POSTING ID: EM1912853D

Company: Mohave County Arizona
Development Services Department
Environmental Quality Division

Position Type: Full-Time

College Major(s): Civil Engineering (CEE), Construction Management (CEM)
College Level(s): Undergraduate-Senior, Graduate Student, PhD. Student, Alumni

Company Website: http://www.mohavecounty.us

Work Location: Mohave County Offices in Kingman Arizona

Salary: $57,012.80 - $88,483.20

OVERVIEW

Performs entry level professional work within the Civil Engineer series. Depending on which department is assigned, work is involved in the planning, designing and constructing of roads, traffic/transportation systems, drainage, subdivisions, improvement districts, buildings, utilities, flood control, municipal solid waste landfill and water/waste water, and other projects. This is an Unregistered Civil Engineer performing primarily the same responsibilities as a Registered Civil Engineer. Appointment to this level requires that the incumbent be performing the full range of duties and meet the qualification standards for the class. Incumbent should possess the willingness to obtain certification as a Registered Civil Engineer in the State of Arizona.

Roles and Responsibilities

Essential Job Functions

● Prepares designs and traffic and highway engineering plans in accordance with general engineering principles and practices satisfying Mohave County adopted engineering standards; performs complex engineering analyses and calculations; designs, prepares drawings, specifications, bidding documents, contracts, and cost estimates for road projects; coordinates design and construction surveying.

● Provides design data for and performs analysis using engineering applications including but not limited to Computer-Aided Drafting, pavement management, traffic demand and road = capacity, highway performance monitoring, road infrastructure and traffic control device asset databases, spreadsheets, and Geographic Information Systems (GIS).

● Assists with engineering division review of residential subdivision and commercial project plans and construction drawings during subdivision or site plan review process; ensures compliance with codes and standards.

● Conducts traffic engineering studies to support compliance with adopted standards; conducts traffic engineering studies to support traffic safety improvement planning and projects.

● Performs pavement designs and evaluates pavement existing conditions; makes
engineering recommendations on pavement preservation strategies, priorities, and project programming.

- Provides technical assistance and consults with other departments and outside agencies regarding engineering functions, site development, and transportation.
- Prepares permit applications and supporting technical documents as required by local, state, and federal jurisdictional agencies and necessary to maintain and operate road infrastructure systems inclusive of but not limited to Bureau of Land Management, United States Army Corps of Engineers, Federal Highway Administration and Arizona Department of Transportation.
- Supports Public Works transportation and right-of-way permitting programs.
- Answers technical questions and provides information to the public.
- Performs related duties as required.

Secondary Job Functions

- May review work of peers and subordinates for accuracy and completeness.
- May perform standard tests on construction materials such as aggregate, asphalt, concrete, etc.
- May respond to inquiries of the general public, other departments and jurisdictions by phone and in the office or field.
- May assist in the recruitment, selection and hiring process for positions of Engineering Technician and others as requested.
- Performs special assignments as appropriate to assigned area.
- Perform related work as required.

Education and Qualifications

- A Bachelor's degree in Civil Engineering from a College or University accredited by the Accreditation Board for Engineering and Technology (ABET), Inc.
- An equivalent combination of education, experience, and training which provides the required knowledge, skills and abilities may be considered in meeting the minimum qualifications

How to Apply

https://www.governmentjobs.com/careers/mohavecountyaz/jobs/2361142/civil-engineer-registered