

DENVER REGIONAL COUNCIL OF GOVERNMENTS
OPEN POSITION ANNOUNCEMENT: PLANNER V (Travel Model Manager)

(April 2014)

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

The position of Planner V (Travel Model Manager) serves under the direction of the Director of Regional Planning & Operations.

- Supervises the travel model team, including technical management. Oversees the strategic development of the team (training plans, budgeting plans, etc.).
- Oversees, and may conduct development, maintenance, and operation of the regional travel model, including model calibration and validation.
- Works with outside agencies and member jurisdictions on use of the travel model and develops a strategic approach to its region-wide use.
- Performs and/or oversees: air pollution analysis; travel modeling/forecasting analysis for transportation projects; corridor studies and other special studies; data support and technical support for local modeling efforts; modeling research to improve existing model and model operations.
- Conducts project management, contract management, work plan development and budgetary oversight of large, technically complex, multi-year projects.
- Provides primary travel model coordination with other DRCOG divisions and groups.
- Coordinates with other DRCOG technical teams and divisions on major joint projects (e.g. regional land use model).
- Presents and explains model results to various committees and/or groups.
- Plays a key role in working with the Regional Planning and Operations division director on the strategic direction of the division.

QUALIFICATIONS FOR APPOINTMENT

Knowledge, Skills, and Abilities:

- Expert knowledge of advanced transportation modeling theory and practice (particularly four-based travel modeling), and contemporary computer simulation practices as it relates to the principals and practices of regional transportation and traffic planning.
- General understanding of GIS theory and practice.
- Demonstrated modeling theory and practice knowledge sufficient to lead complex travel model upgrade efforts.
- Ability to:
 - manage and motivate technical staff,
 - independently develop and execute large, complex, multi-year projects,
 - prepare comprehensive technical reports and presentations,
 - effectively communicate orally before internal/external groups,
 - exhibit computer proficiencies: including Excel, relational database software, modeling software, spatial data management and analysis software,
 - establish and maintain effective working relationships,
 - manage and participate in projects that require a strong attention to detail,
 - schedule work and carry-out assignments with limited supervision,
 - lead a software development process from design to the operational deployment of object-oriented-based software systems.

Education and Experience:

- MS/MA in transportation engineering, urban planning, operations research, or similar.

- Training in travel modeling theory and practice, including a graduate level class in theory and application of discrete choice modeling, or equivalent.
- Five years experience in travel modeling development/operations, transportation management, or transportation planning.
- Project management training and experience required.
- Three years experience in software programming. Experience in object oriented software programming (Java, C++, C# or similar language) and enterprise-level database software (e.g. Microsoft SQL-Server, Oracle, etc.) desirable.
- Experience with database use and deployment (scripting, SQL queries, BMPs for database management and security).
- Two years of management/supervisory experience.
- Equivalent combination of applicable education and experience.

STATUS: Full-time, Exempt

SALARY: Grade 10: \$6,344 - \$9,207/month depending on qualifications

This position will close at 3:00 p.m. Mountain time on Wednesday, April 30, 2014.

Equal Employment Opportunity Employer: M/F/D/V