



Transportation and Economic Corridors

Transformation of Bridge Inspection and Management Systems

Overview

The Government of Alberta's Ministry of Transportation and Economic Corridors (TEC) is modernizing its bridge management system and updating how provincial bridges are inspected. These changes will strengthen the safety and reliability of Alberta's bridge network and support more transparent, data-driven investment decisions.

What is changing?

TEC is replacing the current Bridge Information System with a modern, integrated bridge management platform designed to:

- Maximize value for every dollar invested in bridges
- Support risk-based, defensible decisions
- Ensure long-term safety and reliability

A key component of this modernization is the shift to element-level bridge inspections, which will improve the quality and consistency of data collected. This transition includes updating TEC's Bridge Inspection and Maintenance System, introducing new inspection standards, and publishing a new inspection manual.

Why change?

This transformation supports TEC's mandate to maintain Alberta's transportation and water management infrastructure responsibly and sustainably. By applying asset-management principles and using modern inspection and management tools, the province will be better positioned to optimize lifecycle costs and extend the service life of its bridges.

How does this change affect municipalities?

Many municipalities currently rely on the Bridge Information System to manage their bridge programs and data. The modernization initiative creates an opportunity for both the province and municipalities to benefit from improved data, which enables enhanced asset-management capabilities. TEC will work closely with municipalities to understand their needs, concerns, and recommendations to ensure the future system supports municipal bridge management effectively.

When will this change occur?

Development of the new bridge inspection and management systems will take place over the next two years. Implementation will follow through a thoughtful, phased approach expected to span several years.

Who can I contact for more information?

For more information, please contact Orlando Rodriguez, Director, BIMS Transformation, Transportation and Economic Corridors at orlando.rodriguez@gov.ab.ca.