

Weld County Public Works

Position(s):

Internship (2 positions available)

Term of Employment:

Summer internship positions with possibility of part-time employment into school year.

Position Description:

There will be several drainage projects including hydrology and hydraulics aspects, as well as small design projects that will entail pavement design, pipe sizing, and some construction inspection. Each intern will be required to complete a report documenting their progress on projects at the end of the summer. The report typically includes maps, plans, design drawings, and calculations. These reports make excellent interview presentations for employment opportunities. Weld County is currently developing a County-wide Transportation Plan which the intern(s) may help with during the course of the internship.

Interns are paired with a civil engineering P.E. that can serve as a resource for questions and guidance. Intern will also have the opportunity to witness the county government processes such as interaction with Planning and Health Departments when reviewing a development project.

Desired Skill and Experience:

Weld County is seeking two junior or senior level civil engineering students that can work full-time during the summer (no summer course work). Capabilities in AutoCAD or Workstation are encouraged but not a must for employment. Capabilities with the Corps of Engineers HMS and/or RAS programs would also be a plus. Capabilities with GIS (ability to make layers, edit data bases, extract populations of data) are also desired but not essential. Student must have a valid driver's license by the date of hire. Student must be capable of maneuvering dirt roads and possess good map skills. A background in agriculture would be a plus.