

Elias Wilson

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SUMMARY

Early career highway sign maintenance candidate with supervised field training in roadway sign installation, repair, inspection, and asset documentation. Practical work includes sign layout, post alignment, hardware replacement, GPS route records, hand tools, training post driving equipment, forklift safety, UHF radio etiquette, computer use, email, and safe handling of materials up to 75 pounds. Academic field assignments covered urban and rural route conditions, visibility checks, work zone awareness, equipment inspections, and changing outdoor conditions. Holds a current **Class D Chauffeur's License** and **OSHA 10 Hour Construction Safety** certification. Reliable documentation and safety practices support **shift work**, night work, travel, overtime, **emergency call outs**, and regional highway operations.

EDUCATION

Associate of Applied Science in Highway and Transportation Technology

2026

Northwest Arkansas Community College GPA: 3.5

Bentonville, AR

***Coursework:** Roadway sign systems, transportation safety, field operations, equipment inspection*

TECHNICAL SKILLS

- **Sign Systems:** Highway signs, sign supports, sign mounting
- **Hand Tools:** Wrenches, drills, levels
- **Post Driving Equipment:** Gasoline post driver, auger, alignment tools
- **Material Handling:** Forklift, safe lifting, load movement
- **Radio Communication:** UHF radio, call procedures, radio etiquette
- **Field Navigation:** GPS devices, route planning, waypoint records
- **Digital Communication:** Computers, email, mobile phones
- **Asset Documentation:** Sign inventory, condition logs, maintenance priorities
- **Safety Practices:** OSHA construction safety, equipment inspection, work zone awareness
- **Transportation Operations:** Urban routes, rural routes, state routes

SKILLS

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|---------------------|-------------------|------------------------|------------------------|
| • Sign installation | • UHF radio | • Equipment inspection | • Post alignment |
| • Sign maintenance | • Forklift safety | • Email communication | • Hardware replacement |
| • Hand tools | • Safe lifting | • Computer use | • Field documentation |
| • GPS | • Route planning | • Asset inventory | |

EXPERIENCE

Highway Sign Maintenance Project Trainee

January 2026 to September 2026

University Project

Fayetteville, AR

Supported supervised highway sign maintenance simulations across route documentation, **sign installation**, **equipment inspection**, safe material handling, and radio communication. Completed field records for instructor review while practicing methods relevant to regional roadway operations.

- Documented replacement priorities across a simulated 18 mile route using condition observations and GPS records.
- Practiced post alignment, sign mounting, and hardware replacement with **hand tools** during supervised field exercises.
- Built a GPS **sign inventory** and organized records for instructor review through computer and **email**.
- Completed repeated material handling exercises up to 75 pounds using safe lifting practices.
- Used training UHF radios for location, work status, and equipment updates with proper radio etiquette.
- Inspected tools and equipment before outdoor assignments, then documented observed defects for review.

Transportation Field Operations Lab Trainee

August 2025 to December 2025

Student Lab

Fayetteville, AR

Completed supervised transportation field labs focused on roadway sign recognition, maintenance planning, forklift procedures, route observations, field records, and **safe work practices**. Adapted assignments for outdoor conditions while communicating findings through mobile devices and email.

- Completed supervised roadway sign recognition labs and identified maintenance priorities from field observations.
- Practiced **forklift** inspection and material movement procedures within a controlled training environment.
- Used **GPS devices** and mobile phones to navigate routes and record multi site observations.
- Prepared maintenance logs and emailed completed records to instructors for review.
- Practiced hand tool selection and sign support installation with defined safety checks.
- Completed outdoor labs requiring physical stamina and adaptation to changing field conditions.

Roadway Sign Asset Inventory Student

January 2025 to May 2025

Capstone Project

Fayetteville, AR

Created a supervised roadway sign inventory project covering sign condition, location, visibility, maintenance priority, **route planning**, radio procedures, and repair simulations. Presented organized findings and recommended inspection sequencing to faculty reviewers.

- Designed an inventory for 120 simulated roadway signs with condition and maintenance priority fields.
- Evaluated urban and rural sign placement scenarios for visibility and field accessibility.
- Created a GPS waypoint route plan for supervised inspection stops across multiple locations.
- Tested radio call procedures for location updates and task completion during field simulations.
- Completed mock sign **repair** and hardware replacement tasks with safe hand tool practices.
- Presented the final inventory and maintenance plan to faculty reviewers for evaluation.

PROJECTS

Route Sign Visibility Review 📅 2025

Improved inspection planning through simulated urban and rural sign reviews, visibility checks, GPS waypoints, and documented maintenance priorities.

Field Equipment Safety Practice 📅 2026

Applied safe lifting, forklift inspection, hand tool selection, equipment checks, and radio procedures during supervised outdoor training.

LEADERSHIP & AWARDS

- Dean's List recognition, Spring 2026
- Transportation Technology Program Safety Recognition, 2026
- Student Field Project Merit Award, 2025

CERTIFICATIONS

- Class D Chauffeur's License 📅 2026
- OSHA 10 Hour Construction Safety 📅 2026

PROFESSIONAL AFFILIATIONS

- Transportation Technology Peer Safety Team, student member
- Campus Service Day Roadway Cleanup, volunteer coordinator

LANGUAGES

- English (Native) • Spanish (Beginner)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST