

MDOT PROGRAMS

Construction Aide (Co-op): A statewide program for college students interested in civil engineering or technology. For more information, contact:

MDOT Co-op Coordinator at 517-335-2260 or by e-mail at mdot-coop@michigan.gov.

Website: www.michigan.gov/mdotcoop

MICHIGAN COLLEGES/ UNIVERSITIES WITH APPLICABLE DEGREE PROGRAMS

Alpena Community College, Delta Community College, Ferris State University, Grand Rapids Community College, Henry Ford Community College, Kalamazoo College, Lake Superior State University, Lansing Community College, Lawrence Technological University, Macomb Community College, Michigan Technological University, Mid Michigan Community College, Mott Community College, Monroe County Community College, Northwestern Michigan College, and St. Clair County Community College.



HELPFUL INFORMATION

It is suggested that you complete the following high school classes:

Mathematics: algebra, geometry, and trigonometry

Sciences: physics, chemistry, biology, and any other general science courses

Communications courses

If you would like more information or need this information in an alternative format, contact:

**Michigan Department of Transportation
Office of Human Resources
425 W. Ottawa, P.O. Box 30050
Lansing, MI 48909
517-373-1533**

Websites: www.michigan.gov/mdot
www.bit.do/MDOTJobs



MDOT: Providing the highest quality integrated transportation services for economic benefit and improved quality of life.

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A CAREER AS A Transportation Technician

WITH THE
MICHIGAN DEPARTMENT
OF TRANSPORTATION
AN EQUAL OPPORTUNITY EMPLOYER



JOB DUTIES

Employees in this position are engaged in a variety of tasks related to the design, construction, and operation of transportation facilities (e.g., roadways, bridges), real estate, and railroad activities. Some examples include:

- Conduct quality control inspection activities to ensure that highways, bridges, and allied transportation facilities conform to the plans and specifications contained in contractual construction agreements.
- Draws architectural and engineering details of roadways, buildings, structures, topographical features and more using computer generated techniques and programs.
- Provide technical engineering support to material testing and inspection, and the collection, analysis, tabulation, and application of engineering data.
- Assist in the surveying of roads, building sites, recreation areas, bridges, environmental sites, and determinations of land boundaries.
- Conduct activities to enhance highway safety and user efficiency through the collection, analysis, and application of traffic and highway safety data (e.g., traffic control, signing, signaling, and marking situations).

WORKING CONDITIONS

Employees work in field locations and office settings, and may require movement from one location to another, as well as exposure to work along busy highways, in adverse weather conditions, and on a variety of uneven or slippery surfaces. Some jobs require work on high structures, exposure to hazardous work environments, travel, and work in tunnels and crawl spaces.

PHYSICAL REQUIREMENTS

Employees may bend and reach for extended periods of time, bend or stoop in confined spaces, climb ladders, walk for extended periods of time, work under stressful conditions, move heavy objects, and/or traverse rough terrain.

EDUCATION

An associate's degree in concrete technology, civil technology, construction technology, surveying technology, construction management, mathematics, or computer science.

SALARY

Refer to the State of Michigan website at www.michigan.gov/mdcs and click on Compensation Plan in the MCSC Quick Links section.

