Career Pathway: Transportation Safety Engineering





Graduate Degree Master's or PhD Engineering

With specialized research focused on safety data analysis and systems performance



+5 years specialized work experience with focus on systems performance analysis, model development, safety leadership, and collaboration-building

Senior Transportation or Highway Safety Engineer

Salary: \$86,171 - \$99,278 (Glassdoor)



Bachelor's Degree Civil Engineering

With coursework, research, or specialized experience/training on safety-focused roadway design & data analysis



+4-10 years work experience in roadway design, transportation operations, systems analysis or related, with a focus on safety performance.

Civil/Transportation Engineer

- Roadway Design Engineer
- Highway Safety Engineer
- Traffic Safety Engineer (SOC 17-2051)

Salary: \$84,770



Associate's Degree

With major coursework in CAD, design, GIS, engineering, statistics & mathematics +6-24 months work experience

POS ON-RAMP

preferred

CAREER OFF-RAMP

Engineering/Traffic Technician

- Traffic Technician (SOC 53-6041)
- Civil Engineering Technician (SOC 17-3022)

Salary: \$45,670 - \$51,620

PROGRAM OF STUDY

CAREER LADDER