

LANCASTER COUNTY  
CIVIL ENGINEER II

NATURE OF WORK

This is advanced level professional civil engineering work performed in the office or field.

Work involves responsibility for the application of professional engineering skills to projects requiring practical civil engineering experience in connection with the design, construction, inspection or maintenance of a variety of engineering projects. This class is distinguished from the Civil Engineer I in that this level requires practical civil engineering experience. Further, this class is distinguished from the Civil Engineer III in that, although practical civil engineering experience is required, registration as a Professional Engineer is not. General supervision is received from a higher level professional with work being reviewed in the form of reports, inspection of projects and evaluation of accomplishments. Supervision may be exercised over professional and subprofessional subordinates.

EXAMPLES OF WORK PERFORMED

Performs and may supervise the preparation of preliminary designs or reviews designs prepared by outside engineering firms.

May plan, coordinate and supervise inspection and survey work for one or more major construction projects.

Assists with the design, construction, inspection and maintenance of road and bridge construction projects; performs quality testing, selection and investigation of materials involved in various construction projects.

Maintains construction records and prepares reports as required.

Performs related work as required.

DESIRABLE KNOWLEDGES, ABILITIES, AND SKILLS

Considerable knowledge of modern principles and practices of professional civil engineering.

Considerable knowledge of modern methods and techniques as applied to the construction and maintenance of a variety of engineering projects.

Considerable knowledge of land and engineering survey systems, methods, and techniques.

Considerable knowledge of the principles, practices, and techniques of engineering drafting.

Ability to adapt approved engineering methods and standards to the design and construction of a variety of engineering projects.

Ability to prepare technical reports in connection with assigned projects.

Ability to establish and maintain effective working relationships with governmental officials, associates, subordinates, and the general public.

Skill in the use and care of drafting instruments.

#### DESIRABLE TRAINING AND EXPERIENCE

Graduation from an accredited four year college or university with major course work in civil engineering; possession of valid Engineer In Training Certificate; and experience at the Civil Engineer I level.

#### MINIMUM QUALIFICATIONS

Possession of a valid Engineer In Training Certificate and some experience at the Civil Engineer I level.

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