

CLASSIFICATION SPECIFICATION
ADAMS COUNTY
ENGINEERING TECHNICIAN

Nature of Work

This is a responsible technical engineering position with limited administrative duties.

This classification is responsible for assisting the County Engineer, and/or designee, in establishing, laying out, constructing, and improving all county roads and structures of the county.

Assignments will involve working indoors and outdoors in all weather conditions while performing engineering technician activities, which require manual labor and/or operation of technical equipment.

Work will be performed under the guidance of the County Engineer and/or designee, but some assignments are performed without immediate or continuous supervision.

Typical Work Tasks

Assignments may include, but not limited to, assisting the County Engineer and/or designee in the following:

- Inspection of county roads, bridges, and crushing projects;
- Inspection of county roads, bridges, and drainage structures;
- Design of county roads, bridges, and crushing projects;
- Survey of county roads, bridges, and related property;
- Maintenance of the various county databases;
- Other duties as assigned by the County Engineer, and/or designee.

Selection Criteria

- Knowledge of care, maintenance and safe operation of assigned equipment,
- Knowledge of the occupational hazards and safety precautions applicable to the work;
- Ability to detect needed repair and to make the necessary simple adjustments to equipment,
- Ability to work independently and make decisions relative to assigned tasks;
- Ability to establish and maintain effective working relationships with supervisors, employees, subordinates, and the public;
- Ability to perform physically demanding labor in all weather conditions;
- Ability to record proper documentation to work performed;
- Ability to understand and carry out verbal and/or written instructions;
- Ability to operate computerized equipment and required software packages;

- Knowledge of the methods, and equipment involved in engineering and land surveying;
- Knowledge of current literature, trends, and developments as applied to road and bridge construction;
- Knowledge of engineering and mathematical principles;
- Ability to read and interpret engineering plans and specifications;
- Ability to express ideas effectively, both verbal and written form.

Qualifications

- Possession of a valid Washington State Drivers License
- Possession of a valid traffic safety flagging card or obtain within 3 months

And

- Associates Degree in Engineering or related field
- Two years of progressively responsible work experience in engineering and inspection of bridges and road construction

Or

- Four years of progressively responsible work experience in engineering and inspection of bridges and road construction at a level judged by the County Engineer to be an acceptable substitute.