

PeaK Traffic Technology Ltd.
Job Description:
Data Technician

TE4

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Revised: April 9, 2013

Job Summary:

The Data Technician, Traffic Enumerator 4 collects traffic data that provides accurate and current information for planning safe and efficient traffic patterns. The work involves conducting field studies, using manual and electronic devices, to determine traffic volume, speed and other factors influencing traffic conditions. The incumbent takes photographs, makes notes and draws diagrams to illustrate observations and conclusions then uploads or enters data and creates reports including graphs and charts electronically. The job involves both outdoor work, in all weather conditions as well as office responsibilities. The Enumerator 4 can work independently and must exercise caution and have a high degree of safety awareness, concentration and focus when performing all duties.

Job Duties:

The actual job duties required depend on the terms of contracts entered into by the company and can include:

1. Conducts Intersection Counts, including vehicle, pedestrian and cyclist counts. This data can be collected either manually with pencil and paper, or automatically by a Video Collection Unit (VCU).
2. Conducts Short Counts including programming and setting out induction loop counters, hose counters or VCUs.
3. Determine appropriate signing for the jobsite and set out traffic control signs, and other equipment as required.
4. Uses electronic timing devices, radar or laser equipment and electronic communication devices.
5. Observes lighting, weather, visibility of signs and pavement markings, location of traffic signals, width of street or roadway and other considerations affecting traffic conditions, recording this data and completing forms as well as taking photographs related to traffic data collection.
6. Answers routine inquiries from officials or the public in a tactful and diplomatic manner.
7. Uses computer software to input or upload data and observations collected.
8. May be called on to supervise one or more others.
9. Performs other related duties as assigned.

Required Qualifications

1. Successful completion of Grade 12 plus 2 or more years post secondary education in a field related to the collection or analysis of traffic data or equivalent education and experience.
2. Willing to travel within British Columbia (most likely in the south half of the province)
3. Willing to work outdoors in all weather, although not as likely during winter months.
4. A valid Class 5 BC Driver's Licence.

Preferred Qualifications

1. Completion of courses and/or experience in traffic, engineering or a related discipline.
2. Experience with Microsoft Word and Excel software.
3. Experience with Adobe Acrobat and Microsoft Outlook.
4. Traffic Control Person/Flagging experience.
5. Basic First Aid certificate.
6. Familiarity with the British Columbia Highway system.
7. A valid Class 5 BC Driver's Licence.
8. Has own reliable vehicle appropriate to the work which can be insured for the purpose.

Hours of Work:

Variable: PeaK Traffic Technology Ltd. contracts to governments, engineering firms and developers to gather traffic data. These contracts are most often bid on, accepted and conducted within a short period of time. Between contracts there is work in the office and with equipment maintenance, but there may be periods with short days or no work at all. Once our quote is accepted there may be little notice before the data is to be collected. This can be local or involve travel and can take one day or up to a month or more. Consideration will be made for other commitments, particularly schooling, which may exclude a student employee from work on some contracts.

A full work day consists of 8 hours of work that may, at times, be split into as many as 3 shifts over a 12 hour period starting (on the job) at 6:45 AM. Time worked beyond 8 hours in a day is paid at time and one half. If called in to work a minimum of 4 hours is paid. When working on a contract, the terms of the contract will often determine the hours of work and cannot always be predicted.

Further Training:

If the employee would like to take a course applicable to the work, such as Basic First Aid or Traffic Control Person, the course would be taken on the student's own time, but application can be made for any course or materials fees to be reimbursed by the company upon successful completion of the course.

Wages: The starting wage for a Data Technician TE4 is \$18.41 per hr. Our current expense rates for mileage, meals and accommodation are available on request at info@peaktraffic.ca