

Destination MDOT

Are you ready to build our future?
Help build, inspect and maintain
our highways, bridges, railways
and airports!



The transportation technician is an essential and in-demand position throughout Michigan not only within the Michigan Department of Transportation (MDOT) but also in the transportation industry.

Transportation technicians work to apply principles of civil engineering in planning, designing and inspecting construction and maintenance of the state's infrastructure.



A successful transportation technician must have a working knowledge of algebra, construction materials, drafting, surveying, communication skills and computer skills.



Education: Associate's degree in civil technology, concrete technology, construction technology, construction management or surveying technology.



Alternative pathways to transportation technicians can be found in the job specification.

Scan the QR code
to hear
from our
technicians!



 Michigan Department
of Transportation

Duties of a transportation technician for MDOT include:

- Overseeing construction and inspection activities on projects to ensure that highways, bridges and transportation infrastructure are constructed to specifications.
- Performing field reviews on problem locations to determine the adequacy of existing infrastructure for inspection reports and recommendations.
- Conducting laboratory or field testing of soils and surface materials to include soil density testing, concrete and asphalt testing, and aggregate gradation testing.
- Executing field surveys of roads, building sites, bridges and environmental sites.



High School Class Suggestions



Mathematics: Algebra, geometry or trigonometry



Science: General science courses, physics, chemistry and biology



Communication and computer skills classes



[MDOT
Careers](#)



[Transportation
Career Pathways
Program \(TCPP\)](#)

Michigan Colleges/Universities with Applicable Degree Programs

Alpena Community College
Concrete Technology

Delta Community College
Construction Management

Ferris State University
Civil Engineering Technology
(Highways Emphasis)
Building Construction Technology

Henry Ford Community College
Civil Engineering Technology
Engineering Technology
(Construction Management)

Lansing Community College
Civil Technologies

Lawrence Technological University
Construction Engineering
Technology and Management (BS)
Concrete Technology and
Management (BS)

Macomb Community College
Civil Technology
Construction Management

Michigan Technological University
Civil Engineering (BS)
Construction Management (BS)

Monroe County Community College
Construction Management
Technology

Mott Community College
Building and Construction
Management

Northwestern Michigan College
Construction Technology
(Construction Management)
Survey (Associate Degree in
Applied Science)

St. Clair Community College
Engineering Technology

**Wayne County Community College
District**
Civil Testing and Inspection
Technician