

## Intelligent Transportation Systems (ITS) Engineer

An employee-owned, Canadian company, **Associated Engineering** provides a broad base of consulting engineering services in the infrastructure, water, transportation, environmental, building, energy, and asset management sectors.

### Position

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We currently have an opening for an **Intelligent Transportation Systems (ITS) Engineer** in one of our Western Canadian offices (Vancouver, Edmonton, or Calgary).

We are looking for a self-motivated candidate with a keen interest in growing their ITS engineering skills and experience. You will be involved in supporting work undertaken by the Transportation group across western Canada and joining a dynamic, multidisciplinary team involved in Intelligent Transportation Systems (ITS), signal planning and design, highway geometric design, transportation planning, and traffic engineering, for provincial, municipal, commercial and industrial infrastructure projects.

This position provides engineering expertise to lead and/or support Intelligent Transportation Systems (ITS) projects that include development, design, and implementation. Duties include directing design teams; developing and managing the scope, schedule and budget of projects, marketing and client liaison. This position also provides ITS supporting expertise to internal working groups and committees.

### Requirements

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#### What you will bring to the table:

- An undergraduate degree in Civil Engineering from an accredited university.
- Registered, or eligible for registration as a professional engineer with EGBC and/or APEGA.
- 7+ years of progressive experience with a focus on emerging transportation issues and technologies.
- Participation in industry groups, associations and technical committees is an asset.
- Highly self-motivated and interested in career advancement.
- Committed team player with the ability to work independently and manage multiple deadlines.
- Excellent communication, interpersonal and organizational skills.
- Knowledge of the theory, principles, best practices and system architecture of ITS.
- Familiarity of ITS infrastructure and field devices.
- Knowledge of the standards for ITS including NTCIP.
- Knowledge and understanding of communication networks and associated technology.
- Understanding of data management including acquisition, transmission, processing, storage and distribution.
- Knowledge and understanding of traffic management centres.
- Planning, design and operation of ITS infrastructure and applications.
- Ability to analyze, investigate and determine the merits of various options and products based on the needs of the project.
- Effectively communicate using all forms of media.
- Excellent writing skills to prepare proposals, design reports and studies.
- Ability to prepare and make presentations.
- Build and maintain effective working relationships with clients, contractors, consultant partners and internal staff.
- Valid driver's license.

### Interested?

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If you have the right background and would like to join one of Canada's Best Managed Companies, please submit your application at [www.ae.ca/careers](http://www.ae.ca/careers)