



STATE OF MICHIGAN
invites applications for the position of:

Transportation Planning Specialist 13 - Congestion Management Specialist

An Equal Opportunity Employer

JOB #: 5901-17-TP-38-TPSpl

DEPARTMENT: Transportation

JOB TYPE: Permanent Full Time

BARGAINING UNIT: SCIENTIFIC AND ENGINEERING (SEIU)

SALARY:

Hourly
\$27.28 - \$39.64

OPENING DATE: 01/09/18

CLOSING DATE: 01/23/18 05:00 PM

JOB DESCRIPTION:

As MDOT's Congestion Management Specialist, this position administers the management of MDOT's congestion, reliability, and mobility performance management through the development, evaluation, monitoring, and reporting of these measures statewide. This position will involve coordinating with other areas of MDOT to develop and report these measures. The specialist leads and co-leads several cross-functional teams, including the Statewide Congestion Management Group and the Transportation Performance Management (TPM) Implementation Team on System Performance Measures. Responsible for developing, implementing, and reporting processes for forecasting congestion, reliability, and mobility performance measures, and linking these measures to existing forecasting models. This position is responsible for developing enhancements to travel demand forecast models and their processes, to successfully respond and measure impacts to new performance measures for congestion, reliability, and mobility. Serve as the BTP representative on the Metro Region Dynamic Traffic Assignment (DTA) Model Development Team. In addition, this specialist position will coordinate with all Transportation Management Areas (TMAs) (Metropolitan Planning Organizations (MPOs) with urbanized area population greater than 200,000) in Michigan, to ensure they have a Fixing America's Surface Transportation (FAST) Act compliant Congestion Management Process (CMP) to implement performance-based planning and programming (PBPP) pursuant to federal regulations, and ensure that these CMPs support the performance measures developed as part of the MPOs metropolitan long-range transportation plans.

[Position Description](#)

MDOT-Jobs

REQUIRED EDUCATION AND EXPERIENCE:**Education**

Possession of a bachelor's degree in urban or regional planning, resources development, engineering, statistics, mathematics, geography, economics, or a related field.

Experience

Four years of professional experience equivalent to a Transportation Planner, including two years equivalent to a Transportation Planner P11 or one year equivalent to a Transportation Planner 12.

ADDITIONAL REQUIREMENTS AND INFORMATION:

View the entire job specification

at: http://www.michigan.gov/documents/TransportationPlanningSpecialist_13030_7.pdf

Position is located at 425 West Ottawa Street, Lansing, Michigan.

Applicants who possess a degree from a foreign college or university must have their academic credentials evaluated or converted into U.S. educational equivalents unless the degree has been recognized by the Council on Higher Education Accreditation (CHEA). Go to [evaluators](#) for a list of accepted organizations that evaluate foreign credentials. Failure to provide this evaluation at the time of application may result in you being screened out of the process.

Your application for any position does not guarantee that you will be contacted by the Department for further consideration. Only those applicants interviewed will be notified of the results.

Transportation
425 West Ottawa Street
Lansing, Michigan 48909

**Transportation Planning Specialist 13 - Congestion Management Specialist
Supplemental Questionnaire**

- * 1. TRPLSPL – Do you possess a bachelor's degree or higher in urban or regional planning, resources development, engineering, statistics, mathematics, geography, economics, or a related field? If so, please attach a copy of your official college transcripts.
☐ Yes
☐ No
- * 2. Did you attach a copy of your official transcripts? Failure to attach official transcripts may result in you being screened out of the process. Official college transcripts must contain your name, the college name/address, the degree conferred/date granted, coursework completed (especially if no degree was granted) and the Registrar's signature and/or seal. A scanned or electronic copy is acceptable, as long as it contains the elements listed above. Web-based, internet, or unofficial transcripts are not acceptable.
☐ Yes ☐ No
- * 3.

TRPLSPL2 – Do you possess at least four years of professional experience equivalent to a Transportation Planner, including two years equivalent to a Transportation Planner P11 or one year equivalent to a Transportation Planner 12?

☐ Yes

☐ No

- * 4. Can you, after employment, submit proof of your legal right to work in the United States?

☐ Yes ☐ No

- * 5. Do you possess a valid driver's license?

☐ Yes ☐ No

- * 6. Are you a current or former Michigan Department of Transportation employee?

☐ Current

☐ Former

☐ Neither

- * 7. Select the number of years' experience you have using transportation planning tools and methods, particularly GIS applications, applied statistics, development and application of spreadsheet and database models, and travel demand modeling:

☐ 5 or more years

☐ 3 - 5 years

☐ 1 - 3 years

☐ Less than 1 year

☐ No experience

- * 8. Please describe your experience using transportation planning tools and methods, particularly GIS applications, applied statistics, development and application of spreadsheet and database models, and travel demand modeling. If no experience, indicate N/A.

- * 9. Select the number of years' experience you have reviewing, interpreting, and implementing federal regulations related to the transportation planning process:

☐ 5 or more years

☐ 3 - 5 years

☐ 1 - 3 years

☐ Less than 1 year

☐ No experience

- * 10. Please describe your experience in reviewing, interpreting, and implementing federal regulations related to the transportation planning process. If no experience, indicate N/A.

- * 11. Select the number of years' experience you have using communication skills to present results of studies or projects, including presenting planning analysis and forecasts to technical and non-technical groups:

☐ 5 or more years

☐ 3 - 5 years

☐ 1 - 3 years

☐ Less than 1 year

☐ No experience

- * 12. Please describe your experience using communication skills to present results of studies or projects, including presenting planning analysis and forecasts to technical and non-technical groups. Please attach to your application both a writing sample and a presentation you have given. If selected for an interview, you will be asked to present an example of when you interpreted data and communicated the results to a non-technical group. Handouts are encouraged. If no experience, indicate N/A.

- * 13. Select the number of years' experience you have with planning, directing, and coordinating cross-functional teams:
 - ☐ 5 or more years
 - ☐ 3 - 5 years
 - ☐ 1 - 3 years
 - ☐ Less than 1 year
 - ☐ No experience

- * 14. Please describe your experience with planning, directing, and coordinating cross-functional teams. If no experience, indicate N/A.

- * 15. Select the number of years' experience you have working with the public and governmental agencies to plan, coordinate, and implement work projects:
 - ☐ 5 or more years
 - ☐ 3 - 5 years
 - ☐ 1 - 3 years
 - ☐ Less than 1 year
 - ☐ No experience

- * 16. Please describe your experience working with the public and governmental agencies to plan, coordinate, and implement work projects. If no experience, indicate N/A.

- * 17. The Congestion Management Specialist will perform advanced-level planning work in support of the Long-Range Transportation Plan. Please describe your training and experience in transportation planning and travel demand forecasting. Describe a particularly complex project that you believe exemplifies your experience, the challenges you were presented with on this project, and how you overcame those obstacles. If you do not possess related training and experience, indicate N/A.

- * 18. Please rate your level of expertise with TransCAD and other modeling or statistical software packages:
 - ☐ Advanced Experience (subject matter expert - able to teach others)
 - ☐ Intermediate Experience (requires little or no assistance)
 - ☐ Limited Experience
 - ☐ No experience

- * 19. Please describe your experience with TransCAD and other modeling or statistical software packages. If no experience, indicate N/A.

- * 20.

Select the number of years' experience working with large datasets, and developing and reporting performance measures:

- ☐ 5 or more years
- ☐ 3 - 5 years
- ☐ 1 - 3 years
- ☐ Less than 1 year
- ☐ No experience

* 21. Please describe your experience working with large datasets, and developing and reporting performance measures. If no experience, indicate N/A.

* 22. MDOT - Have you participated in any of the following MDOT Workforce Programs?

- ☐ MDOT Youth Development and Mentoring Program
- ☐ MDOT TRAC Program
- ☐ MDOT Co-Op Program
- ☐ MI Construction Career Days
- ☐ National Summer Transportation Institute (NSTI)
- ☐ Other
- ☐ N/A

* 23. MDOT - Where did you hear about this job? (Check all that apply)

- ☐ NEOGOV or Governmentjobs.com
- ☐ LinkedIn
- ☐ College/University Website
- ☐ Twitter
- ☐ Facebook
- ☐ Other Social Media
- ☐ Career Search Engine (i.e. Monster, Careerbuilder)
- ☐ Michigan Works!
- ☐ Career Fair
- ☐ GovDelivery
- ☐ Billboard
- ☐ Other

* Required Question