

Traffic Signal System Analyst (Technologist)

Transportation Services Department

Job Number	TRS-180-19
Employment Status	Contract (up to October 2020)
Employment Group	CUPE 1540
Position Overview	Reporting to the Supervisor of Traffic Signals, the Traffic Signal System Analyst is responsible for the operation of the traffic signal control system, including the development of signal timing and coordination plans to optimize traffic flow, maintaining accurate records and databases, and the analysis of data to enhance signal system operation.
Responsibilities	<p>The successful candidate will:</p> <ul style="list-style-type: none">• Develop, monitor and evaluate traffic signal timing plans and control strategies to ensure correlation with prevailing traffic patterns• Troubleshoot and identify system issues and malfunctions, liaising with field technicians when necessary• Ensure all work is completed within applicable legal, engineering standards and policy requirements• Monitor and assess road network performance through a combination of field observations and studies, and through various signal system and ITS reporting tools• Utilize and evaluate software packages and various ITS devices such as traffic cameras and traffic data collection devices• Prepare traffic signal construction drawings for new traffic signals and for signal rebuilds or modifications in conjunction with road construction projects• Assist in the review of traffic impact studies• Investigate and respond to inquiries from Council and the public• Organize and complete various field studies
Requirements	The Traffic Signal System Analyst requires a 3-year college diploma in Transportation Engineering Technology or a related field and at least 4 years of related work experience. The incumbent must demonstrate a strong knowledge of traffic signal operations and theory, as well as excellent communication, analytical and time-management skills. The Traffic Signal System Analyst will be proficient in Microsoft Office as well as computer-based traffic control systems and signal timing and analysis programs such as Synchro. Additionally, the successful applicant will possess and maintain a valid class "G" driver's license.
Salary Range	\$64,546-\$80,683 (4s)
Posting Close Date	August 9, 2019
How to Apply	To apply please visit www.burlington.ca/careers and click on "View Jobs". Please note, applications are only accepted on-line. If you require assistance, please contact Human Resources at 905-335-7602.

We thank all applicants and advise that only those to be interviewed will be contacted.

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