

## **CIVIL ENGINEER IV**

**00113611**

**Opening Date:** Jan 30, 2012 **Closing Date:** Feb 12, 2012

**Shift Start Time:** 8:30 A.M. **Shift End Time:** 4:30 P.M.

**Collective Bargaining Unit :** None

**Posting Grade-Step:** 21 - 1 **Posting Salary:** \$67,496.00

### **Job Summary:**

Provides direct technical and administrative assistance to the Chief Construction Engineer in the performance of professional engineering work of considerable difficulty requiring an advanced knowledge of engineering designs and specifications for complex construction, renovation and stormwater management projects. Serves as project manager as assigned, and coordinates large, complex construction and renovation projects. Provides technical assistance and direction to Civil Engineers I, II, III and Engineering Assistants. Performs tasks and duties required of a Professional Engineer (PE) and other related duties as required.

### **Minimum Qualifications:**

Must possess a Bachelor of Science degree or higher from an accredited college or university in Civil Engineering.

Must possess four (4) or more years of full-time work experience as a Civil Engineer, including at least 2 years full-time experience as an administrator or project manager on stormwater management projects.

Must possess three (3) or more years of full-time work experience dealing with stormwater systems, hydraulics and hydrology.

Must possess one (1) or more years of full-time work experience using AutoCAD and AutoCAD civil engineering software.

Must be certified as a Professional Engineer (P.E.) in the State of Illinois.

Must possess a current valid driver's license.

**Proof of education and license will be required at time of interview.**

### **Knowledge, Skills, Abilities and Other Characteristics:**

Extensive knowledge of the principles, practices and techniques of engineering as applied to the design and construction of park related structures and facilities. Knowledge of and experience dealing with standard sources of engineering information, IDOT standard specifications, OSHA laws and their application. Skill and proficiency in the operation of drafting and survey equipment. Ability to read and interpret contract plans and specifications. Knowledge of the

operations of the District. Ability to communicate effectively with other professional engineers, constituents and staff. Skill in developing site plans for construction, renovation and stormwater management projects. Ability to make recommendations requiring an extreme knowledge of design and engineering principles. Skill and proficiency in making informed visual surveys of construction sites. Knowledge and ability to direct and coordinate plans through various levels of rank and title. Ability to take charge of large scale engineering projects requiring the application of established engineering standards.

**MUST BE A RESIDENT OF COOK COUNTY OR BECOME A RESIDENT WITHIN SIX (6) MONTHS OF EMPLOYMENT AND MAINTAIN COOK COUNTY RESIDENCY AT ALL TIMES DURING EMPLOYMENT BY THE DEPARTMENT**

**The duties listed are not set forth for purposes of limiting the assignment of work. They are not to be construed as a complete list of the many duties normally to be performed under a job title or those to be performed temporarily outside an employee's normal line of work.**