

Civil Technician

Description

The Michigan Department of Transportation (MDOT) has several disciplines to select as a Civil Technician. We have five different classifications: Construction, Surveying, Drafting, Engineering, and Traffic Technician all of which are an integral part of creating and maintaining our highway system.

As a **Construction Technician** your primary responsibilities will be inspecting road and bridge projects in all phases of construction. This includes gradation testing, materials testing and checking soil content to determine if their quality is within industry standards.

As a **Survey Technician** your primary responsibilities will be to interpret engineering plans for staking and surveying current and future structures using Global Positioning Satellite (GPS) receivers and other various instruments. This position will also make mathematical computations and prepare technical drawings for design.

As a **Drafting Technician** your primary responsibilities will be to draw and prepare plans to determine appropriate dimensions for bridge and road design. This position also plots and lays out maps and graphs using computer aided drafting software.

As an **Engineering Technician** your primary responsibility will be to perform necessary testing and sampling of materials to collect data for recommendations on road and bridge construction. This includes soil boring and concrete core removal to determine if appropriate aggregate, concrete, bituminous and other construction materials are met.

As a **Traffic Technician** your primary responsibility will be prepare traffic plans for construction projects. This includes staking, street sign placement, pavement marking and signal light appropriateness as it relates too safety and traffic congestion.

MDOT offers the flexibility to move from one classification to the other, offering opportunity to experience different disciplines of a Civil Technician.

Qualifications: You must possess an associates degree in civil technology, drafting technology, architectural technology, or surveying technology.

The pay range for these positions is: \$12.07 to \$19.18 and hour.