

**MONTGOMERY COUNTY GOVERNMENT, VIRGINIA
POSITION DESCRIPTION**

TITLE: COUNTY ENGINEER

GENERAL DESCRIPTION

The essential function of the position within the organization is to oversee County engineering projects. The position is responsible for providing engineering and management expertise for the design and construction of county facilities, and for providing supervision for the County's General Services Department. The position develops and implements programs within organizational policies; reports major activities to executive level administrators through conferences and reports.

PRIMARY DUTIES: *This list represents the essential tasks performed by the position. Employees may be assigned additional duties by management as required.*

Managing the County Building Inspection department.

Administering construction contracts for the County.

Administering environmental compliance functions, including post closure reporting and sampling requirements on the county owned landfills.

Administering engineering and architectural contracts, including developing preliminary plans through final completion.

Designing construction projects, including plans and bid documents.

Supervising and managing erosion and sediment control inspection, plan approval, and enforcement.

Investigating and resolving citizen complaints.

DATA RESPONSIBILITY: *Data refers to information, knowledge, and conceptions obtained by observation, investigation, interpretation, visualization, and mental creation. Data are intangible and include numbers, words, symbols, ideas, concepts, and oral verbalizations.*

Synthesizes or integrates analysis of data or information to discover facts or develop knowledge or interpretations; modifies policies, procedures, or methodologies based on findings.

PEOPLE RESPONSIBILITY: *People refers to individuals who have contact with or are influenced by the position.*

Mentors others by advising, counseling, or guiding them regarding problems that may be resolved by scientific or other professional principles.

INVOLVEMENT WITH THINGS: *Things refers to inanimate objects such as substances, materials, machines, tools, equipment, work aids, or products. A thing is tangible and has shape, form, and other physical characteristics.*

Establishes policies for acquiring and handling machines, tools, equipment, or work aids involving extensive latitude for judgment regarding attainment of standard or in selecting appropriate items.

ASSETS RESPONSIBILITY: *Assets responsibility refers to the responsibility for achieving economies or preventing loss within the organization.*

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Requires responsibility and opportunity for achieving widespread economies and/or preventing losses through the development and administration of organization-wide programs and policies that impact the operations of two or more major departments or three or more minor departments, or for providing legal counsel to the elected officials.

SAFETY OF OTHERS: *Safety of others refers to the responsibility for other people's safety, either inherent in the job or to assure the safety of the general public.*

Requires management level responsibility for application and interpretation of the policies regarding the provision of continuous enforcement of the laws and standards of public health and safety.

MATHEMATICAL REQUIREMENTS: *Mathematics deals with quantities, magnitudes, and forms and their relationships and attributes by the use of numbers and symbols.*

Uses advanced algebra working with exponents and logarithms or linear quadratic equations; analytic geometry; and/or statistics, applying mathematical operations to frequency distribution, reliability and validity, analysis of variance, or correlation techniques.

COMMUNICATIONS REQUIREMENTS: *Communications involves the ability to read, write, and speak.*

Reads scientific and technical journals, abstracts, financial reports, and legal documents; writes complex articles and reports; makes presentations to professional groups.

COMPLEXITY OF WORK: *Complexity of work addresses the analysis, initiative, ingenuity, creativity, and concentration required by the position and the presence of any unusual pressures.*

Performs work involving the application of principles of logical thinking and scientific practice to diagnose or define problems, collect data and solve abstract problems with widespread unit or organization impact; requires sustained, intense concentration for accurate results and continuous exposure to unusual pressure.

IMPACT OF DECISIONS: *Impact of decisions refers to consequences such as damage to property, loss of data or property, exposure of the organization to legal liability, or injury or death to individuals.*

Makes decisions with extremely serious impact - affects entire organization and impacts other activities/organizations and the general public; loss of life and/or damage is highly likely.

EDUCATION AND EXPERIENCE REQUIREMENTS

EDUCATION REQUIREMENTS: *Education requirements refers to job specific training and education required for entry into the position.*

Requires bachelor's degree in Civil Engineering, or a related field.

LICENSES, CERTIFICATIONS, AND REGISTRATIONS REQUIRED: *Licenses, certifications, and registrations refers to professional, state, or federal licenses, certifications, or registrations required to enter the position.*

Requires valid driver's license or CDL.

EXPERIENCE REQUIREMENTS: *Experience refers to the amount of work experience that is required for entry into the position that would result in reasonable expectation that the person can perform the tasks required by the position.*

Requires over ten years of related experience.

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AMERICANS WITH DISABILITIES REQUIREMENTS

PHYSICAL DEMANDS: *Physical demands refers to the requirements for physical exertion and coordination of limb and body movement.*

Requires sedentary work involving standing or walking for brief periods, exerting up to 10 pounds of force on a regular basis, and some dexterity in operating office equipment.

UNAVOIDABLE HAZARDS: *Unavoidable hazards refers to unusual conditions in the work environment that may cause illness or injury.*

The position is exposed to extreme heat/cold, wet or humid conditions, bright/dim lights, dust or pollen, intense noise levels, vibration, fumes or noxious odors, moving mechanical parts, electrical shock, heights, traffic, and toxic or caustic chemicals.

SENSORY (ADA) REQUIREMENTS: *Sensory requirements refers to hearing, sight, touch, taste, and smell necessary to perform the tasks required by the position efficiently.*

The position requires normal visual acuity and field of vision, hearing, speaking, color perception, depth perception, and texture perception.

AMERICANS WITH DISABILITIES ACT COMPLIANCE

The Montgomery County Government of Virginia is an Equal Opportunity Employer. ADA requires the County to provide adequate accommodations to qualified persons with disabilities. Prospective and current employees are encouraged to discuss ADA accommodations with management.