

As Staff Consultant within the automotive group, Austin Shires performs inspections, undertakes analysis of accidents, and writes reports of his findings.

Prior to joining ESi, he worked as a Transportation Engineer with the Ardurra Group, based out of West Palm Beach, Florida. While there he was tasked with the creation of roadway plans including Temporary Traffic Controls/Maintenance of Traffic, Drainage, Signing and Pavement Marking, Intersection Details.

While at ESi, Mr. Shires has been involved in investigations involving passenger vehicles, motorcycles, and commercial vehicles. He has been on numerous inspections and is experienced with FARO scanning and crash data retrieval. His background in Transportation Engineering has been leveraged to assist in cases that involved roadway components such as guardrails, work zones, traffic signals, and pavement markings.

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## Education

BS, Mechanical Engineering. Texas A&M. 2023

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## Licenses & Certifications

- State of Texas EIT Certification, Texas EIT 84135
- FARO Focus Scanner User Certification Program
- Bendix On-Site Air Brake Course Tested/Passed Certificate of Training

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## Positions Held

### Engineering Systems Inc., Aurora, Illinois

- Staff Consultant, 2025 – Present

### Ardurra Group Inc., West Palm Beach, Florida

- Engineer I, 2023 - 2024

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## Continuing Education

- **Foundations of Forensic Photography** – Texas A&M Extension Service, 2025
- **Hyundai-Kia & Tesla EDR Tools Technician** – IPTM, 2025

## Contact Information

atshires@engsys.com

(770) 630-3005

## ESi Dallas

10338 Miller Road  
Dallas, Texas 75238

## Areas of Specialization

- Accident Reconstruction
- Mechanical Engineer
- Automotive (Gas/EVs/Hybrids)
- Commercial Vehicles
- Transportation Engineering



- **Passenger Restraint Safety Systems** – IPTM, 2025
- **Bosch CDR Tools Technician** – IPTM, 2025
- **Traffic Crash Reconstruction for Engineers** – Northwestern University Center for Public Safety, 2026