

## ENGINEERING TECHNICIAN II

### NATURE AND VARIETY OF WORK

This is full performance para-professional engineering work being performed in the field or office, where the application of engineering skill is applied. Incumbents assist higher level, para-professional or professional engineering positions by providing skilled and technical work in support of County-wide engineering and planning projects. Incumbents perform the full range of assignments that afford opportunities for independent judgment and technical evaluation under the general supervision of a higher level engineering technician or engineer position. Employees in this class may provide technical guidance to subordinate level technical and para-professional engineering personnel.

### EXAMPLES OF WORK (ILLUSTRATIVE ONLY)

Performs the full range of para-professional engineering work in the field or office.

Performs field investigations and surveys of County engineering projects/activities in order to obtain first-hand information that will assist in evaluating the acceptability/feasibility of a project and its compliance with established codes, policies, regulations, standards and specifications.

Collects, compiles and analyzes engineering data, in order to make recommendations to supervisor and complete assigned studies.

Performs mathematical computations in order to tabulate statistical engineering data collected or compiled in the office or field.

Prepares plans and drawings and reviews consultant plans for accurate use of County standards using field notes or sketches.

Assists in assembling specifications into final form for projects designed in-house and in reviewing some for consultant projects.

Maintains accurate, complete and retrievable data/statistics/documentation/logs for inclusion in reports, or to provide information as requested, using a knowledge of record maintenance.

Responds to inquiries and complaints from County residents, businesses, consultants and other agencies concerning engineering projects/activities either orally or in writing.

May be required to use automated equipment in conjunction with assigned duties and responsibilities.

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

Good knowledge of basic engineering concepts, principles, practices and techniques.

Good knowledge of mathematics including algebra, geometry and trigonometry.

Ability to accurately read, interpret and prepare plans, maps and specifications.

Ability to compile and analyze technical data.

Ability to communicate orally and in writing.

Ability to follow oral and written instructions.

Ability to maintain records, logs and files.

Ability to provide technical guidance to subordinate level technical and para-professional engineering personnel.

#### MINIMUM QUALIFICATIONS

Graduation from high school or GED including or supplemented by courses in algebra, geometry and trigonometry, plus two (2) years of para-professional engineering work, one (1) of which must have been at the Engineering Technician I level or equivalent; or an equivalent combination of education and experience.

#### CONDITIONS OF EMPLOYMENT

Good physical condition.

Possession of a valid driver's license.

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REVISED: 3/76  
REVISED: 10/88