



The Corporation of the Town of Tecumseh

Tecumseh

Roads Needs Study 2008



Dillon Project No. 07-8633

July 2008

## EXECUTIVE SUMMARY

A Roads Needs Study was completed for the Town of Tecumseh in 2007 and early 2008.

This report summarizes the findings of the inventory of the Town Roads and Railway Crossings, (excluding bridges and culverts, which are the subject of another study), and identifies needed improvements for roads and railway crossings which are deficient or will become deficient within a 10 year period.

The total length of all roads under the jurisdiction of the Town is approximately 190 kilometres. The study revealed that **approximately 52% of the total road system is deficient now or will become deficient within 10 years.** To these costs should be added the costs to repair bridges and culverts (which is the subject of another study).

The total costs (in 2008 dollars) to carry out road improvements is approximately \$42,559,000 and \$180,000 for railway crossings for the 10 year period, 2008 - 2018.

The previous Road Needs Study Report, conducted in 2003, was based on the inventory of approximately 180 kilometres of roadway. The increase in total kilometres of road within the Town's jurisdiction is mainly due to the addition of a portion of Manning Road (County Road No. 19) which, as a County Connecting Link, was not considered in the 2003 Study. Other factors include the addition of some new roadways in the Tecumseh Hamlet area and the use of the Town's GIS system for more specific measurements of road length.

The total cost of the road needs, based on 2003 dollars, was approximately \$40.8 million (excluding GST).

Since 2003, the Town has completed several road reconstruction projects, including Renaud and St. Anne Streets, Pentilly Road, Bedell and Lanoue Streets, the Tecumseh Road and Manning Road Intersection, and portions of Tecumseh Road and Lesperance Road. Also completed through that period are several road resurfacing projects throughout the Town. A graphic representation of these road improvements can be found in Figures 6.0 through 6.2 which can be found at the end of the report.

The table below is a comparison of the costs of the needs in 2003 and 2008.

<b>Year</b>	<b>Length of Road System (km)</b>	<b>Costs</b>	<b>Costs in 2008 dollars (based on 15% cost increase from 2003-2008)</b>
2003	180	\$40,827,000.00	\$47,098,000.00
2008	190	\$42,559,000.00	\$42,559,000.00