

PLANNER II

DESCRIPTION OF WORK: (This job description is not intended to be an exhaustive list of all duties, responsibilities, or qualifications associated with the job.)

- Perform day-to-day model execution/operations under limited supervision, including core model and model input/output procedures.
- Make mathematical and statistical computations to check, arrange, summarize, and present transportation and land development data.
- Interpret model data for presentation in graphic form, and for use in analysis to support regional and local decision-making.
- Participate in performance of air pollution analysis.
- Assist in performance of model/forecasting analysis for transportation projects, corridor studies and other special studies.
- Provide data support and technical support for local modeling efforts.
- Perform leading technical role, under supervision of Model Group Leader, in conduct of modeling research to improve existing model and model operations.
- Serve in a supervisory capacity on selected travel modeling projects and tasks, directing other staff involved in travel modeling activities.
- Direct and/or perform special studies.

QUALIFICATIONS FOR APPOINTMENT

Knowledge, Skills, and Abilities:

- Working knowledge of the principals and practices of regional transportation and traffic planning.
- Knowledge of TransCAD's GISDK programming language, or similar, and knowledge of transportation modeling and computer simulation sufficient to operate four-step model with limited supervision.
- Strong mathematical skills (calculus, statistics, etc.).
- Computer programming skills (C#, C++, Java, or similar)
- Experience with modeling operations in Trans CAD preferred.
- Familiarity with database theory and software; familiarity with GIS software preferred.
- Ability to contribute to preparation of comprehensive technical reports.
- Ability to effectively communicate orally before technical groups.
- Must be able to establish and maintain effective working relationships.

Education and Experience:

- MS/MA in transportation engineering, urban planning, operations research, applied mathematics, computer science or similar, with introductory curriculum in travel modeling theory and practice.
- Two years experience in travel modeling operations or similar technical tasks, including minimum one-year model operational experience.
- Equivalent combination of applicable education and experience.

STATUS: Full-time, Exempt

SALARY: Grade 7, Hiring range: \$4,206 - \$5,049/month depending on qualifications

APPLICATION DEADLINE: May 7, 2010

To apply, visit www.drcog.org

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