

CONSTRUCTION ENGINEER I

JOB RESPONSIBILITY

Under general supervision, is responsible for performing a variety of professional engineering work in the office and field; performs other related duties as required.

ILLUSTRATIVE DUTIES

The duties listed below are intended to illustrate work functions performed by this classification:

Prepares Traffic Engineering studies and reports;

Designs new culverts; prepares or supervises preparation of construction plans for culverts;

Designs new highway construction; prepares or supervises preparation of construction plans for highway construction including pavement, traffic control, guardrail and drainage;

Inspects or supervises inspection of all types of county highway construction projects performed by contractors; makes detailed hydraulic studies and calculations, as required; performs various surveying work, as required; supervises county work crews on projects; operates transit; checks grades and levels;

Estimates quantities and costs of materials needed in construction; assists in purchasing of materials and equipment for maintenance repair or replacement of culverts; prepares contract documents, advertisements, plans and specifications for bidding; performs all other related duties as required.

NECESSARY SKILLS, KNOWLEDGE AND ABILITIES (At time of filing application)

Knowledge of principles and theories of civil engineering; knowledge of methods, materials and equipment used in public works construction; knowledge of surveying as related to development of preliminary plans for construction work; knowledge of highway, hydraulic design; knowledge of public relations; ability to prepare specifications and technical reports; ability to interpret field data; ability to communicate effectively; ability to develop and maintain effective working relationships with associates, supervisors and the general public; ability to supervise others.

UNUSUAL WORKING CONDITIONS

Walking, climbing, working outdoors in inclement weather, may be exposed to dirt, dust, fumes, noise, water, inclement weather and/or moving traffic. Sitting at desk for long periods of time; exposure to construction sites, variable terrain, variable temperatures. May be required to work weekends or holidays and variable hours during heavy construction periods.

Construction Engineer I (Continued)

QUALIFICATIONS FOR EMPLOYMENT

Any combination of training and work experience which indicates possession of the skills, knowledge and abilities listed above. Engineer-in-Training (EIT) or Fundamentals of Engineering (FE) preferred. An example of minimum acceptable qualifications for this position is:

Possession of a B.S. degree in Civil Engineering, or a closely related field. Possession of a valid State of Ohio motor vehicle operator's license and verification of vehicular insurability under the Medina County Commissioner's requirements.

Please contact Dan Becker at (330) 723-9556 or dbecker@medinacounty.gov with any questions.