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[Apply Now](#)**Title** Mapping Technician 1**Department** Engineering Department**Job Status** Regular Full Time**Posting Status** Accepting Applications**Employment Group** CUPE**Job ID** 20-47

Nature & Scope of Work This is technical mapping work in the preparation and maintenance of Municipal base, legal, and utility servicing maps, and in recording and computing related non graphic data using computer assisted techniques such as AutoCAD and GIS Software (Munsys & ESRI). Employees in this position research and utilize a wide variety of source data, prepare and/or revise drawings and maps for a variety of engineering projects and establishes and maintains effective working relationships with a variety of internal and external contacts. The incumbent exercises some independence of judgement and action, referring more difficult or unusual problems to a superior who reviews work performance in terms of quality of services rendered and adherence to established practices and procedures.

Illustrative Examples of Work

- Researches, compiles, analyzes and enters spatial attribute data from engineering design, inspector and record drawings to produce engineering infrastructure assets within the Corporate GIS system.
- Responsible for preparing and drawing maps for a variety of engineering projects such as drainage, roads, sidewalks, and sewer/water networks for engineering and planning purposes.
- Use various CAD/GIS software packages and associated non-graphic data from legal source maps.
- Prepares and plots maps of various sizes and scales for reports; will perform queries and spatial analysis and prepare related graphical maps.
- Produces computer-assisted base, legal and utility servicing maps and related materials as required.
- Performs QA/QC reviews of drawings and engineering infrastructure assets to ensure spatial accuracy and quality of data to adhere to the Engineering Department's CAD/GIS standards and procedures.
- Establishes and maintains effective working relationships with a variety of internal and external contacts.
- Performs related work as required.

Required Knowledge, Skills and Abilities

- Sound knowledge of the departmental policies, procedures, practices, rules and regulations related to the work performed.
- Working knowledge of coordinate geometry and survey computations as related to the work performed.
- Working knowledge of industry mapping standards, requirements and principles.
- Knowledge of computer-assisted mapping techniques including AutoCAD Map 3D, ESRI suite of products and Microsoft applications.
- Ability to use Munsys or ArcSDE database software, FME, and ETL (Extract, Transform and Load) conversion software.
- Working knowledge in Municipal engineering design principles, drafting techniques and procedures.
- Ability to comprehend new techniques, procedures, and adapt them to meet project requirements and complete projects simultaneously.
- Ability to establish and maintain effective working relationships with internal staff, developers, consultants and general public.

Desirable Training & Experience Completion of the 12th school grade supplemented by courses in computerized mapping at an Institute of Technology, plus some related Municipal mapping experience, or an equivalent combination of training and experience. A professional engineering designation with an accredited institution (i.e., ASTTBC; GISP/ESRI Certification) is desirable.

Required Licences, Certificates and Registrations A valid Class 5 Driver's Licence for the Province of British Columbia.

Safety Requirements Incumbents are required to follow all applicable Safe Work Procedures, participate in Occupational Health & Safety training, meetings and to report any hazards in the workplace.

Hours of Work 35 Hour Work Week

Pay Grade 21

Pay Rates \$32.90, 34.27, 35.68, 37.18, 38.73 per hour

Posting Date 1/16/2020

Posting Closing Date 1/23/2020

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