



**Project Title:** Trans Canada Highway

**Client:** Brun-Way Construction Inc.

## Project Description:

GEMTEC has been providing highway design services, primarily for the New Brunswick Department of Transportation, on an on-going basis for 12 years. The projects have ranged in size from small sections for upgrading or repairs to major highway realignments. In addition, we have provided services for municipalities, major highway project groups and other organizations.

GEMTEC has designed and prepared contract documents for 13 km of new four-lane Trans Canada Highway between Grand Falls and Route 375 along with two new interchanges, three minor highways and three property access roads as part of the Fredericton to Quebec Trans Canada Highway Project for the Province of New Brunswick. The work includes horizontal and

vertical design of the highways, ramps and intersections, drainage and watercourse crossing design, establishing erosion control measures, barrier design, defining clearing limits, and providing layout information for contractors. The median width for the four-lane highway ranges from narrow to very narrow with only approximately 1 km of length having median area wide enough to have independent profiles. This is a major private-public partnership project with a very tight design and construction deadlines.

