



JOB ANNOUNCEMENT

Job Title: GIS Specialist-Transportation Department

Starting Annual Salary: \$45,655 annually

Applications will be accepted until February 6th, 2009

Boulder County is a progressive community that encompasses over 740 square miles, is home to nearly 300,000 residents, supports an annual budget of \$280 million, and includes some of the most diverse, natural landscapes and smart-growth development along the Front Range. Our County's leaders and employees have long held a commitment to being stewards of our land, environment and community. From visionary open space, land use and sustainability policies to forward-thinking public service programs, our County government help foster a vibrant, healthy and active community. As individuals and an organization, we value and respect diversity, striving for a high quality of life for all employees and residents. Our policies and practices reflect our dedication to providing the very best in public service.

Position Description

The Boulder County Transportation Department is seeking a **GIS Specialist** to manage, develop, and maintain GIS spatial data, metadata, ArcMap layers and graphics for transportation-related programs and projects in Boulder County. This position is also responsible for data presentation, cartographic services and coordination with other department work functions, County departments, outside agencies and other organizations. Specific duties will include: consolidating existing datasets for roadway centerlines, rights-of-way, regional trails projects and plans, and current and future transit routes; developing new layers based on existing information for roadway structures information, roadway condition, capital projects and accident data; developing departmental maps showing reference data for GIS layers and of project specific maps for illustration of project plans, issues, and alternatives; on-going maintenance and annual update of County Road Map; developing and maintaining linear-referencing systems for transportation layers; maintaining a file-linked database of GIS attributes relating to project status, roadway and trail data, performing data and measurements of effectiveness; participating with the Countywide GIS Steering Committee to improve coordination of GIS data with rest of County; communicating and collaborating with local, regional, and State partners for integrated information exchange; performing other duties as required.

Benefits

Boulder County is a progressive employer offering a stable working environment, a comprehensive benefits package including health, dental and life insurance, PERA and Social Security retirement plans, wellness programs, paid vacation and holidays, bus passes and more. Check us out at www.bouldercounty.org.

Qualifications

Requires a Bachelor's degree in an Earth Science, Planning, Engineering, or Cartography with a minimum of 30 semester hours in courses pertaining to GIS, cartography, surveying, geodesy, geography, or photogrammetry. Requires two years of experience in GIS, and/or cartography preferably to include experience with surveying, geodesy, geography, mathematics and photogrammetry or computer related mapping, with an emphasis on Geographic Information Systems using ArcGIS. Must have a through knowledge of the following: surveying and mapping principles and practices; timely development of presentation quality maps, GIS data conversion and management; database theory, data structure, and estimates of error. A working knowledge of Microsoft Access is also required. Requires a demonstrated ability to consolidate large amounts of isolated data into GIS datasets for use in broader applications and to retrieve data as needed. Must be able to carry-out assignments independently with minimal supervision and be able to resolve conflicts using independent judgment based on surveying mapping, mathematical and assessing principles. Must have excellent verbal and written communication skills. The ability to establish and to maintain effective working relationships with employees, other County Departments, governmental agencies, special districts, private businesses and the public is essential. Previous experience in transportation planning, management and development of transportation data and the development of high quality transportation planning graphics and maps preferred.

Application Process

An application must be completed for each position. No resumes accepted in lieu of application. Apply to Boulder County Human Resources, P.O. Box 471, Boulder, CO 80306; at the Courthouse East Wing at 2025 14th Street, Boulder, or apply online at www.bouldercounty.org. All new employees and rehires will be required to provide documentary proof of their eligibility for employment. Boulder County is a public employer; therefore all applications are public information. Job line 303-441-4555 extension: 98045

**Deaf and hard of hearing assistance, call Relay Colorado 1-800-659-2656.
Boulder County is an Equal Opportunity/Affirmative Action Employer**