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ENGINEER V

NATURE AND VARIETY OF WORK

This is professional technical engineering and managerial administrative work which includes the responsibility for one of the following assignments: (1) directing the activities of a major division of the department to which assigned; (2) providing complex staff assistance to high level management personnel; or (3) assignment as an Assistant Bureau Chief. Responsibilities extend to participation, with high level management personnel, in the continual review, appraisal and evaluation of the overall public works, transportation, environmental and construction programs. Activities and work are evaluated for the degree to which they successfully contribute to the accomplishment and fulfillment of the goals and objectives of a department. Work is performed with a high degree of independent judgment and under the general supervision of an Associate Director, Deputy Director or Director.

EXAMPLES OF WORK (ILLUSTRATIVE ONLY)

Exercises the full range of supervisory duties and responsibilities.

Plans, directs and evaluates the work of a large group of personnel engaged in the development of designs and construction of a variety of engineering related programs and projects.

Assists high level management personnel (Director, Deputy Directors, and Associate Directors) in defining organizational goals and objectives; developing general and specific methods and programs necessary for achieving the established goals and objectives; establishing administrative and budgetary policies and procedures; and coordinating various projects and related programs.

Plans and conducts research in problem areas of considerable scope and complexities that are difficult to define and require sophisticated research techniques.

Represents the department to which assigned and the County at seminars, conferences and meetings with citizens, elected officials and municipal, state, federal and other governmental agencies.

Willingly and cooperatively performs tasks and duties which may not be specifically listed in the class specification or position description, but which are within the general

occupational category and responsibility level typically associated with the employee's class of work.

REQUIRED KNOWLEDGES, SKILLS AND ABILITIES

Extensive knowledge of engineering practices and principles and the current developments and literature in the field of engineering required by the position.

Ability to supervise and direct a large group of diversified personnel to include planning, assigning and evaluating work on major projects.

Ability to prepare and present written and oral reports related to technical engineering subjects, the policies of the County and general information related to the projects and programs of the County.

Ability to establish and maintain effective working relationships with associates and other employees, representatives of other governmental agencies, elected officials and the general public.

MINIMUM QUALIFICATIONS

Bachelor's degree in the engineering field (civil, transportation, architectural, mechanical, fire protection, agricultural, agronomy, etc.) as determined by the requirements of the position and at least five (5) years of experience as an engineer, including at least three (3) years of supervisory and/or managerial experience; or an equivalent combination of at least nine (9) years of relevant education and experience, including three (3) years of managerial and supervisory experience and training.

DESIRABLE QUALIFICATIONS

Possession of, or eligibility for, a Professional Engineer's license as issued by the State of Maryland.