

COUNTY ENGINEER

DEFINITION

Under the direction of the County Board of Supervisors, coordinates and supervises the construction and maintenance work performed on the county secondary road system; performs related work as required.

DUTIES

Plans, coordinates, allocates and supervises the engineering and construction assignments associated with the maintenance and repair of the secondary road system; prepares the annual budget and administers the funds for the secondary road system in accordance with the Iowa Department of Transportation specifications; oversees the design, planning and priority setting for all road, bridge and culvert work; coordinates construction projects between county and public or private agencies on public land; supervises and inspects all construction and maintenance work and ensures its economical and efficient performance; in consultation with the Board of Supervisors, prepares the annual road construction program and establishes long-range priorities; prepares specifications for and secures bids or multiple quotations on needed equipment; prepares plans, estimates, and advertises letting information for construction projects; establishes departmental personnel policies and makes the final employee hiring and firing decisions; performs public relations work within the community and the state; keeps the Board of Supervisors posted on new state and federally imposed regulations affecting the operation of the department; consults with the public concerning problems or complaints.

ENTRY REQUIREMENTS

Required Knowledge, Abilities and Skills. Considerable knowledge of current developments, literature and information concerning public works engineering; considerable knowledge of the principles and practices of engineering and modern office management; ability to plan and supervise the work of technical and professional personnel in a manner conducive to efficient, economical and full performance effort; ability to exercise good engineering judgement in appraising situations and making decisions. Considerable knowledge of the principles of land surveying and the preparation of legal descriptions and plats.

Minimum Education, Training and Experience. Four (4) years of college with major course in civil engineering; thorough professional experience in civil engineering and land surveying including field and office experience plus four (4) years of extensive and progressively responsible highway engineering work.

Required Special Qualifications. Possession of a valid State of Iowa certificate of registration as a professional engineer; must be qualified to be bonded.