

Municipal Bridge Services Available (March 2025)

Municipal Bridge Services staff will:

1. Ensure the Municipality can make informed decisions regarding the management, maintenance, repair, or replacement of their drainage structures.
2. Provide professional technical advice to rural municipalities relating to bridge and culvert issues including, but not limited to, bridge inspections, bridge repair procedures, allowable vehicle weights, typical culvert capacities, culvert design flows, and cost estimates.
3. Provide historical bridge records, when available, for existing or removed structures.
4. For bridge construction projects:
 - a) Creation of project cost estimates including ongoing refinement,
 - b) With the aid of a preliminary site inspection (and topographic survey), design the new bridge including finding the optimum length, width, and elevation,
 - c) Prepare a detailed set of stamped engineered bridge plans,
 - d) Prepare and submit all required regulatory permit applications,
 - e) Tender and issue purchase orders for the supply of all materials,
 - f) Prepare contract documents and a tender package,
 - g) Post and manage the tender competition including bid evaluation and acceptance,
 - h) Procure a Consultant to supervise the Contractor's activities and administer the contract,
 - i) Attend a pre-construction meeting of all parties,
 - j) Conduct a completion inspection and any additional necessary field services,
 - k) Provide expert technical advice to the Municipality, the Contractor, and the Construction Supervision Consultant throughout the bridge project,
 - l) Facilitate over-dimensional and overweight permitting by conducting a load evaluation and updating the Ministry of Highways rural municipal bridge database.
5. For bridge repair projects:
 - a) Analyze the Municipality's most recent OSIM inspection report and recommend necessary repairs,
 - b) Provide economically feasible repair procedures to the Municipality including preliminary designs and cost estimates.
6. For culvert projects:
 - a) Work with the Municipality's Consultant to facilitate the installation of the culvert,
 - b) Request design flows from Water Security Agency,
 - c) Provide rough culvert installation estimates based on the existing bridge structure or design flows.
7. For RIRG eligible projects:
 - a) Provide advice and feedback based on the policies and operations of the Rural Integrated Roads for Growth program including, but not limited to, ensuring projects meet the eligibility criteria, ranking of project applications, and reviewing and processing of grant payment applications,
 - b) Provide advice and feedback to the Municipality on their use of the Rural Integrated Roads for Growth program.