# Transportation Modeler Analyst

**Location:** Evansville, Indiana
**Company:** Evansville Metropolitan Planning Organization (EMPO)
**Opening Date:** September 12, 2017
**Salary Range:** Actual starting salary will be determined by applicant qualifications and experience.
**Closing Date:** Until Filled

The Evansville Metropolitan Planning Organization (EMPO) is seeking a Transportation Engineer/Modeler to serve the Evansville (IN) – Henderson (KY) metropolitan region. Located in Evansville's walkable, bikeable, and transit accessible downtown, the EMPO's professional staff assists the MPO Board and Committees implement the strategies laid out to make the region a premier place to live, work, and play. EMPO is the place for you if you are searching for a career in a professional and stimulating environment that values diversity, innovation and rewards performance with excellent benefits and flexibility.

**Job Description**

This position leads the development, maintenance, and enhancements of the EMPO regional travel model and support model applications for various projects. Assignments may include data analysis, conducting and analyzing travel surveys, preparing travel model inputs, estimating future demand for the design of individual highway and transit facilities, and calculating travel time, delay, and level of service.

**Responsibilities**

- Apply transportation methods, planning principles, standard industry and new evaluations and analyses to support the planning, design and implementation of transportation project
- Travel demand modeling and analysis
- System planning and project prioritization
- Project-level alternatives analysis
- Traffic operations analysis and simulations
- Apply excellent written and oral communication skills in presentation of work activities to internal project teams, public and stakeholder groups
- Provide other technical assistance as required
- Performs other duties as assigned

**Qualifications**

- 4+ years of transportation planning, analysis or engineering experience
- Bachelor's or Master's degree in transportation planning, urban planning, civil engineering, geography, or mathematics

**Evansville Metropolitan Planning Organization**

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- Professional experience using traffic forecasting software (TransCAD) and/or traffic analysis software (e.g. TransModler, Vissim, Synchro, HCM)
- Experience with programming, macros or scripting (e.g. R, python, visual basic, SQL) is a plus
- Technical writing ability and excellent problem solving capabilities

**Benefits**

The Evansville MPO provides a comprehensive benefits package to full-time employees including:

- Paid holidays, vacation, sick, and personal leave;
- Health, vision, dental, and life insurance;
- Employer paid contributions to the Indiana Public Retirement Fund; and
- Access to other benefits such as voluntary contributions to a 457(b) plan.

*Pursuant to Federal Regulations 51.55(e) and (k)(6), the Evansville MPO does not discriminate on the basis of handicapped status in admission to, or treatment of employment in its programs and activities.*

Please submit your resume and cover letter electronically to kakin@evansvillempo.com