



Design Engineer II

Position Summary:

An entry level position with nominal experience, a Design Engineer II assists senior, professional engineers in design, development, and the provision of services/products for air transportation industry clients by applying engineering principles and technologies so as to exceed clients' expectations.

Tasks:

Under the guidance and supervision of professional engineers, incumbent performs a variety of engineering planning, design and construction phase assignments on a range of airfield projects such as:

- Horizontal and vertical geometry
- Grading and drainage
- Erosion and sediment control
- Pavement
- Quantity take-offs
- Prepares clear and concise reports
- Prepare plans and specifications
- Interprets Federal Aviation Administration and other regulatory design standards

Knowledge, Skills and Abilities:

General Knowledge:

- Basic knowledge and skills of civil engineering principles, practices, and methods
- Applies standard techniques, procedures, and criteria to perform assigned tasks as a part of broader assignments
- Exercises limited judgment on details of work and in application of standard methods for conventional work
- Aviation knowledge or experience preferred

Abilities:

- Basic written and verbal communication skills
- Ability to follow instructions
- Ability to interact with staff, general public and contractors
- Willingness and ability to work pre-determined and unscheduled hours beyond 40 hours per week as needed

Physical Requirements:

- Vision- near, color vision, and ability to focus:
 - Near Vision Acuity- requires clarity of vision at 20 inches or less and ability to read small text/print on documents and computer screen
 - Color – ability to identify and distinguish colors
 - Adjust focus- ability to adjust the eye to bring an object into sharp focus
- Light physical activity- requires exertion up to 20 lbs. of force and/or up to 10 lbs. of force frequently, and/or a negligible amount of force constantly to move objects
- Sitting- remains in seated position for extended periods of time
- Work under adverse conditions such as inclement weather and around heavy construction

Attributes:

- Team player
- Quick learner and a Self-starter
- Enthusiastic, resourceful, and effective service attitude
- Comfortable working in a fast paced and frequently changing environment with multiple and competing deadlines



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Disclaimer:

The above statements are intended as only a summary of the typical functions, general nature and level of work being performed by persons in this job. It is not an exhaustive or comprehensive list of all job responsibilities, tasks, and duties. ADCI management reserves the right to amend and change, as necessary, any responsibilities, tasks or duties to meet business and organizational needs.