

# Statement of Qualifications



---

## All Civil Engineering, LLC

Professional Consultant Engineering Firm

CIVIL – SITE – ADA – CONSTRUCTION SERVICES

---

**About Us** – All Civil Engineering, LLC was founded in 2021 to serve clients with forward thinking engineering solutions. Recognizing the challenges of funding limitations, combined with growing public needs and expectations, All Civil Engineering, LLC was formed to help clients maximize the life of their infrastructure investments. Our core motto “Engineering the Right-of-Way, the Right Way” is our commitment to our clients that we will truly listen to your needs, evaluate all the solutions and possibilities that might exist, and engineer a solution that meets your budget and exceeds your expectations. Led by husband and wife duo Jesse Jonas, P.E, and his wife Natalie Jonas, BA in Marketing, our humble beginnings allow us to serve our client’s needs with exceptional technical expertise, while maintaining a personal connection, to those whom we truly value as friends.

**Our Services** – As our working relationships with valued clients grow, and the needs of our services increase, All Civil Engineering, LLC will evolve to a full-service engineering firm. For the interim, professional services will be focused on the expertise gained throughout Natalie and Jesse’s careers. As recognized industry leaders in the following categories, All Civil Engineering, LLC is your go to consultant for:

- Construction Inspection & Oversight Services
- Americans with Disabilities Act (ADA) Compliance:
  - Design and Construction of Pedestrian Access Routes
  - Transition Plan Management
  - Multi-Used/Shared Paths
- Concrete Pavement Design and Construction
  - Streets, Highways, Parking Lots, Overlays, SUP’s
- Research, Evaluation, & Recommendation
- Pavement Evaluation, Recommendation, & System Asset Management
- Forensic Evaluation of Premature Pavement Degradation
  - Pavement movements, rutting, settling, faulting, cracking, raveling, street creep, etc.
- Staff Training:
  - Construction Inspection
  - Pavement Evaluation and Management
  - ADA Compliance
  - Full and Partial Pavement Repair Identification
  - Concrete Basics for Maintenance/Operations Staff

# Projects Constructed Under Past Employment



**Projects We Managed** – All of the following projects have occurred during previous employment opportunities, but were specifically managed, and or field inspected, under the direct supervision and field oversight of All Civil Engineering, LLC staff members:

- ***The New I-64 Design Build Project (MoDOT)***

Jesse served as the Structures Auditor for Government Oversight on this 420 million Dollar corridor reconstruction. Work under Jesse's supervision included the new flyover ramps at I-170 and I-64, the new SPUI at Kingshighway, Big Bend, Hampton, the bridge reconstruction at Tamm Ave & Bellview Ave, extensive MSE wall construction, sound wall construction, new pavement, new signals & lighting, SWPPP management, detailed traffic control management, and overseeing the first Contractor Quality Management Plan of its kind.



- ***Relocation of Highway 141 (MoDOT)*** – This 50 million Dollar project completed conversion of highway 141 to a 6-lane highway. This project included a 10 million dollar MSD trunk line replacement. Due to the project's impacts around streams and wetlands, the project team set goals to be the most environmentally friendly project possible. Initiatives included harvesting



downed trees for lumber and furniture industries, using mulch berms to add second layers of erosion control for protected streams, use of recycled bottles for creek embankment stabilization grids, photocatalytic cement in a section of pavement to reduce CO2 levels, biodiesel in all equipment, intelligent compaction for earth work monitoring, paperless reporting for project files, and many other innovative environmentally sensitive solutions. The project was ultimately awarded the Governor's Green Project.

- 
- An aerial photograph showing a massive landslide of earth and debris onto a multi-lane highway. A yellow semi-truck is partially buried under the debris. The surrounding area is densely wooded.

- 

-

- **Subdivision Slab Replacement Projects (St Louis County, Horner & Shifrin)** – Jesse oversaw the rehabilitation of over a dozen projects in the 1M – 5M dollar range to rehabilitate residential



streets composed of PCCP pavement. Jesse's expertise in concrete pavements allow for the most economical solutions for cities and counties looking to maximize their restoration budgets. Furthermore, ACE staff have an understanding of concrete mix designs, and QC/QA testing, which will assure owners are getting the best possible product for their residents. As weather changes, needs for protecting and curing wet concrete change. ACE is your go to consultant for concrete paving, and select slab replacement.

- 
- **ADA Improvement Projects (MoDOT, St Louis County, Horner & Shifrin, ACPA)**

Jesse is widely considered the regional ADA expert for design and construction of ADA facilities, having built nearly 50 projects through his combined employment, miles of reconstructed compliant pedestrian access routes (aka sidewalks) and trained over 2,000 design and field staff Nationwide in the rules of PROWAG compliance.



- 
- **LPA Projects (Horner & Shifrin, Inc.)** – As the Business Unit Leader for H&S, Jesse both worked on, and oversaw inspection efforts, for nearly a dozen different Local Public Agency projects. With a deep understanding of the LPA requirements for construction projects, all documentation, field inspection, adherence to contract specifications, material reporting, material testing, SWPPP inspections, traffic control daily inspections, project start up and close out paperwork, all projects were delivered with first rate construction knowledge and oversight assuring the agency owners investment will last the full intended design life.
- 
- **Concrete Overlay Design & Construction (ACPA)** – 12 different parking lots were designed, or design assisted, by Jesse to receive concrete overlays at Metro Bi-State Development station lots, Parkway School District elementary lots, Hancock School District elementary lots, & Wings of Hope at Spirit of St Louis Airport.

Contact Us – Natalie Jonas, President & CEO  
Cell – (314) 402-0695

Email – [natalie@allcivilengineering.net](mailto:natalie@allcivilengineering.net)

Jesse Jonas, P.E. Principal Engineer  
Cell – (314) 575-1586

Email – [jesse@allcivilengineering.net](mailto:jesse@allcivilengineering.net)  
Website – [www.allcivilengineering.net](http://www.allcivilengineering.net)