



Transportation Analyst

South Bend, Indiana

Entry to Mid-Level

Summary

The Michiana Area Council of Governments is seeking an innovative and motivated professional to fill a full-time Transportation Analyst position. The position performs a variety of tasks and activities that support the implementation of transportation planning and projects in the MACOG region. Particular focus on Travel Demand Modeling, traffic studies, and other long-range planning activities.

Duties

Primary responsibilities include:

- Responsible for maintenance and development of the Travel Demand Forecast Model.
- Apply transportation methods, planning principles, and new evaluations and analyses to support the planning, design, and implementation of transportation projects.
- Utilizes various types of software for qualitative and quantitative analysis and forecasts traffic congestion, traffic patterns, accessibility, and other transportation topics.
- Project-level alternatives analysis; traffic operations analysis and simulations.
- Engages and coordinates with local, state and federal stakeholders on Congestion Management Process, Air Quality Conformity, and Intelligent Transportation Systems.
- Develop, manage and implement databases and related activities.
- Develop, implement and maintain GIS databases and layers using ESRI ArcGIS.
- Design and execute effective dashboards, reports, and other interactive data visualizations that will lead to actionable insights.

Qualifications

- Bachelor's degree in Transportation Planning or Modeling, Computer Science, Statistics, Engineering, or related field.
- Experience performing statistical analysis related to transportation planning preferred.
- Experience with using TransCAD Transportation Planning Software.
- Experience with programming in languages such as Python, Java, R, and SQL.
- Experience with relational databases such as SQL Server, including writing queries that pull, combine, and summarize data.
- The candidate must have a high level of motivation and self-direction, ability to set goals and prioritize completing tasks.
- Ability to work independently and to partner effectively with colleagues.
- Strong communication and organizational skills.
- Candidates should be familiar with ArcGIS. Additional familiarity with Tableau Software is a plus.





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To Apply

Send a resume, letter of interest, and the names and contact information for three references to: macogdir@macog.com Attn: Transportation Analyst. The letter of interest should address the applicant's qualifications, interest, and ability to fulfill the duties of this job. For more information, visit the MACOG website at www.macog.com.

