

Structural Bridge Technician/Technologist **Barrie Office**

Position Description:

Ainley Group is currently seeking a Structural Bridge Technician/Technologist in our Barrie Office. As the successful candidate, you will assist our growing team to plan, design, and administer all aspects of bridge/culvert rehabilitation and replacement projects.

This role will provide you with the opportunity to utilize your strong technical and interpersonal skills while coordinating projects and interfacing with clients. Not only will you be implementing innovative and effective concepts and designs, you will also be working with and learning from professionals with a reputation for delivering quality engineering services to major clients. The specifics of the position are as follows:

Responsibilities and Duties:

- Completion of field inspections and data collection as per the Ontario Structural Inspection Manual;
- Completion of structural design calculations for new bridges, culverts, retaining walls and structural repairs in accordance with CSA-S6-CHBDC;
- Preparation of engineering drawings, specifications, and cost estimates associated with replacement and/or rehabilitation of existing bridge and culvert structures;
- Assistance with contract administration duties such as review of shop drawings, measurement of quantities, preparation of payment certificates, and issuance of performance certificates; and
- Coordination and liaison with clients, approving authorities, subconsultants, and contractors.

Qualifications:

- Completion of a College Diploma in Civil Engineering Technology;
 - Strong focus and desire to work in the transportation structure field;
 - Working knowledge of the Ontario Building Code, Canadian Highway Bridge Design Code (CAN-S6) and the MTO Structural Manual;
 - Knowledge of construction practices;
 - Strong computer software skills, including AutoCAD, Civil 3D, Word, Excel & MS Project would be an asset;
 - Independent, organized and motivated team player with excellent oral and written (English) communication and interpersonal skills;
 - Proactive mindset and excellent problem solving and decision-making skills; and
 - Previous experience in a similar position would be considered an asset.
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