

Hector Romero

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SUMMARY

Early career **road maintenance** candidate with supervised lab, field simulation, and research experience supporting pavement repair, drainage, culvert work, vegetation control, **traffic control**, equipment inspection, and outdoor public works safety. Completed practical exercises involving asphalt patch preparation, crack sealing, shoulder cleanup, ditch maintenance, debris removal, **material handling**, and temporary work zone setup. Applies PPE procedures, basic math, measurement, vehicle inspection, hand and power tool safety, and accurate time, material, maintenance, and inventory documentation. Training includes awareness of dump trucks, loaders, rollers, backhoes, power brooms, paving equipment, water trucks, and related machinery. Prepared for physically demanding work in traffic, dust, noise, uneven terrain, changing weather, and temperature extremes. Brings dependable attendance, clear team communication, safe work habits, and a practical foundation for **Oregon Class A CDL** advancement.

EDUCATION

High School Diploma
Mountain View High School GPA: 3.5
Coursework: Road maintenance, construction safety, equipment operation, basic math, traffic control

2025
Bend, OR

TECHNICAL SKILLS

- **Road Maintenance:** Asphalt patching, crack sealing, chip sealing
- **Drainage Systems:** Ditching, culvert work, pipe repair
- **Traffic Control:** Signs, cones, barricades, flagging
- **Heavy Equipment:** Dump trucks, loaders, rollers, backhoes
- **Road Machinery:** Graders, paving machines, chip spreaders
- **Safety Equipment:** PPE, guards, warning signs, barriers
- **Inspection Practices:** Vehicle checks, equipment checks, defect reporting
- **Maintenance Records:** Time records, material records, inventory records
- **Field Measurement:** Basic math, distance, area, volume
- **Outdoor Operations:** Snow response, ice response, emergency response
- **Roadside Features:** Guardrails, fences, pavement markings
- **Construction Tools:** Saws, compacting tools, power brooms

SKILLS

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|------------------------|-----------------------|----------------------|----------------------|
| • Road Maintenance | • Power Tools | • Vegetation Control | • Safety Records |
| • Traffic Control | • Asphalt Patching | • PPE Safety | • Team Communication |
| • Equipment Inspection | • Culvert Maintenance | • Basic Math | • Work Zone Setup |
| • Hand Tools | • Drainage Work | • Material Tracking | |

EXPERIENCE

Road Maintenance Trainee, Student Lab
Student Lab

January 2026 - Present
Bend, OR

Supervised practical training covered road maintenance, temporary traffic control, equipment inspections, **pavement** repair, drainage, vegetation work, documentation, and safe outdoor operations.

- Prepared potholes, placed cold mix, arranged **crack sealing**, and cleared shoulders under documented safety procedures.
- Built temporary work zones with cones, **barricades**, warning **signs**, and flagger positions for crew protection.
- Inspected light trucks and motorized equipment, recording tires, lights, controls, fluids, and visible defects.
- Used hand and **power tools** for cutting, sweeping, vegetation control, and surface preparation with **PPE**.
- Measured work areas and material quantities, then completed time, material, and maintenance records.
- Practiced safe lifting, loading, cleanup, and crew communication across uneven outdoor terrain.

Roadway Repair and Drainage, Course Project
Course Project

September 2025 - December 2025
Bend, OR

Supervised course project developed a roadway maintenance plan linking pavement distress, blocked drainage, vegetation encroachment, roadside features, traffic control, and resource planning.

- Developed a maintenance plan addressing **pavement** distress, blocked **drainage**, vegetation growth, and roadside damage.
- Calculated asphalt, aggregate, and culvert cleaning needs with distance, area, and volume measurements.
- Sequenced ditch cleaning, culvert **debris removal**, patching, shoulder restoration, and **traffic control** staging.

- Used shovels, rakes, compacting tools, and a power broom after documenting hazards and PPE.
- Created records listing labor time, materials, equipment needs, and observed maintenance issues for review.
- Presented sequencing decisions to instructors and classmates, linking inspection work with roadway risk reduction.

Public Works Equipment and Safety, Academic Research

March 2025 - August 2025

Academic Research

Bend, OR

Academic research examined heavy equipment, **vehicle inspection**, work zone hazards, traffic control, snow and **ice response**, chemical safety, and practical maintenance documentation.

- Compared **dump trucks**, loaders, rollers, **backhoes**, power brooms, and related equipment operating principles.
- Built inspection checklists covering brakes, tires, controls, attachments, fluids, guards, and visible defects.
- Studied traffic signs, **pavement** markings, vehicle operation rules, occupational hazards, and work zone controls.
- Evaluated snow, ice, traffic, equipment movement, uneven surfaces, and chemical use scenarios for practical controls.
- Organized equipment and safety findings in spreadsheets and short reports for instructor evaluation.
- Completed supervised equipment walk around and hazard communication demonstrations with consistent safe practices.

PROJECTS

Roadway Maintenance Planning Study 📅 2025

Created a supervised planning study that connected pavement repair, drainage, vegetation management, traffic control, equipment needs, material estimates, and maintenance records.

Heavy Equipment Inspection Guide 📅 2025

Prepared an academic inspection guide covering trucks, loaders, rollers, backhoes, power brooms, controls, fluids, tires, guards, and visible defects.

LEADERSHIP & AWARDS

- Outstanding Applied Trades Student, 2025
- Safety Practices Recognition, 2026
- Peer Safety Demonstration Volunteer, Student Lab, 2026

CERTIFICATIONS

- Valid Oregon Driver's License 📅 2025
- OSHA 10 Hour Construction Safety 📅 2026

PROFESSIONAL AFFILIATIONS

- Campus Community Cleanup Crew, 2025 to 2026
- Roadway Skills Study Group Coordinator, 2026
- Student Lab Safety Demonstration Volunteer, 2026

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST