



**ALEX H. GIPSON, EIT**  
**STAFF CONSULTANT**

[ahgipson@engsys.com](mailto:ahgipson@engsys.com)

Mr. Alex H. Gipson is a Civil Engineer and Staff Consultant for Engineering Systems Inc. (ESi). His professional, technical, and academic experience has revolved around construction, drainage design, structural design, steel connection design, and erosion control.

Prior to joining ESi, Mr. Gipson worked as a construction subcontractor, operating heavy machinery, performing wood flooring installations, and drywall installations. Additionally, Mr. Gipson was responsible for the design, construction, and maintenance of underground conveyance systems and erosion control methods in both the private and public sectors. Mr. Gipson created and presented complicated proposals to clients, contractors, and stakeholders for large design projects exceeding \$1,000,000. Mr. Gipson has worked on the design of a proposed industrial park stormwater management system that effectively mitigated post development stormwater runoff. Mr. Gipson also worked on the design and provided project management for an extensive trail system through various terrains for public utilization.

**Areas of Specialization**

Construction Defects  
Data Acquisition  
Artifact Handling  
Building Code Analysis  
Design and Analysis of Stormwater Conveyance Systems  
Design and Analysis of Steel Connections  
Erosion Control Methods and Implementation  
Inspection and Evaluation of Structures

**Licensed Engineer in Training (EIT)**

State of Indiana..... License No. ET32100218

**Education**

Rose-Hulman Institute of Technology, Bachelor of Science, Civil and Environmental Engineering [Construction Emphasis], 2021

*February 2022*

## **Professional Affiliations/Honors**

### **American Society of Civil Engineers (ASCE)**

Member, 2017 – Present

### **American Concrete Institute (ACI)**

Member, 2017 – Present

### **Construction Engineering Institute (CEI)**

Member, 2017 – Present

### **Structural Engineering Institute (SEI)**

Member, 2017 – Present

## **Positions Held**

### **Engineering Systems Inc. (ESi), Peachtree Corners, Georgia**

Staff Consultant, 2021 – Present

### **Weihe Construction Co., Noblesville, Indiana**

Laborer, 2020

### **Engineering Systems Inc. (ESi), Norcross, Georgia**

Engineering Intern, 2019

### **Weihe Construction Co., Noblesville, Indiana**

Laborer, 2019