

Memo



Date: April 20, 2010
File: 2010 Pavement Management Program
To: City Manager
From: Stephen Bryans, Roadways Construction Supervisor
Subject: Pavement Management Program

Report Prepared by: **Bruce Dacre, ASCT; Pavement Technician**

Recommendation:

That Council receive, for information, the Report from the Roadways Construction Supervisor dated April 20, 2010 with respect to the City of Kelowna Pavement Management Program.

Purpose:

Council passed the following resolution at the December 17, 2009 Special Meeting (Budget Deliberations):
THAT Council directs staff to review the roads resurfacing program, the current state of the roads and alternative funding options and report back to Council.

Background:

To better understand the Pavement Management Program, a power point display will be presented to outline the goal of the program including maintenance strategies and the status of the program.

The goals will outline the best value for the dollar along with the least environmental impact. Striving to resurface many of Kelowna's streets while ensuring public safety and minimizing traffic impacts.

Resolution:

That council is apprised of the status of the City of Kelowna's Pavement Management Program.

Considerations not applicable to this report:

Legal/Statutory Authority:
Legal/Statutory Procedural Requirements:
Existing Policy:
Financial/Budgetary Considerations:
Personnel Implications:
External Agency/Public Comments:
Community & Media Relations Comments:
Alternate Recommendation:

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Submitted by: Stephen Bryans, Roadways Construction Supervisor

Approved for inclusion:



W.J. Berry, P.Eng.
Director Design and Construction Services

CC General Manager - Community Services



Pavement Management

Presented By
Stephen Bryans
Roadways Construction Supervisor

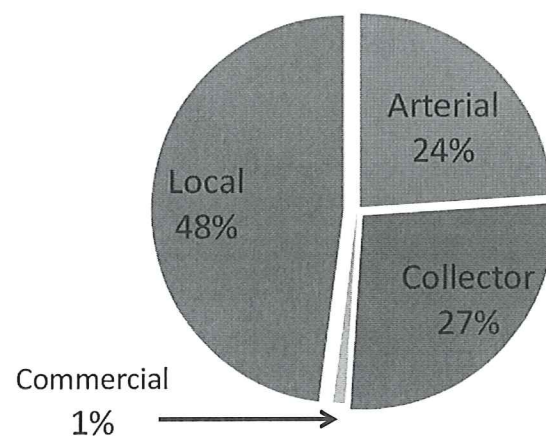
UNDERSTANDING THE PAVEMENT MANAGEMENT PROGRAM

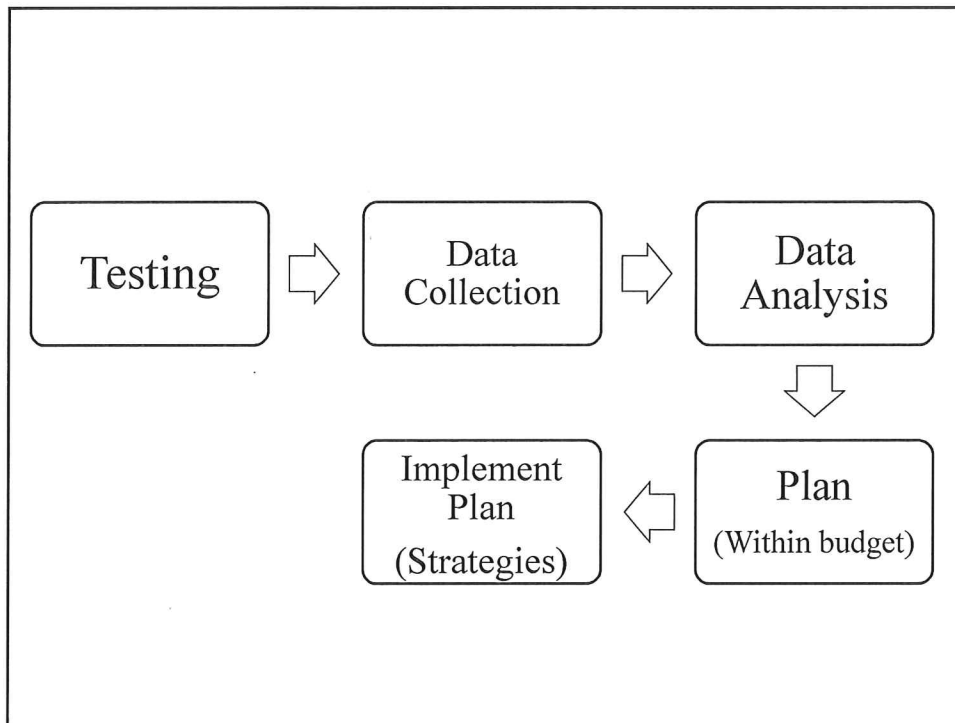
1. Goal of the Program
2. Maintenance Strategies
3. Status of the Program

GOALS OF THE PROGRAM

- ▶ Best value for the dollar
- ▶ Least Environmental Impact
- ▶ Satisfactory Condition of Pavement
- ▶ Public Safety/Convenience

Road Network

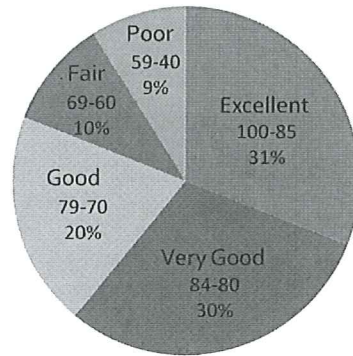




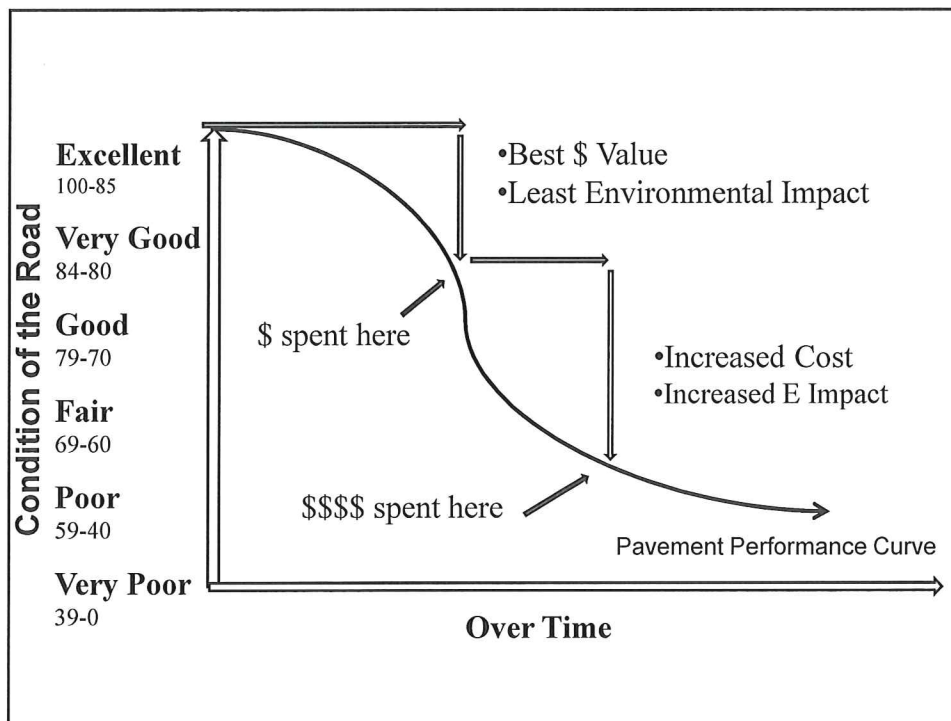
Testing



Data Analysis



Pavement Condition Index

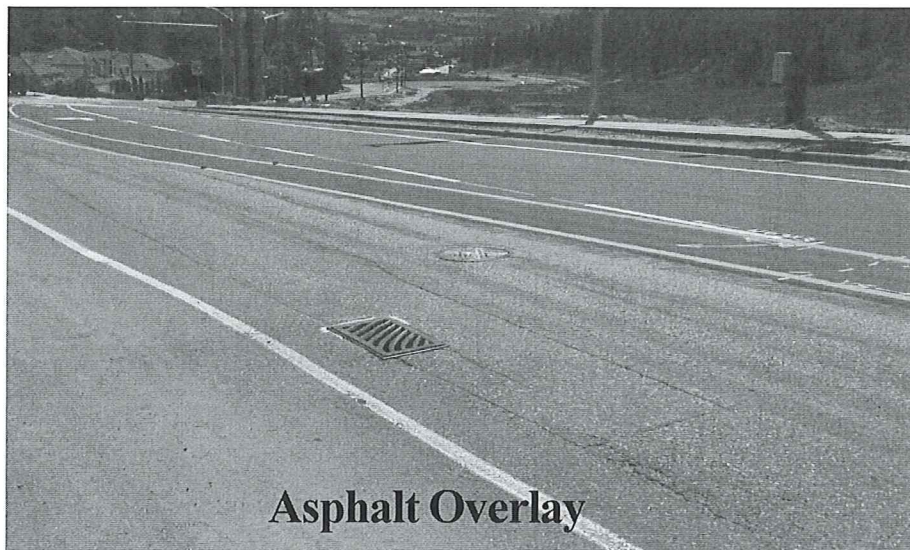
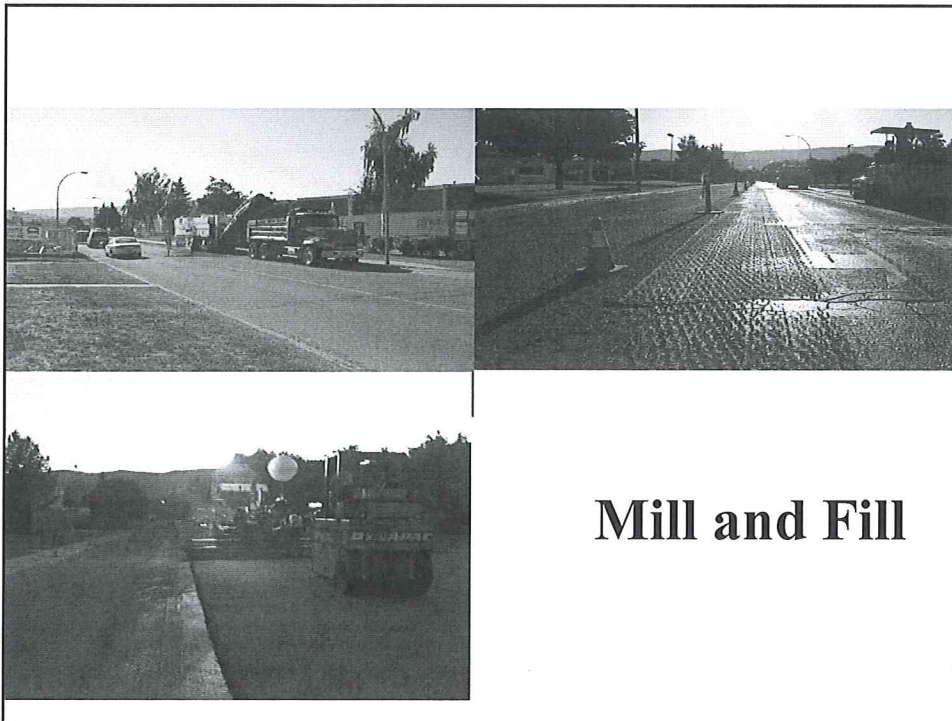


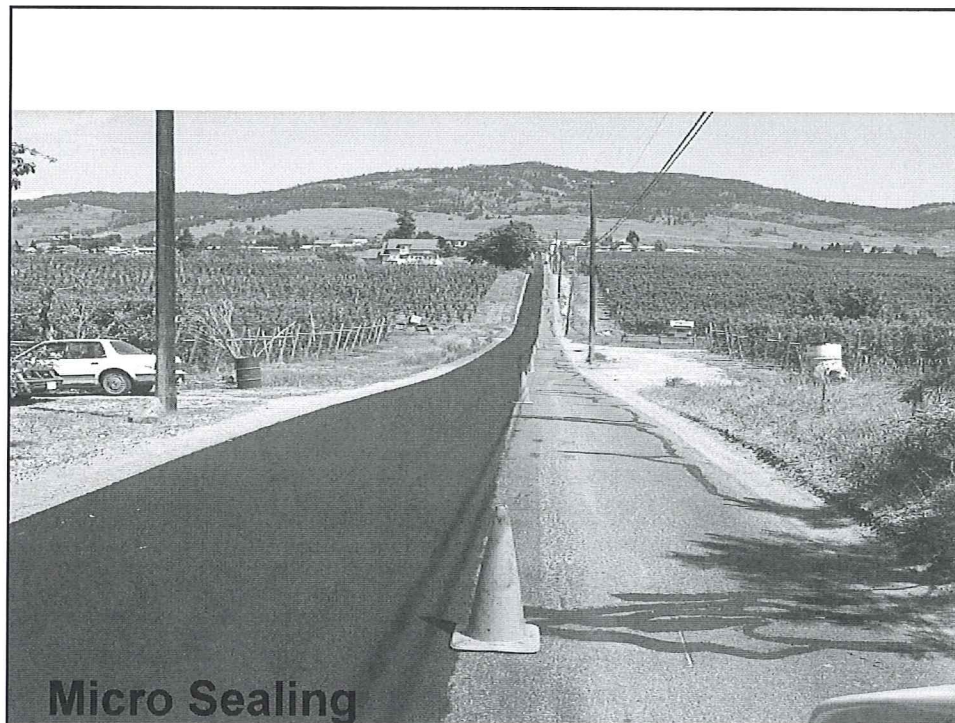
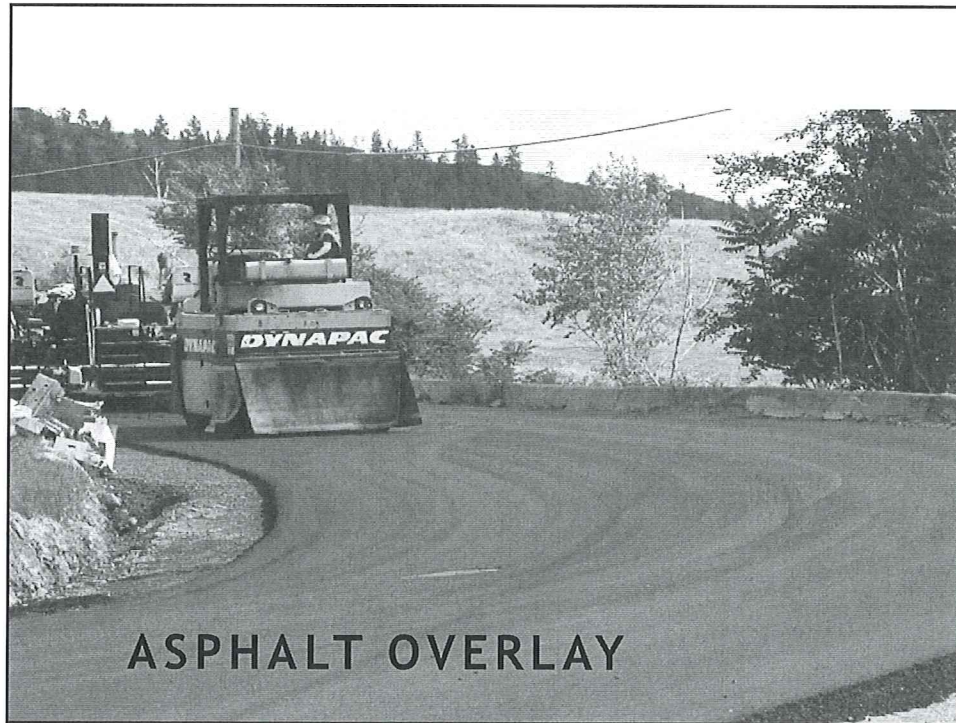
RECLAMATION



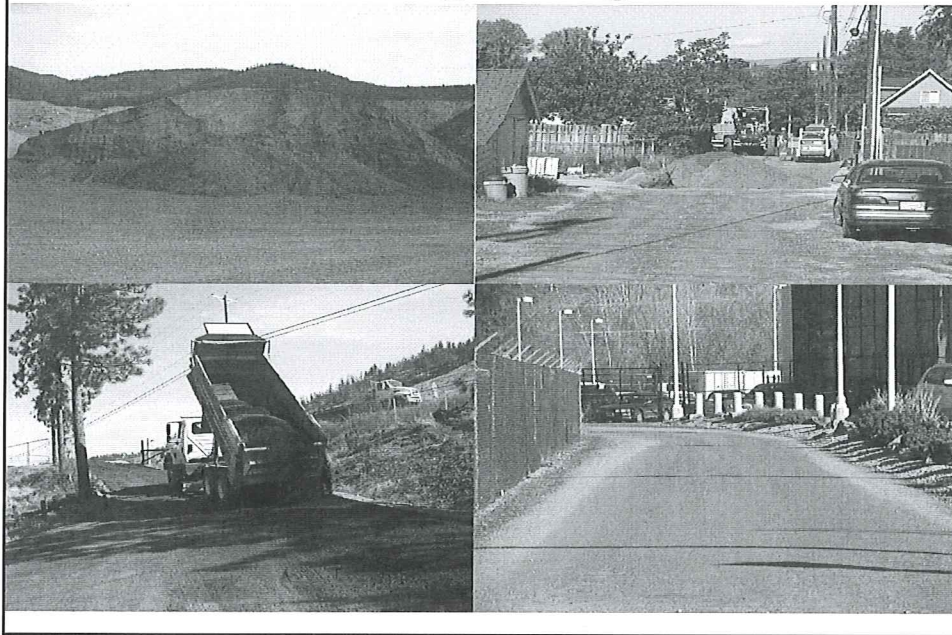
Reclamation







Asphalt Grindings Program



Program Status

- The Measured Pavement Condition Index in 2009 is Rated as Good (PCN 78).
- In order to maintain a PCN rating of Good, an annual expenditure of \$3.1 million is required.