kansas Department of Transportation, Lighting Inspection 6012; Oakley, KS
- Kansas Department of Transportation, Lighting Inspection 6013; Goodland, KS
- Colorado State University, Translational Medicine Institute Construction Materials Testing; Fort Collins, CO
- JE Dunn Construction, Colorado State University TMI Foundation Integrity Testing; Fort Collins, CO
- Metropolitan State University, Aerospace Engineering Building; Denver, CO
- Jefferson County School District, Elk Creek Elementary Pavement Evaluation; Pine, CO
- Colorado Mesa University, Garfield Residence Hall Phase III Geotechnical Investigation; Grand Junction, CO
- Colorado Mesa University, Nursing Facility Geotechnical Investigation; Grand Junction, CO
- Colorado Mesa University, Band Storage Locker; Grand Junction, CO



EDUCATION

- M.S., Structural Geology, University of Missouri
- B.S., Geology, Northwest Missouri State University

PROFESSIONAL REGISTRATIONS

- Registered Geologist: KS

CERTIFICATIONS/TRAINING

- OSHA 30-Hour
- KDOT LPA Program Management
- Burlington Northern Santa Fe Railroad Contractor Safety Orientation
- Union Pacific Railroad Safety Contractor Orientation
- Railroad Education Roadway Worker Protection
- E-Railsafe Contractor Safety Orientation
- Nuclear Gauge
- Concrete Pavement Inspection
- ACI, Field, Level I & II
- OSHA 40-Hour HAZWOPER
- QC/QA Concrete, KDOT
- CAPA Level A & B

OLSSON EXPERIENCE

- 2014 to Present

OVERALL EXPERIENCE

- 1992 to Present

TYLER FADLER, EIT

Construction Administration Manager | Field Services

EXPERIENCE SUMMARY

Tyler has worked in the engineering industry for more than 20 years and has experience with project management, geotechnical services, and construction materials testing (CMT). He prides himself on client service, employee development, problem-solving, and being willing to take on new challenges and roles.

PROJECT EXPERIENCE

- Leavenworth County, On-call Engineering Services; Basehor, KS
- Superior Bowen Asphalt, Central Bank Sporting Complex; Kansas City, MO
- DLR Group, Overland Park Arboretum and Botanical Gardens Improvements; Overland Park, KS
- VanTrust Real Estate, New Century Air Center Planning Services; New Century, KS
- Leavenworth County, On-call Fiber Optic Network Task Order No. 2; Leavenworth, KS
- City of Shawnee, On-call 2022 Stormwater Management Program; Shawnee, KS
- ESI Contracting Corp, Corp On Call Testing Services; Manhattan, KS
- Barge Design Solutions Inc, Project Velvet Utility Observation; Kansas City, MO
- Cargill Inc, Ash Landfill Capping QAQC; Eddyville, IA



EDUCATION

- B.S., Civil Engineering, University of Missouri

CERTIFICATIONS & TRAININGS

- Engineer in Training
- Pipeline Assessment Certification (PACP)
- Lateral Assessment Certification (LACP)
- Manhole Assessment Certification (MACP)
- Water Well License, Mo. 820, Missouri Department of Natural Resources, MO, 2010
- BNSF Railroad Certification
- E-Rail Safe Railroad Certification
- Occupational Safety & Health Administration (OSHA) 30-Hour Training

OLSSON EXPERIENCE

- 2022 to Present

OVERALL EXPERIENCE

- 2002 to Present

BRENT JOHNSON, PE

Vice President | Water Resources Team Leader

EXPERIENCE SUMMARY

Brent leads a team of designers who work to improve stormwater, wastewater, and drinking water for communities. He helps them deliver outstanding service to our clients by seeking innovative and creative solutions to improve quality of life. Brent stays focused on a collaborative approach, project quality, and client service. Previously, Brent served as the stormwater project manager for the City of Overland Park. This experience gives Brent a unique perspective of how to serve municipal clients' needs.



PROJECT EXPERIENCE

- Jackson County, Tarsney Lake Spillway Inspection; Buckner, MO
- Jackson County, 2021 On-Call Geotechnical Services; Jackson County, MO
- City of Bentonville, 2021 Drainage Bond Projects; Bentonville, AR
- City of Belton, On-call Stormwater Services; Belton, MO
- City of Kansas City, 2015 On-call Stormwater Engineering Services; Kansas City, MO
- City of Leawood, 2017 On-call Engineering Services; Leawood, KS
- City of Merriam, On-call Engineering Services; Merriam, KS
- City of Mission, 2019 – 2021 On-call Engineering Services; Mission, KS
- City of Shawnee, On-call Stormwater Engineering Services; Shawnee, KS
- City of Spring Hill, On-call Stormwater Engineering Services; Spring Hill, KS
- Johnson County, Stormwater Management Program On-call Services; Johnson County, KS
- City of Shawnee, On-call Stormwater Engineering Services; Shawnee, KS
- Kansas Department of Agriculture, DWR - FY2010 Watershed RiskMAPs & DFIRMs; Marshall and Washington Counties, KS
- City of Spring Hill, On-call Stormwater Engineering Services; Spring Hill, KS
- Johnson County, Stormwater Management Program On-call Services; Johnson County, KS
- Kansas City, Stormwater BMP; Kansas City, MO
- Caldwell County Commission, Caldwell County Commission Little Otter Creek Lake; Caldwell County, MO
- Johnson County Public Works, Stormwater Watershed Master Plans Phase I 2019WNP-3; Johnson County, KS
- City of Springfield, Jordan Creek Renewal; Springfield, MO

EDUCATION

- Master of Civil Engineering – Water Resources Focus, University of Kansas
- B.S., Civil Engineering, Iowa State University
- B.S., Mathematics, Rockhurst University

PROFESSIONAL REGISTRATIONS

- Professional Engineer: KS, MO, IA

OLSSON EXPERIENCE

- 2014 to Present

OVERALL EXPERIENCE

- 2001 to Present

JACOB ASGIAN, PE, CFM

Associate Engineer | Water Resources

QUICK SUMMARY OF TEAM MEMBER

Jacob strives to improve communities with water resources solutions, making communities more sustainable, better connected, and more efficient. He brings adaptability and a collaborative approach to every project and task by verifying calculations, running hydrologic and hydraulic models, and assisting in field inspections. Prior to joining Olsson, Jacob interned at the Missouri Department of Transportation (MoDOT) as a construction inspector.



PROJECT EXPERIENCE

- Jackson County, Spillway Bridge; Buckner, MO
- Jackson County, Lake Jacomo & Prairie Lee Lake Spillway Evaluation; Blue Springs, MO
- Jackson County, 2018 On-Call Geotechnical Services; Jackson County, MO
- Lake Winnebago Homeowners Association, Winnebago North Jetty Improvements; Lake Winnebago, MO
- City of Blue Springs, Roanoke Road From Adams Dairy Parkway to Porter Road; Blue Springs, MO
- City of Belton, Hargis Lake Final Design; Belton, MO
- City of Harrisonville, Muddy Creek Regional Detention; Harrisonville, MO
- City of Independence, George Owens Nature Park Spillway; Independence, MO
- City of Lake Quivira, Municipal Separate Storm Sewer System (MS4) Permit Support Services; Lake Quivira, KS
- City of Lake Tapawingo, Mass Letter of Map Amendment; Lake Tapawingo, MO
- City of Savannah, Reservoir Dam Inspection; Savannah, MO
- City of Trenton, Lake Dam Inspection; Trenton, MO
- Caldwell County Commission, Little Otter Creek Lake; Caldwell County, MO
- City of Olathe, Lackman Road: 159th Street to 175th Street Improvement; Olathe, KS

EDUCATION

- B.S., Civil Engineering, University of Missouri – Kansas City

PROFESSIONAL REGISTRATIONS

- Professional Engineer: MO, KS
- Certified Floodplain Manager (CFM)

OLSSON EXPERIENCE

- 2017 to Present

OVERALL EXPERIENCE

- 2017 to Present

MICHELLE KING, PE

Associate Engineer | Water/Wastewater

EXPERIENCE SUMMARY

Michelle is an Associate Engineer on the water/wastewater team. She has experience with a wide variety of projects; however, her expertise is in hydraulic modeling for water and sewer systems and analyzing the impact of inflow and infiltration on sewer systems. Her responsibilities include managing projects, analyzing data, writing reports, and developing plans and specifications.

PROJECT EXPERIENCE

- Jackson County, Spillway Bridge; Buckner, MO
- Jackson County, Medical Examiner Waste; Kansas City, MO
- State of Missouri, Montauk State Park Lagoon Modifications; Salem, MO
- City of Kansas City, Private I/I Reduction Projects Plumbing Evaluations for I/I Source Disconnections Renewal 2; Kansas City, MO
- City of Oak Grove, Commercial Sewer Connection Fee Options; Oak Grove, MO
- City of Oak Grove, Wastewater Treatment Plant and Interceptor Improvements; Oak Grove, MO
- City of Ozark, State Highway NN Sanitary Sewer Improvements; Ozark, MO
- City of Republic, Shuyler Creek Pumping Station Upgrades; Republic, MO
- City of Richmond, Highway 210 Lift Station Flow Evaluation; Richmond, MO
- City of Richmond, Hill Street Lift Station Flow Evaluation; Richmond, MO
- City of Richmond, New 210 Lift Station and Stormwater Equalization Basin Expansion Work Order #15; Richmond, MO
- City of Rock Port, Burke Circle Lift Station Study; Rock Port, MO
- City of Rock Port, Sanitary Sewer Collection System Data Review; Rock Port, MO
- City of Rock Port, Sanitary Sewer Collection System Flow Monitoring Work Order 3; Rock Port, MO
- RV Horizons Inc, Wastewater Treatment Facility Evaluation Plan for Iowa City Mobile Home Park; Iowa City, IA
- City of Seligman, Wastewater System Facility Plan; Seligman, MO
- City of Springfield, Blackman Woods Lift Station Relief; Springfield, MO
- City of Sedalia, Wastewater Services; Sedalia, MO



EDUCATION

- B.S., Environmental Engineering, Missouri University of Science and Technology

PROFESSIONAL REGISTRATIONS

- Professional Engineer: MO

OLSSON EXPERIENCE

- 2017 to Present

OVERALL EXPERIENCE

- 2016 to Present

NOLAN GROFF, EI

Assistant Engineer | Water/Wastewater

EXPERIENCE SUMMARY

Nolan is an accountable team member that demonstrates integrity and commitment throughout every assignment. With his career spanning years in the industry, he has a background in product design, water quality testing, technical report writing for structural testing, and project management. He uses analytical skills to make a positive impact on projects and procedures.

PROJECT CATEGORY

- Jackson County, Vehicle Service Center Wastewater Treatment Plant Modifications; Oak Grove, MO
- Jackson County, Spillway Bridge; Buckner, MO
- Jackson County, Medical Examiner Waste; Kansas City, MO
- City of Oak Grove, Wastewater Treatment Plant and Interceptor Improvements; Oak Grove, MO
- City of Kansas City, Line Creek Rock Creek Project Area 3 I/I Reduction; Kansas City, MO
- Little Blue Valley Sewer District, Influent Fine Screen Replacement Improvements; Independence, MO
- City of Manhattan, Tuttle Creek Boulevard North Channel Improvements; Manhattan, KS
- City of Kansas City, Birmingham Project Area 3 I/I Reduction; Kansas City, MO
- City of Oak Grove, Commercial Sewer Connection Fee Options; Oak Grove, MO
- City of Kansas City, Private I/I Reduction Projects Plumbing Evaluations for I/I Source Disconnections Year 4; Kansas City, MO
- City of Wakefield, Water Treatment Plant Evaluation; Wakefield, NE
- City of Green Forest, Sewer Collection Analysis & Peak Flow Management Program; Green Forest, AR
- City of Hiawatha, Sanitary Sewer Peak Flow Management Program and Pump Station Analysis; Hiawatha, KS
- City of Rock Port, Central Basin Smoke Testing; Rock Port, MO
- City of Manhattan, Water and Sewer Master Plan; Manhattan, KS
- City of Richmond, New Hill Street Lift Station and Force Main Improvements; Richmond, MO
- City of Bentonville, Sewer Collection Analysis & Peak Flow Management Program; Bentonville, AR



EDUCATION

- B.S., Chemical Engineering, Kansas State University

PROFESSIONAL REGISTRATIONS

- Engineer Intern: KS

CERTIFICATIONS/TRAINING

- OSHA 10-Hour Certification
- ArcGIS

OLSSON EXPERIENCE

- 2019 to Present

OVERALL EXPERIENCE

- 2009 to Present

JONATHAN PEITZ, PE

Project Engineer | Transportation

EXPERIENCE SUMMARY

Jonathan brings years of experience working as a municipal project manager. His experience includes managing projects from design through construction for roadway widening, new bridge construction, roundabouts, traffic signal layout, stormwater and water quality improvements, and trail construction projects. Jonathan will provide a unique perspective with his project management skills including public involvement, utility coordination, LPA coordination, and construction assistance.



PROJECT EXPERIENCE

- Jackson County, Ryan Road RCB Replacement; Blue Springs, MO
- Jackson County, Correctional Center; Kansas City, MO
- City of Coffeyville, KDOT - Coffeyville US169 Prelim Engineering Design Services; Coffeyville, KS
- City of Harrison, Goblin Drive Phase 2; Harrison, AR
- Seefried Industrial Properties Inc, STL3 Luncker Offsite Roadway Improvements; Brookline, MO
- City of Joplin MO, 4th and Murphy Geometric Improvements; Joplin, MO
- City of Springfield, Phelps Street Roadway Improvements; Springfield, MO
- City of Bentonville, Walton Blvd & Central Ave Intersection; Bentonville, AR
- City of Joplin, East Zora Widening Phase 2 & Phase 3; Webb City, MO
- City of Springfield, Jefferson Avenue Roadway Improvements; Springfield, MO
- TREKK Design Group LLC, MoDOT Stone & Taney County ADA Improvements; ,
- City of Joplin, On-Call Zora Street Widening Project; Joplin, MO
- TREKK Design Group LLC, MoDOT Stone & Taney County ADA Improvements; Branson, MO
- City of Springfield, Scenic Bridge Over Wilsons Creek; Springfield, MO
- Jackson County, RCB Replacement on Ryan Road; Blue Springs, MO
- TREKK Design Group LLC, MoDOT Stone & Taney County ADA Improvements Supplemental 1; Branson, MO
- City of Lebanon, Task Order 24 Kent Drive Sidewalk Layout; Lebanon, MO
- City of Lebanon, Task Order 33 New Buffalo Sidewalk; Lebanon, MO
- Williamson Family Farm LP, Engineering Support; Murfreesboro, TN

EDUCATION

- B.S., Civil Engineering, Missouri University of Science & Technology – Rolla

PROFESSIONAL REGISTRATIONS

- Professional Engineer: MO

OLSSON EXPERIENCE

- 2021 to Present

OVERALL EXPERIENCE

- 2012 to Present

TYLER ANDERSON, PE

Senior Engineer | General Civil

EXPERIENCE SUMMARY

Tyler develops technical solutions that serve to improve public facilities. He designs and oversees construction for transportation, water, and land planning projects. He has experience coordinating with the Federal Aviation Administration (FAA) and state and local agencies in Iowa. For land development projects, Tyler navigates the stormwater permitting and Stormwater Pollution Prevention Plan reports by working with local stakeholders to meet all requirements.

PROJECT EXPERIENCE

- Jackson County, Detention Center Site Investigation Services; Kansas City, MO
- Jackson County, Blue Springs Lake Road Repairs; Blue Springs, MO
- City of Des Moines, Watrous Avenue Improvement; Des Moines, IA
- Hunt Midwest, Derrough Drive Land Disturbance; Kansas City, MO
- Seed Development, Industrial Property; Clive, IA
- GVP Windler, Mixed Use Development; Aurora, CO
- Box Real Estate, New Longview Development; Lee's Summit, MO
- Green Plains, Analysis of Site Drainage; Superior, IA
- Zimmerman, Albatross Carver Ridge Apartments; Hutto, TX
- North Central Rural Water Commission, East Locust Creek Reservoir; Sullivan County, MO
- Zimmerman, Site Selection Services; Eagle Pass, TX
- Windler Public Improvement Authority, Mixed-Use Development; Windler, Aurora, CO
- VanTrust, Congress Logistics Center; Kansas City, MO
- Zimmerman, Due Diligence Site Selection; Ennis, TX
- JE Dunn Construction, Project Blue; Kansas City, MO
- Green Plains, Analysis of Site Drainage; Spirit Lake, IA
- ARC Holdings, Scooter's University Ave; West Des Moines, IA
- NorthPoint Development, Richards Gebaur at 155th Street; Kansas City, MO
- Kansas City Area Transportation Authority, RideKC Workforce and Infrastructure; Kansas City, KS
- R&R Realty Group, Center Pointe Building 1; Grimes, IA



EDUCATION

- B.S., Civil Engineering, Iowa State University

PROFESSIONAL REGISTRATION

- Professional Engineer: IA

OLSSON EXPERIENCE

- 2020 to Present

OVERALL EXPERIENCE

- 2010 to Present

LOCATION

- Des Moines, Iowa

RACHAEL REIS

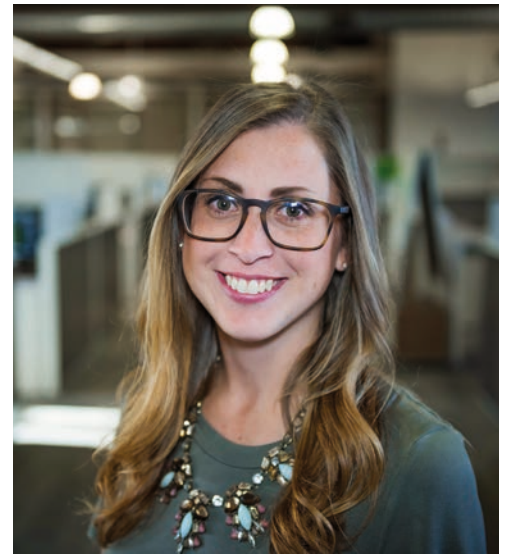
Environmental Scientist | Environmental

EXPERIENCE SUMMARY

Rachael provides clients with the tools necessary to complete projects within their communities—helping them grow or redevelop and influence residents' lives in environmentally conscious ways. Using her project knowhow, experience, and insight, she conducts phase I and II environmental site assessments (ESAs), site remediation, National Environmental Policy Act (NEPA) studies, wetland delineations, endangered species habitat restoration and permitting services.

PROJECT EXPERIENCE

- Jackson County, Correctional Center; Kansas City, MO
- Jackson County, 2021 On-Call Geotechnical Services; Jackson County, MO
- Jackson County, 2022 On-Call Geotechnical Services; Jackson County, MO
- Jackson County, Medical Examiner Waste; Kansas City, MO
- Jackson County, Pit Water Sample; Jackson County, MO
- Jackson County, Phase I ESA; Kansas City, MO
- Jackson County, Environmental Monitoring; Kansas City, MO
- Jackson County, Tarsney Lake Spillway R18-18970; Buckner, MO
- City of Independence MO, Independence Rockwood Golf Course; Independence, MO
- City of Kansas City, On-Call Environmental Services; Kansas City, MO
- City of Kansas City MO, On-Call Environmental Services EV2014-09-04; Kansas City, MO
- City of Blue Springs MO, Blue Springs MO, Phase I ESA; Blue Springs, MO
- City of Dodge City KS, Dodge City Phase I ESA and Reliance Letters; Dodge City, KS
- City of Coffeyville KS, Coffeyville Phase I Environmental Site Assessment; Coffeyville, KS
- Shaughnessy Fickel & Scott Architecture, Blue Springs City Hall Expansion Phase I and II ESA; Blue Springs, MO
- Salina County, Environmental Site Assessment for Kansas Rural Water District Number 3; Salina, KS
- City of Yukon, Phase I ESA for Yukon Sports Complex; Yukon, OK
- City of Cameron, Wetland Delineation for Recreational Trails; Cameron, MO
- City of Coffeyville, Environmental Investigations for Brownfields Assessment; Coffeyville, KS



EDUCATION

- B.A., Environmental Studies, University of Missouri - Kansas City

CERTIFICATIONS/TRAINING

- Certified Wetland Delineator
- HAZWOPER Certification
- National Highway Institute (NHI) Introduction to NEPA and Transportation Decision Making Training
- National Highway Institute (NHI) Integrating Freight in the Transportation Planning Process
- Union Pacific Rail Road Safety
- BNSF Rail Road Safety

OLSSON EXPERIENCE

- 2012 to Present

OVERALL EXPERIENCE

- 2012 to Present

CAITIE WIECHMAN

Associate Scientist | Environmental

EXPERIENCE SUMMARY

Caitie is well-versed in field work, with her experience spanning numerous plant and animal species. She has participated in bird banding, species classification, data entry/analysis, point count surveys, nest searches, vegetation surveys and monitoring, and wetland delineations. Additionally, she has a background in herbaria collection and classification. She is proficient in using GPS and GIS and operating all-terrain vehicles to conduct field work.



PROJECT EXPERIENCE

- Jackson County, Correctional Center; Kansas City, MO
- Jackson County, 2022 On-Call Geotechnical Services; Jackson County, MO
- Jackson County, Medical Examiner Waste; Kansas City, MO
- City of Belton, On-Call Services; Belton, MO
- City of Kansas City, On-Call Environmental Services; Kansas City, MO
- City of Springfield, On-Call Services; Springfield, MO
- Kansas City International Airport, Environmental Services; Kansas City, MO
- North Creek Properties, Wetland Assessment; Oak Grove, MO
- Kansas Army and Air National Guard, Historic Armory Maintenance Manuals; Topeka, KS
- North Central Missouri Regional Water Commission, NCMRWC East Locust Creek Reservoir; Sullivan County, MO
- Confidential Client, Joplin Reservoir Environmental Impact Statement; Joplin, MO
- Aria Apartments; Lee's Summit, MO
- Summit Village; Lee's Summit, MO
- Robertson, Hunters Glen West; Kansas City, MO

EDUCATION

- B.S., Biology, Kansas State University

CERTIFICATIONS/TRAINING

- ArcGIS
- Rail Safety Training

OLSSON EXPERIENCE

- 2019 to Present

OVERALL EXPERIENCE

- 2016 to Present

DARREN VARNER, ASLA

Technical Leader / KIMA Olsson Studio

EXPERIENCE SUMMARY

As a senior landscape architect with an emphasis on sports and recreation, Darren has designed everything from professional NFL football fields to municipal soccer facilities. His specialized experience in athletic field system design and multisport complex design spans the country. He has designed facilities for baseball/softball, soccer, tennis, field hockey, lacrosse, track and field, basketball, and volleyball.

PROJECT EXPERIENCE

- Jackson County, Frank White Complex Improvements; Lee's Summit, MO
- City of Midwest City, Original Mile Park; Midwest City, OK
- City of Grand Island, Veterans Athletic Complex Field Improvements; Grand Island, NE
- Whiteman Air Force Base, Athletic Field; Knob Knoster, MO
- City of Salina, Salina Fieldhouse; Salina, KS
- City of Mt. Vernon, Park Planning Services; Mt. Vernon, MO
- City of Broken Arrow, Elam Park Master Plan; Broken Arrow, OK
- City of Midwest City, W.P. Atkinson Park Master Plan; Midwest City, OK
- City of Rogers, Mount Hebron Park Master Plan; Rogers, AR
- Southeast Community College Landscape Master Plan; Lincoln, NE
- City of Altoona, City Hall Master Plan; Altoona, IA
- Iowa West Foundation, Mid-America Center Entertainment District Master Plan; Council Bluffs, IA
- City of Grand Island, Veterans Home Redevelopment Plan; Grand Island, NE
- Leavenworth County, Comprehensive Plan; Leavenworth County, KS
- City of Sapulpa, Downtown Sapulpa Master Plan; Sapulpa, OK
- City of Pittsburg, Land Use Plan; Pittsburg, KS
- City of Shawnee, Comprehensive Plan; Shawnee, KS
- City of Kansas City, Waldo Land Use Plan; Kansas City, MO



EDUCATION

- Bachelor of Landscape Architecture, Kansas State University

CERTIFICATIONS/TRAINING

- American Society of Landscape Architects (ASLA)

OLSSON EXPERIENCE

- 2014 to Present

OVERALL EXPERIENCE

- 1983 to Present

JASON ROUDEBUSH, PLS

Team Leader | Surveying

EXPERIENCE SUMMARY

Throughout his experience, Jason has developed the necessary skills and aptitude to ensure that all surveying projects are managed with the highest level of precision and control. He is an effective team leader and manager on the variety of projects he works on because no matter what the opportunity is, he focuses on excellence and client satisfaction.

PROJECT EXPERIENCE

- Jackson County, Blue Springs Lake Road Repairs; Blue Springs, MO
- Jackson County, Jacomo Camping Ground; Lee's Summit, MO
- Jackson County, Vehicle Service Center Wastewater Treatment Plant Modifications; Oak Grove, MO
- City of Independence MO, Independence Preliminary Engineering Study Sanitary Sewer Rehabilitation and Slope Stability Analysis; Independence, MO
- City of Oak Grove MO, WWTP and Interceptor Improvements; Oak Grove, MO
- KC Water, FY 21 Water Main Replacement in the Area of N.W. 128th Street to N.E. 46th Street, N. Amity Avenue to N.E. Cookingham Drive will replace approximately 19,650 linear feet of 4-inch, 6-inch, 8-inch, 12-inch, and 16-inch water mains
- KC Water, FY18 Water Main Replacement, Jefferson St. to Lydia Ave., W. 99th Terrace to E. Red Bridge Road - Kansas City, MO - Provided boundary and topographic surveys as well as subsequent easement documents.
- KC Water, FY17 Water Main Replacement, College Avenue to James A Reed Rd E 71st St to E 80th Terrace - Kansas City, MO - Provided boundary and topographic surveys as well as subsequent easement documents.
- City of Richmond, New 210 Lift Station and Stormwater Equalization Basin Expansion; Richmond, MO
- City of Kansas City, WMR Jefferson St to Lydia Ave W 99th Terr to E Red Bridge Road; Kansas City, MO
- City of Richmond, Wollard Boulevard Drainage; Richmond, MO
- Martin Marietta, Randolph Mine Groundwater Discharge Line Permitting and Design; Kansas City, MO
- Martin Marietta, Randolph Mine Slope Stability Analysis and Design; Kansas City, MO
- City of Hiawatha, Sanitary Sewer Peak Flow Management Program and Pump Station Analysis; Hiawatha, KS



PROFESSIONAL REGISTRATIONS

- Professional Land Surveyor: KS, MO

OLSSON EXPERIENCE

- 2016 to Present

OVERALL EXPERIENCE

- 1992 to Present

Ability/Willingness to Provide Additional Services Beyond the Scope of Services

olsson®

ABILITY/WILLINGNESS TO PROVIDE ADDITIONAL SERVICES BEYOND THE SCOPE OF SERVICES

Olsson is more than willing to provide additional services beyond Jackson County's requested scope of services. **As your most-recent on-call engineering and field services firm, we have provided a wide array of projects that required a wide array of services.** Because we are so diversified and extensive, we can handle any request without a problem.

FIRM'S SERVICE CAPABILITIES

CIVIL INFRASTRUCTURE

- Site Civil Master Planning and Design
- Environmental Studies and Permitting
- Floodplain Design and Management
- Highway, Street, Road, Paving, and Bridge Design
- Parks, Recreational Facilities, and Trails
- Power Generation
- Sanitary Sewer Collection Systems
- Streetscape and Sports Fields Lighting
- Survey and Construction Services
- Traffic Engineering and Corridor Studies
- Water and Wastewater Treatment Plants
- Water Supply and Storage
- Turnkey Land Development Services

LANDSCAPE ARCHITECTURE AND URBAN PLANNING

- Urban Planning and Site Design
- Downtown and Community Revitalization
- Recreation and Open Space Planning
- Park Planning and Design
- Comprehensive Master Planning and Design
- Campus and Commercial Master Planning and Design
- Trails Master Planning and Design
- Theme and Identity Design
- Streetscape Design
- Landscape and Irrigation Design
- LEED Design Services

WATER | WASTEWATER

- Treatment Plants and Pumping Stations
- Sanitary Sewer Collection Systems
- Water Supply and Storage
- System Modeling and Master Planning
- Rate Studies and CIP Planning
- Trenchless Technologies and Rehabilitation

WATER RESOURCES

- Floodplain Conservation
- Water Quality Design
- Hydrologic and Hydraulic Analysis and Modeling
- Lake Restoration and Stream Stabilization
- Green Stormwater BMPs and Drainage Design
- Dams
- Reservoirs

TRANSPORTATION

- Roadway Design
- Traffic/ITS
- Transit
- Transportation Planning
- Bridge Structural
- Railroad Services
- Airport Consulting

BUILDING SERVICES

- Audits, Conservation, and Sustainability
- Electrical Power and Lighting
- Fire Protection/Life Safety
- LEED Design and Certification
- Mechanical HVAC
- Plumbing
- Structural

FIELD SERVICES

- Construction Services
- Geotechnical Investigation
- Non-Destructive Testing
- Special Inspections
- Surveying Services

ENVIRONMENTAL RESOURCES AND COMPLIANCE

- Air Permitting, Modeling, and Compliance
- Groundwater Studies
- Soil and Water Assessments and Remediation
- Wetland Permitting and Restoration
- NEPA Documentation
- Endangered Species and Habitat Studies
- Environmental Inspections
- Oil and Gas Permitting and Compliance
- Safety and Industrial Hygiene Services
- Due Diligence/Phase I and II Environmental Site Assessments

TECHNOLOGY

- Process Automation
- Telecommunication Design
- SCADA
- Software Development
- Technology Field Services

PUBLIC INVOLVEMENT

- Public Meetings/Focus Groups
- Surveys and Interviews; Project Website
- Fact Sheets, Mailings, News Releases and Media Plans

REQUIRED FORMS (ATTACHMENT A)

olsson®

Jackson County Missouri Certificate of Compliance



In accordance with Jackson County Code Chapter(s) 6 and 10,
this Certificate of Compliance is hereby issued to:

Olsson, Inc.
1700 E 123rd St
Olathe, KS 66061
2023 Certificate: 20230110VC302

Issued: 2023-01-10
Expires: 2023-12-31

The above named firm/agency has met the following requirements:

Is duly listed and assessed on the tax rolls of Jackson County, Missouri and is not delinquent in the payment of any taxes due to the County, or did not have on December 31st of the previous year any property subject to taxation by the County

Attests and agrees to Chapter 6 of the Jackson County Code which prohibits discriminatory employment practices and promotes equal employment opportunity by contractors doing business with Jackson County.

Chief Compliance Review Officer
Jackson County Missouri
816-881-3302
compliance@jacksonsgov.org

nlw 3-29-2023



OFFICE OF THE COUNTY AUDITOR
COMPLIANCE REVIEW OFFICE
415 E 12TH STREET, 2ND FLOOR
KANSAS CITY, MISSOURI 64106

(816) 881-3302
FAX (816) 881-3340
COMPLIANCE@JACKSONGOV.ORG
WWW.JACKSONGOV.ORG/AUDITOR

CERTIFICATE OF COMPLIANCE NOTICE

All vendors doing business with Jackson County are required to obtain a Certificate of Compliance issued by the Jackson County Compliance Review Office.

A Certificate of Compliance is required to be submitted with any bid response. Failure to comply with this requirement may result in the REJECTION of a bid.

**Vendors may complete a
Certificate of Compliance Application by visiting
www.jacomocompliance.com**

A Certificate of Compliance will certify that vendors meet the following requirements:

1. Are duly listed and assessed on the tax rolls of Jackson County and are not delinquent in the payment of any taxes due to the County, or do not have on December 31st of the previous year any property subject to taxation by Jackson County.
2. Attest and agree to Chapter 6 of the Jackson County Code which prohibits discriminatory practices and promotes Equal Employment Opportunity by contractors doing business with Jackson County.

Certificate of Compliance Application must be submitted five (5) business days prior to a bid response deadline to allow sufficient time to process. A Certificate of Compliance is not guaranteed if this timeline is not met.

QUESTIONS? Email compliance@jacksongov.org

GENERAL CONDITIONS

The General Conditions which follow apply to and are a part of this Request for Qualifications unless otherwise specified herein. Subject to State and County laws and all rules, regulations and limitations imposed by legislation of the Federal Government, responses on all advertisements and invitations issued by the Jackson County Purchasing Department will bind Respondents to applicable conditions and requirements herein set forth unless otherwise specified in the Request for Qualifications. Respondents or their authorized representatives are expected to fully inform themselves as to the conditions, requirements, and scope of services before submitting a proposal; failure to do so will be at the Respondent's own risk and they cannot secure relief on the plea of error.

1. **Withdrawal of Proposal** A written request for the withdrawal of a proposal or any part thereof may be granted if the request is received in the Office of the Director of Finance and Purchasing prior to the response deadline.
2. **Completeness:** All proposals must be submitted on-line through the Bonfire Portal at <http://jacksongov.bonfirehub.com> . Proposals submitted by any other method/manner will not be accepted.
3. **Proposals Binding For 90 Days:** Unless otherwise specified all proposals submitted shall be binding for ninety (90) calendar days following the response deadline, unless the Respondent(s), upon request of the Director of Finance and Purchasing, agrees to an extension.
4. **Exceptions:** Conditional or qualified proposals are subject to rejection in whole or in part. All exceptions to the scope of services of this Request for Qualifications must be made in writing and attached as Exhibit F to the proposal when it is submitted by the Respondent. The County will consider **minor** exceptions to its scope of services. A minor exception is one which is a matter of form, not substance. The minor exception is considered immaterial and inconsequential when its significance to price, quantity, quality, or delivery is trivial or negligible when contrasted with total scope of the Request for Qualifications (ex: comparable manufacturer or alternate bids where allowed by the Request for Qualifications). The County will not consider exceptions to its General Conditions, Forms, or Insurance Requirements. The County reserves the right in its sole discretion to accept or reject any exceptions included in Exhibit F. Exceptions made in any other manner or form whether by omission or by inclusion in any other manner other than as specifically entered and described in full on Exhibit F shall not be made a part of the resulting contract. Exceptions which are made by the Respondent and entered on Exhibit F and determined to be acceptable to the County shall be made a part of the resulting contract by inclusion as a provision of a mutually executed Amendment to the contract. Exceptions which are not made a part of said Amendment shall not be included in the contract nor be binding upon the County and the scope of services of the Request for Qualifications shall prevail.
5. **Questions Regarding Scope of Services:** All Questions regarding this Request for Qualifications shall be communicated electronically through the Bonfire Portal via the Opportunity Q & A on the Request for Qualifications. All Questions must be received on the Bonfire Portal by 5:00 PM on April 4, 2023. All Questions will be answered in the form of Addenda to the Request for Qualifications on the Bonfire Portal.
6. **Multiple Proposals** No Respondent will be allowed to offer more than one proposal on each item requested even though they may feel that they have two or more types or styles that will meet scope of services **IF SAID RESPONDENT SHOULD SUBMIT MORE THAN ONE PROPOSAL ON ANY ITEM REQUESTED, ALL PROPOSALS FOR THAT ITEM MAY BE REJECTED AT THE DISCRETION OF THE DIRECTOR OF FINANCE AND PURCHASING.**
7. The County reserves the right to split the award of the proposal to reject any or all proposals, to waive technical defects in proposals, and to select the proposals(s) deemed most advantageous to the County. The County shall consider proposals submitted on an "all or nothing" basis only if the proposal is clearly designated as such by the Respondent affixing the words "ALL OR NOTHING" on the Request for Proposal.
8. **Applicable Law:** The contract shall be construed according to the laws of the State of Missouri. The Respondent must be registered and maintain good standing with the Secretary of State, of the State of Missouri and other regulatory agencies as may be required by law or regulation.

9. Communications and Notices: Any notice to the Respondent shall be deemed sufficient when deposited in the United States Mail postage prepaid; faxed; e-mailed; delivered to a telegraph office fee prepaid; or hand-carried and presented to an authorized employee of the Respondent at the Respondents' address as listed on the signature page of the proposal or at such address as the respondent may have requested in writing.

10. Bankruptcy or Insolvency: Upon filing for any bankruptcy or insolvency proceedings by or against the Respondent, whether voluntary or involuntary, or upon the appointment of a receiver, trustee, or assignee for the benefit of creditors, the Respondent must notify Jackson County's Director of Finance and Purchasing immediately in writing. Upon learning of the actions herein identified, Jackson County reserves the right at its sole discretion to either affirm the contract or cancel the contract and hold the Respondent responsible for damages.

11. Patents: Respondent agrees to defend, indemnify, protect, and save harmless, Jackson County, Missouri, against all claims for royalties for patents or suit for infringement thereon which may be involved in the manufacture or use of the materials or items to be furnished.

12. By virtue of statutory authority, the Director of Finance and Purchasing shall give preference to all commodities manufactured, mined, produced, or grown within the State of Missouri and to all firms, corporations or individuals doing business as Missouri firms, corporations or individuals, when quality is equal or better and delivered price is same or less.

13. Material Standards: All material or equipment furnished shall meet the minimum requirements of the Occupational Safety & Health Standard (OSHA) published in the Federal Register.

14. Tax Clearance Required: No person, firm or corporation, resident in Jackson County, or otherwise legally within the taxing jurisdiction of the County, shall be eligible to provide any goods, contractual services or anything covered by the County Purchasing Ordinance, unless said person, firm or corporation is duly listed and assessed on the County tax rolls, and is in no way delinquent on any taxes payable to the County. Further, no person, firm, or corporation, regardless of state of residency, shall be eligible to provide any goods, contractual services, or anything covered by this chapter, of a cost in excess of \$150,000 per annum, if that person, firm or corporation is in any way delinquent on any taxes payable to any local government entity with which Jackson County has entered into an "Intergovernmental Agreement for Tax Verification Information".

Where any individual, firm or corporation is a resident of Jackson County, or it otherwise appears that such firm is legally within the taxing jurisdiction of the County, and has made an offer, bid, or quotation for any County purchase, or has submitted an application to be given an opportunity to make quotations for County purchases, the Director of Finance and Purchasing shall cause a search to be made of the County tax rolls, and, if applicable, an inquiry to be made of the appropriate personnel of any other local government entity with which Jackson County has entered into an "Intergovernmental Agreement for Tax Verification Information", to determine the eligibility of that person, firm or corporation under this section.

When the lowest/highest responsible bidder for a given purchase order or contract is ineligible under this section, the Director of Finance and Purchasing may, where time is not of the essence to the County, notify the bidder and allow three (3) days for the bidder to correct the deficiency or pay up any delinquency involved. If the bidder fails, after such notice, to comply within three (3) days, or if the Director of Finance and Purchasing deems time to be of the essence, he shall proceed as though the next lowest/highest responsible bidder who is eligible under this section had entered the lowest/highest bid.

15. Insurance and Indemnification: The Successful Respondent shall defend, indemnify, and hold harmless Jackson County and any of its agencies, officials, officers, or employees from and against all claims, damages, liability, losses, costs and expenses, including reasonable attorney's fees, arising out of or resulting from any acts or omissions in connection with the operations or work included or undertaken in the performance of this contract, caused in whole or in part by Respondent, its employees, agents, or subcontractors, or caused by others for whom Contractor is liable. Contractor's obligations under this section with respect to indemnification for acts or omissions shall be limited to the coverage and limits of insurance that Respondent is required to procure and maintain under this Contract. Insurance shall be procured and maintained by Respondent as described in Exhibit A of this Request for Qualifications. Respondent shall file Certificates of Insurance with Jackson County Purchasing Department in the form described in Exhibit A within the time limit also described in the Exhibit.

16. The County is not responsible for articles or services furnished without a Purchase Order.

17. Inspection and Acceptance: Inspection and acceptance will be at destination. Prior to the time of delivery and acceptance by the County, or after any rejection, risk or loss shall be the responsibility of the Respondent unless loss results from negligence of the County.

18. Equal Opportunity: The Respondent shall maintain policies of employment as follows:

a) The Respondent and the Respondents Subcontractor(s) shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, disability, or national origin. The Respondent shall take affirmative action to ensure

that applicants are employed, and that employees are treated during employment without regard to their race, religion, color, sex, disability, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Respondent agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the policies of non-discrimination.

b) The Respondent and the Respondents Subcontractor(s) shall, in all solicitations or advertisements for employees placed by them or on their behalf, state that all qualified applicants will receive consideration for employment without regard to race religion, color, sex or national origin.

19. Foreign Corporations: Firms submitting proposals as corporations which are not incorporated in the State of Missouri must include with their proposal a copy of a properly executed **Certificate of Registration for Foreign Corporation** authorizing the firm to do business in the State of Missouri.

20. Errors in Proposals: Respondent shall be bound by its proposal even though the proposal is based on an erroneous calculation, and Respondent shall have no right to withdraw its proposal after the Response Deadline on the basis of an error in calculation of its proposal. Carelessness in quoting prices, or in preparation of proposal, will not relieve the Respondent in case of errors. Erasures or changes in proposal must be initialed.

21. Omission in Proposals: Omission in the proposal of any provision herein prescribed shall not be construed as to relieve the respondent of any responsibility or obligation requisite to the complete and satisfactory operation of any and all equipment and services. Any exception to the bid must be in writing and not by omission.

22. No lowest/highest Respondent shall receive a business expectancy merely because their proposal is the lowest/highest one received; until the contract has been awarded, no business expectancy exists.

23. Conflict of Interest: Respondent warrants that no officer or employee of the County, whether elected or appointed, shall in any manner whatsoever be interested in or receive any benefit from the profits or emoluments of this contract.

No official or employee of Jackson County or its governing body and no other public official in Jackson County who exercises any functions or responsibilities in the review or approval of the undertaking or carrying out of the project covered by this contract shall voluntarily acquire any personal interest, directly or indirectly, in this contract.

The Respondent covenants that he/she presently has no interest and shall not acquire any interest, directly or indirectly, which would conflict in any manner or degree with the performance of the services hereunder. The Respondent further covenants that no person having any such known interest shall be employed or conveyed an interest, directly or indirectly, in this contract.

24. It shall be the responsibility of all Respondents to warrant that all goods, services and/or work to be procured and/or performed under this contract shall conform to and/or be performed in compliance with all applicable Federal, State and Local Statutes, Ordinance and Codes including but not limited to the American with Disabilities Act of 1990. Failure to comply in any manner with applicable Statutes, Ordinances or Codes shall result in said Respondent replacing the goods, services and/or work performed in order to effect compliance or in liquidated damages in the amount required to effect compliance with said Statutes, Ordinance and Codes together with any costs associated with collection of said damages.

25. Respondent certifies that all goods to be supplied to the County as a result of contracts awarded under this Request for Qualifications were produced in compliance with all applicable requirements of sections 6, 7, and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor issued under section 14 thereof.

26. Fund Allocation: Continuance of any resulting agreement, contract, or issuance of purchase orders after December 31 of the current calendar year is contingent upon the allocation of County funds for the next proceeding calendar year.

27. Qualifications of Respondents: The County may make such reasonable investigations as deemed proper and necessary to determine the ability of the Respondent to perform the work and the Respondent shall furnish to the County all such information and data for this purpose, as may be requested. The County reserves the right to inspect Respondents physical plant prior to award to satisfy questions regarding the Respondents capabilities. The County further reserves the right to reject any proposal if the evidence submitted by or investigations of such Respondent fails to satisfy the County that such Respondent is properly qualified to carry out the obligations of the contract and to complete the work contemplated herein.

28. Except for the furnishing and transportation of materials, the Respondent shall not sublet, sell, transfer, assign, or otherwise dispose of any portion of this contract to any individual, firm, or corporation without written consent of Jackson County. This consent of the County will not be given unless, and until the Respondent has submitted satisfactory evidence that the proposed subcontractor is qualified to execute the work and has an Affirmative Action Plan acceptable to the County, together with a complete copy of the subcontract if

so, requested by the County. The subcontract shall bind the subcontractor to comply with all requirements of this contract including but not limited to wage rates, equal employment opportunity regulations, submittal of payrolls, etc. Assignment of the entire contract may be made only upon written consent of the County.

No assigning, transferring, or subletting, even though consented to, shall relieve the Respondent of their liabilities under this contract.

The Respondent shall give their personal attention to any portion of this contract which has been sublet and he shall be responsible for its proper completion.

The Respondent as a condition of this contract, is responsible for assuring submission of proof or documentation regarding Affirmative Action Compliance by their subcontractors and for the subsequent Affirmative Action performance by such subcontractors.

Jackson County reserves the right to approve or reject the Respondents proposed subcontractors in accordance with these and any other requirements of this Request for Qualifications.

29. Minority, Women and Veteran Business Enterprise Utilization: Respondent shall comply with all requirements of Chapter 6, Jackson County Code, a copy of which can be viewed on the County's website at <http://www.jacksongov.org/394/Compliance-Review-Office>, Government, County Code, Current Code, 06. Affirmative Action Programs and by reference, incorporated herein for the construction under a County bid, proposal or for the purchase of County goods and services. Respondent shall ensure that it and its subcontractors collectively meet both the MBE, WBE and VBE goals established by the County, or show good faith effort as to why those goals could not be met and comply with all reporting requirements. The Respondent, as a condition of this contract, is responsible for assuring submission of the Contractor Utilization Plan and other documentation regarding utilization of MBE, WBE and VBE Subcontractors, and good faith efforts when requested by the County. Contractor Utilization Plan must be accepted by the Compliance Review Office prior to contract being awarded.

30. As a condition for the award of any contract or grant in excess of five thousand dollars by the County to a business entity, the business entity shall, by sworn affidavit and provision of documentation, affirm its enrollment and participation in a federal work authorization program with respect to the employees working in connection with the contracted services. Every such business entity shall also sign an affidavit affirming that it does not knowingly employ any person who is an unauthorized alien in connection with the contracted services. Any entity contracting with the state, or any political subdivision of the state shall only be required to provide the affidavits required in this subsection to the state and any political subdivision of the state with which it contracts, on an annual basis.

31. This contract shall be construed according to the laws of the State of Missouri, including Missouri Revised Statute Chapter 610.111.1, which requires that all records of Jackson County, Missouri will be open to the public, unless subject to statutory exception, as Jackson County, Missouri is a public governmental body. Pursuant to Missouri Revised Statute Chapter 610.021(12), sealed bids, and related documents, once the bid documents have been opened, along with any related documents, are considered public records subject to disclosure upon request. Missouri Revised Statute Chapter 610.021(12) also requires, upon request, disclosure of any negotiated contract and documents related to such contract once the contract has been executed or until all proposals have been rejected.

32. If awarded a Contract as a result of this proposal; you must have a hard copy of a purchase order issued by the Jackson County, Missouri Finance and Purchasing Department **BEFORE** providing any goods and/or services. Failure to adhere to this policy will result in the immediate termination of said contract.

EXHIBIT A, INSURANCE

Contractor shall procure and maintain in effect throughout this duration of the contract insurance coverages not less than the types and amounts specified in this section. If due to the nature of the goods and/or services provided by the contractor are such that they may be excluded from coverage listed below, an addendum shall be made to the contract requesting coverage and limits required (Professional Liability, Work on bodies of water, Garage or tow services, Liquor liability are some examples).

All subcontractors of the contractor are required to carry the same coverages and limits as the contractor. All Liability policies required are to be written on an "occurrence" basis unless an agreement, in writing, is made with Jackson County.

1. COMMERCIAL GENERAL LIABILITY

Commercial General Liability Insurance: with limits of not less than \$1,000,000 per occurrence and \$2,000,000 Annual Aggregate (both General and Products-Completed Operations). Aggregate shall be on a "per project" basis where more than one project is to be performed by the contractor under this contract. Policy shall include Severability of Interests coverage applying to Additional Insureds and also include Contractual Liability with no limitation endorsements. Policy shall include \$100,000 limit each occurrence for Damage to Rented Premises, \$1,000,000 limit each occurrence for Personal & Advertising injury liability, \$5,000 Medical Expense (any one person), and Employee Benefits Liability coverage with a \$1,000,000 limit.

2. COMMERCIAL AUTOMOBILE LIABILITY

Commercial Automobile Liability Insurance: with a limit not less than \$1,000,000 Combined Single Limit for Bodily Injury and Property Damage Limit (each accident), covering owned, hired, borrowed, and non owned vehicles. Coverage shall be provided on a "any auto" basis and be on a Commercial Business Auto form, or acceptable equivalent, and will protect against claims arising out of the operation of motor vehicles in connection with this contract.

3. WORKERS COMPENSATION AND EMPLOYERS' LIABILITY COVERAGE

Contractor shall provide coverage for Workers Compensation and Employers Liability for all claims by employees of the contractor or by anyone for whose acts it may be liable under the statutes of the State of Missouri with limits of:

-Workers Compensation	Statutory
-Employers Liability	\$500,000 each accident
	\$500,000 Disease-each employee
	\$500,000 Disease-Policy limit

4. EXCESS/UMBRELLA LIABILITY COVERAGE

Contractor shall provide Excess/Umbrella liability, on an occurrence basis, with \$10,000 Retention, to provide coverage limits over all liability coverages listed above, at a limit not less than \$1,000,000 each occurrence and \$1,000,000 Aggregate.

5. ADDITIONAL INSURED & CERTIFICATE OF INSURANCE

The Commercial General and Automobile Liability Insurance specified above shall provide that Jackson County Missouri and its agencies, officials, officers, and employees, while acting within the scope of their authority, will be named as additional insured for the services performed under this contract.

A Certificate of Insurance shall be filed with the County's Director of Finance and Purchasing within 10 calendar days of the date when requested or before commencement of the work that are acceptable to the Director that the insurance requirements have been satisfied. Should any of the required insurances be cancelled before the expiration date, a notice shall be filed with the County's Director of Finance and Purchasing in accordance with policy provisions. In the case of multi-year, renewable, or extended term on the contract; Contractor must supply the Director with current Certificate(s) on any coverage mentioned above within Thirty (30) days prior to the expiration date of coverage(s). The Director of Finance and Purchasing may request copies of the Contractor's insurance policies for verification of coverage(s).

6. QUALIFICATIONS INSURANCE CARRIERS

All insurance coverage must be written by companies that have an A. M. Best's rating of "B+ V" or better or Lloyd's of London and are licensed and approved by the State of Missouri to do business in Missouri.

7. FAILURE TO MAINTAIN INSURANCE COVERAGE

Regardless of any approval by Jackson County, it is the responsibility of the contractor to maintain the required insurance coverage in force at all times; its failure to do so will not relieve it of any contractual obligation or responsibility. In the event of Contractor's failure to maintain the required insurance in effect, Jackson County may order Contractor to stop work immediately and, upon 10 days notice and an opportunity to cure, may pursue its remedies for breach of this contract as provided for herein and by law.