

## **Travel Modeler II**

The Mid-America Regional Council (MARC), the metropolitan planning organization and association of city and county governments serving the bi-state Kansas City region, is seeking a Travel Modeler to support MARC's transportation modeling capabilities.

### **Description**

This is a professional position that will support implementation and maintenance of the regional transportation models. The Travel Modeler will be part of a team that helps estimate, calibrate, validate, and apply multimodal travel demand models to help MARC expand its technical capabilities relating to air quality conformity, integration of transportation and land use planning, and transit planning. The position requires an individual with interest and flair for data analysis and management, strong attention to detail and an aptitude for using graphics and visual communication methods to summarize and convey technical results. The position also requires a collaborative team perspective and an ability to work with and within diverse groups.

### **Illustrative examples of work**

*The following represents the essential functions of this position. Additional duties may also be assigned and be essential to the successful performance of this position.*

- ✓ Knowledge of principles and practices of metropolitan planning and transportation and air quality emissions modeling
- ✓ Experience with data analysis and database management
- ✓ General understanding of GIS theory and experience with ArcGIS
- ✓ Experience or knowledge of programming in Python, SQL, C or similar language

### **Qualifications**

This position requires a master's degree in transportation planning, regional planning, geography, or closely related field and at least two years of related work experience.

This position requires an individual with competence in technical transit/transportation planning and analysis methods, as well as above average computer skills. Experience with transportation modeling, spreadsheet, database and GIS software is required. Experience with transportation modeling software, such as EMME, and emissions modeling software, such as MOVES, is preferred. Good written and verbal communication skills are essential. Applicants should have a working familiarity with metropolitan planning under current federal transportation and air pollution requirements.

### **How to Apply**

Starting salary for a Travel Modeler II is \$44,015 to \$55,018, depending upon qualifications. MARC offers an attractive team-oriented work environment along with a competitive fringe benefit package. For more information about the program and to apply please visit our website at [www.marc.org/jobs](http://www.marc.org/jobs). EOE Employer /M/F/V/D