



EMPLOYMENT OPPORTUNITY
ANNOUNCEMENT

District or Division: Central Office

This position is open to: General Public

Virginia Department of Transportation

Working Title: System Analysis Program Manager
Role Title: Architect / Engineer II
Position Number: #21244
Work Location: Richmond City
Pay Band: 6
Job Type: Full-time Part-time Temporary Hourly/Wage
Hiring Salary Range: \$53,510 – \$109,818 (*Salary negotiable based on training and experience*)
Closing Date: 01/16/2012

RMS Job Posting Number:

Job Description: Develops and manages the System Analysis Program so as to promote quality and effective analysis of traffic networks, intersections and road segments throughout the Department aimed at reducing delays while improving safety and convenience. Leads statewide policy development in this area and provides appropriate guidance. Assists internal stake holders with challenges in analysis and simulation tool usage by providing expert advice. Reviews and assesses new analysis and simulation tools and develops policies and guidelines for their effective use as appropriate.

Identifies, evaluates and prioritizes congested locations and mitigation projects throughout the state through close coordination with the Regions/Districts and other stake holders. Reviews traffic performance measures to identify problems, conduct traffic analyses of the network to identify potential solutions and to prioritize. Disseminates performance measures to internal stakeholders to assist in the assessment of effective improvements and resource allocation.

Evaluates new strategies for reducing congestion and improving safety and eliminating bottlenecks and develops policies and guidelines for their use and deployment.

Oversees the Red Light Camera Photo Enforcement Program and provides guidance to regions and localities to insure that the laws and policies are appropriately followed. Makes revisions where appropriate as well. Provides support to legislative requests and inquiries.

Minimum Qualifications: Considerable knowledge of Traffic Engineering principles, practices and procedures, particularly traffic flow theory. Considerable knowledge of traffic engineering analysis practices and related software, including safety and capacity analysis tools such as Synchro, CORSIM, VISSIM and HCS. Ability to analyze large quantities of complex data and to manage multiple, complex statewide programs. Ability to communicate effectively both orally and in writing. Ability to develop effective relationships at all organizational levels both in and outside of the agency. Ability to manage a diverse workload. Competency in directing and motivating others while coaching and developing a diverse professional staff. Additional competency in driving for results while managing programs is necessary. Work history that demonstrates experience in making presentations to groups and providing training. Work history that demonstrates excellent verbal and written communication skills.

Extensive knowledge of performance measure metric development and implementation. Excellent process management competencies are necessary to analyze, validate, and make use of concepts and information products developed by others. Ability to manage the evaluation and development of innovative solutions for engineering initiatives that improve congestion and mobility. Knowledge of relational database processes. Skilled in the use of Microsoft Access and other computer office products.

Preferred Qualifications: Four year degree in Civil Engineering or related engineering discipline or equivalent combination of education, training, or experience to substitute. Considerable experience in traffic engineering, especially

micro-simulation. Experience writing reports, supervising and developing staff, and managing programs. Experience in policy development, interpretation, and analysis. Experience with the development and implementation of transportation performance measures and transportation improvement projects. Experience scoping projects, negotiating for resources, leading cross-functional teams to deliver projects and programs.

Special Requirements: PE designation required. This position requires a fingerprint based criminal history background check.

Special Instructions to Applicants:

In addition to a rewarding work experience, VDOT offers core benefits including competitive health and life insurance programs, pre-tax spending accounts, and leave programs. Employees participate in a State Retirement Plan; a tax-deferred Retirement Savings Plan with employer-matching provisions is also available. Employees are eligible for participation in a Short and Long Term Disability Program after one year of employment. Miscellaneous benefits include paid holidays, training and tuition assistance programs, wellness programs, etc.

On-line application required. For benefits information or to apply on-line, visit <http://www.VDOT.jobs>. For additional assistance contact the Human Resources Office at: (xxx) xxx-xxxx or VA Relay Center: 1-800-828-1120.

Equal Opportunity Employer