

# Caleb Bhatia

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## SUMMARY

Early career traffic control maintenance technician with one year of supervised field experience supporting signs, pavement markings, barricades, work zones, and related traffic control assets. Completed assignments involving installation, sign fabrication, device inspection, service request documentation, inventory updates, maintenance records, and basic troubleshooting of **school zone flashers**, traffic counters, radar equipment, and **changeable message boards**. Follows work instructions, plans, specifications, safety procedures, and approved work zone practices around moving traffic and changing weather conditions. Holds a valid **Texas driver's license** and IMSA Work Zone **Temporary Traffic Control** Technician certification, with IMSA Signs and Pavement Markings Technician I training underway. Communicates field status, material needs, equipment issues, and safety concerns clearly while supporting road closures, severe weather operations, emergency assignments, and physically demanding municipal service work.

## EDUCATION

### High School Diploma

Mayde Creek High School GPA: 3.5

2025

Katy, TX

*Coursework: Traffic control, workplace safety, technical mathematics, equipment operations*

## TECHNICAL SKILLS

- **Traffic Control Devices:** Traffic signs, pavement markings, barricades
- **Traffic Signal Equipment:** Traffic signals, school zone flashers, signal inspection
- **Detection Equipment:** Traffic counters, radar equipment, basic testing
- **Message Systems:** Changeable message boards, message programming, device inspection
- **Sign Fabrication:** Sign layouts, sign blanks, measurement tools
- **Work Zone Safety:** Temporary traffic control, PPE, traffic exposure safety
- **Records Management:** Asset records, maintenance records, service requests
- **Inventory Control:** Material inventory, replacement hardware, quantity reconciliation
- **Tools and Equipment:** Hand tools, power tools, ladders, lifts
- **Vehicle Operations:** Assigned vehicles, vehicle safety, equipment checks
- **Field Operations:** Road closures, severe weather operations, emergency traffic control
- **Standards and Plans:** Work instructions, plans, specifications

## SKILLS

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|---------------------|------------------------|-----------------------------|-----------------------------|
| • Traffic Signs     | • Sign Fabrication     | • Radar Equipment           | • Field Safety              |
| • Pavement Markings | • Traffic Signals      | • Changeable Message Boards | • Power Tools               |
| • Barricades        | • School Zone Flashers | • Asset Records             | • Emergency Traffic Control |
| • Work Zones        | • Traffic Counters     | • Inventory                 |                             |

## EXPERIENCE

### Traffic Control Maintenance Technician Intern

October 2025 - September 2026

Municipal Traffic Operations Internship

Katy, TX

Supported supervised municipal field operations involving traffic signs, pavement markings, school zone flashers, traffic counters, radar equipment, changeable message boards, asset records, and **emergency traffic control**. Followed plans, specifications, work instructions, personal protective equipment requirements, and safe equipment practices while communicating conditions and material needs with supervising technicians.

- Installed regulatory, warning, and wayfinding signs using approved **work zone** practices and crew direction.
- Inspected **pavement markings** and devices, documenting damaged assets for crew lead review and service response.
- Troubleshoot **school zone flashers**, **traffic counters**, radar devices, and message boards using inspection checklists.
- Updated inventory, maintenance, and **asset records** after field work, improving traceability for replacement hardware.
- Operated hand tools, power tools, vehicles, and equipment while following lifting and traffic safety procedures.
- Supported road closures and severe weather assignments, reporting field status and equipment needs to supervisors.

## Traffic Control Field Project Technician

January 2025 - September 2025

### Student Transportation Safety Project

Katy, TX

Completed supervised classroom and field assignments focused on **traffic signs**, pavement markings, work zone planning, **sign fabrication**, device records, inventory controls, and maintenance recommendations. Applied technical instruction through documented observations, measured layouts, plan references, and presentations reviewed by instructors.

- Mapped signs and **pavement markings** along a sample corridor, recording condition, visibility, and placement.
- Applied **work zone** concepts in a field plan covering device placement, approach paths, and crew communication.
- Fabricated a sample sign using standard layouts, measurements, materials, and quality checks for evaluation.
- Reviewed signal, flasher, counter, and radar records, identifying recurring **inspection** and documentation requirements.
- Built an inventory worksheet for sign blanks, posts, hardware, and marking supplies after lab exercises.
- Presented maintenance recommendations using photographs, asset notes, field observations, and plan references to instructors.

## PROJECTS

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### School Zone Device Inspection Study 📅 2025

Reviewed school zone flashers, traffic counters, radar equipment, and maintenance records through supervised technical coursework. Findings connected inspection steps with clear asset documentation and safer service planning.

### Sign Fabrication and Corridor Inventory 📅 2025

Created a measured sign fabrication exercise and corridor inventory covering sign blanks, posts, hardware, pavement markings, visibility, and maintenance needs. Work supported practical field planning.

## LEADERSHIP & AWARDS

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- Technical Education Achievement Award, 2026
- Work Based Learning Recognition, 2026
- Peer Safety Ambassador, Technical Education Program

## CERTIFICATIONS

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- IMSA Work Zone Temporary Traffic Control Technician 📅 2026
- IMSA Signs and Pavement Markings Technician I, Training in Progress 📅 2026
- Valid Texas Driver's License 📅 2026

## PROFESSIONAL AFFILIATIONS

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- Community Roadside Cleanup Volunteer, supporting safer public rights of way
- Technical Education Program, Peer Safety Ambassador

## LANGUAGES

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- English (Native)
- Hindi (Intermediate)

## ADDITIONAL INFORMATION

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

## REFERENCES

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AVAILABLE ON REQUEST