



Make working for
The City work for you.



LRT Signals Engineer

If you are committed to public service, enjoy collaborating with others, share our values and have a desire to learn and grow, join [The City of Calgary](#). City employees deliver the services, run the programs and operate the facilities which make a difference in our community. We support work-life balance, promote physical and psychological safety, and offer competitive wages, pensions, and [benefits](#). Together we make Calgary a great place to make a living, a great place to make a life.

The City is committed to fostering a respectful, inclusive and equitable workplace which is representative of the community we serve. We welcome those who have demonstrated a commitment to upholding the values of equity, diversity, inclusion, anti-racism and reconciliation. Applications are encouraged from members of groups that are historically disadvantaged and underrepresented. Accommodations are available during the hiring process, upon request.

Reporting to the Leader of Signaling System, this position is responsible for the design, modifications and for the maintenance and operations of the Light Rail Transit (LRT) Signal System. Primary duties include:

- Prepare detailed LRT Signals designs.
- Manage LRT Signals projects and contracts.
- Coordinate project activities with multiple internal and external partners, consultants and contractors.
- Organize and maintain LRT Signals drawings and documentation.
- Provide Signaling support to field crews and operations during trouble calls.
- Carry out root cause failure analysis.
- Develop Scope of Work, Request for Proposals (RFP's) and tender documents for contractors and consultants.
- Assist with conducting crossing inspections.
- Oversee construction of signals upgrades and repair work.
- Provide signals support to other LRT projects such as Track and Way Rehabilitation, life cycle upgrades and extension projects.
- Coordinate with Engineering and Project services team to ensure work permit processes are followed when planning construction activities.
- Ensure compliance with design guidelines, Calgary Transit Standards and codes and regulations.
- Develop signals bypasses and test plans to assist with closure weekend activities.
- Coordinate with drafting personnel for the development of LRT Signal Drawings.
- Collaborate with Signals team for developing key performance indicator reports.

Qualifications

- A degree in Engineering, preferably in Electrical Engineering with at least 3 years of relevant professional engineering experience, obtained after receiving your P. Eng. Designation and a current licensure as a Professional Engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA) complete with practicing status OR licensure and practicing status by the first day of work [Click here for more details](#).
- Knowledge of railway signaling principles and safety standards will be essential for success.
- Preference will be given to candidates with some Signaling design experience.
- Familiarity with AutoCAD and Programmable Logic Controller (PLC) programming would be considered an asset.
- Strong problem-solving skills and the ability to work independently.
- Success in this position requires strong communication and interpersonal skills, with a demonstrated ability to work independently while collaborating with team members.

Pre-employment Requirements

- Successful applicants must provide proof of qualifications.

Pre-employment Drug Test: An offer of employment for this position will be conditional on an applicant passing a [pre-employment drug test](#). This test assesses for use of drugs including cannabis. Failure to pass a pre-employment drug test may prevent an applicant from being hired into any safety sensitive position for a period of up to twelve months.

Union: Exempt
Position Type: 1 Temporary (up to 18 months)
Compensation: Level P3E \$115,464 - 144,330 per annum
Hours of work: Standard 35 hour work week
Audience: Internal/External

Business Unit: Calgary Transit
Location: 1417C 33 Street SE
Days of Work: This position works a 5 day work week earning 1 day off in a 3 week cycle.
Apply By: April 1, 2026
Job ID #: 313954

Apply online at www.calgary.ca/careers