TRANSPORTATION TRAVEL DEMAND MODELER

The Southeastern Wisconsin Regional Planning Commission has an immediate opening for an engineer or planner with a strong interest in travel demand modeling. For over 40 years the Commission has developed, maintained, and applied travel demand models in support of area-wide highway and transit planning for a seven county Region, and facility and corridor-level traffic engineering and transportation planning for local governments. The Commission is also responsible for forecasting vehicle emissions for the six county ozone nonattainment area within Southeastern Wisconsin. The current travel demand model is a state-of-the-practice four-step travel demand model developed in 2005. At this time, the Commission is refining these models and developing advanced and experimental modeling methodologies, such as activity-based modeling, in order to advance modeling practice within the Region. This individual would play a key role in travel demand forecasting efforts and in advancing modeling practice in Southeastern Wisconsin.

A minimum of a bachelor’s degree in engineering or planning is required for this entry level position. Desirable qualifications include:

- An understanding of travel demand forecasting concepts.
- An understanding of statistics and the use of statistical programs.
- Experience developing computer programs with a programming language such as FORTRAN or Visual Basic.
- Familiarity with MS Excel or other spreadsheet software.
- Familiarity with MS Access or other database manipulation software.
- Familiarity with ArcGIS 9.x or other GIS software.
- Familiarity with travel demand forecasting packages such as TRANPLAN, TP+, or Cube.

The Commission is an equal opportunity/affirmative action employer. Residency within the seven county Region is also required within six-months of date of hire.

Position is open until filled. Please submit resume via mail, fax, or e-mail to:

Ms. Elizabeth A. Larsen
Business Manager
Southeastern Wisconsin Regional Planning Commission
PO Box 1607
Waukesha, WI 53187-1607
Phone: (262) 547-6721
Fax: (262) 547-1103
E-mail: elarsen@sewrpc.org
www.sewrpc.org