

PACIFIC WESTERN TECHNOLOGIES, LTD.

JOB ANNOUNCEMENT

Pacific Western Technologies, Ltd., one of the Top 50 Fastest Growing Companies in Colorado, is seeking qualified individual for the following position:

POSITION: GIS Field Technician
DATE: September 11, 2019

LOCATION: Lakewood, Co
CLOSING DATE: September 25, 2019

Essential Functions:

- Research, organize, and maintain route inventory information for the National Park Service, Fish and Wildlife Service, Bureau of Reclamation, and other federal partner agencies while working directly with the U.S. DOT (Federal Highway Administration).
- Collect GPS and surface condition data on roads and parking areas following contract guidelines.
- Gather GIS / GPS road alignments and paved road condition data while operating the DOT's automated Data Collection Vehicle (DCV) using computers and other equipment.
- Utilize various iPad applications for inspecting non-DCV routes using manual methods. (e.g. parking areas or roads that are not appropriate for the DCV to drive (poor condition, unpaved, etc)).
- GIS/GPS collection includes: creating shapefiles, digitizing shapefiles, linear referencing lines.
- Participate in all phases of data collection trip planning and scheduling.
- Submit daily status reports from the field, communicate arrival/departure emails/calls with partner agencies, and send closeout reports as appropriate.
- Enter collected route inventory information and surface condition data into the GIS enterprise system (database).
- Use appropriate geodatabases, feature classes, and shapefiles in the GIS enterprise system to prepare data for final report creation and delivery.
- Perform extensive QA/QC checks on the collected data (GIS and route surface condition data)
- Follow contract procedures regarding when to collect "ground truth" data while in the field.

- Prepare various reports and maps using the GIS source data for decision-making purposes.
- Create data driven pages for inclusion in custom reports.
- Write and edit technical documentation explaining project procedures, etc.
- Complete and submit time-cards and expense reports on a timely basis.

Education, Experience and Skills Required:

- A bachelor's degree in GIS, geography, or transportation related field.
- Knowledge and experience using ESRI tools and GIS data.
- Cartography skills.
- Proficient with using GPS equipment, and troubleshooting hardware/software in remote and sometimes difficult environments.
- Proficient with using Microsoft tools.
- Ability and willingness to be on travel status from 50% to 75% of the time and an ability to work well in small groups in remote locations is essential.

Please email your resume to PWT by the closing date:

Qualified and interested parties must submit resume, cover letter and salary requirements via email to: careers@pwt.com. PWT is an Equal Opportunity Employer.