

Transportation Technician III

DEFINITION

This is highly complex and advanced technical level work controlling and co-ordinating a unit of active, passive or related analytical and planning services within the Transportation Systems field.

Positions within this class are responsible for a unit's technical and administrative operations in the application of a wide variety of transportation services in and outside of the department. Employees must be familiar with the overall system and the inter-relationship with other technical and engineering areas, so as to provide optimum services and minimal impacts. The work performed requires incumbents to oversee the design, development and implementation of technological changes to the system. The work performed is of an advanced and specialized technical nature and employees act as advisors in their field of specialization. Technicians in this class must frequently exercise initiative, sound judgement and resourcefulness when reporting on and/or providing services.

Supervision is exercised over personnel in the Transportation Technician I and II class and/or others related to transportation services. Direction and guidance may be given to contractors, consultants and city work crews. The work is periodically reviewed by a professional superior to ensure accuracy and conformance to established procedures and standards.

The work of this class is distinguished from that of the Transportation Technician II class by the greater and more advanced technical knowledge required, the supervision exercised and the overall responsibility for an advanced technical section of traffic control services.

TYPICAL DUTIES*

Refines and/or approves complex, advanced and highly technical designs received from superiors and subordinates; ensures designs do not conflict with present or projected assignments; proposes revisions as required.

Assigns projects or segments of total projects to subordinate technical staff; checks the work in progress or upon completion; reviews finished products to ensure that adequate standards and procedures are maintained.

Proposes or authorizes tenders and equipment specifications; reviews and evaluates bid packages and estimates; recommends consultants and/or contractors.

Co-ordinates budget preparation and monitors expenditures; conducts cost analysis; reports on variances and discrepancies.

Acts as departmental expert on technological changes; advises superiors on new and more efficient equipment; evaluates requirements versus equipment capability.

Acts in a liaison capacity with other departments, private contractors, consultants and others; responds to public or official inquiries by phone or written reply; prepares reports on material requested.

Performs related work as required.

KNOWLEDGE, ABILITIES AND SKILLS

Extensive knowledge of the principles, practices and techniques of transportation planning, systems, operations or control devices.

Extensive knowledge of the appropriate terminology and equipment used in area of work specialization.

Extensive knowledge of the applicable bylaws, standards and regulations pertaining to the work.

Considerable knowledge of city street names and locations as well as the related transportation patterns.

Ability to communicate verbally and in writing with preciseness and accuracy.

Ability to meet and deal effectively with contractors, the general public and city work crews; and to enforce rules and regulations with firmness, impartiality and good judgement.

Ability to delegate and co-ordinate the work of subordinates.

Considerable skill in developing and presenting comprehensive plans and/or reports.

TRAINING AND EXPERIENCE REQUIREMENTS

Job Level

Completion of a two (2) year course in Civil Engineering Technology or a related field from a recognized institute of technology, plus a minimum of eight (8) years' experience directly related to the area of specialization. Applicant(s) must possess a valid Alberta driver's license.

** This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

Salary Plan	<u>21M</u>	<u>21A</u>	<u>21B</u>	<u>21C</u>
Job Code	0717		0718	

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