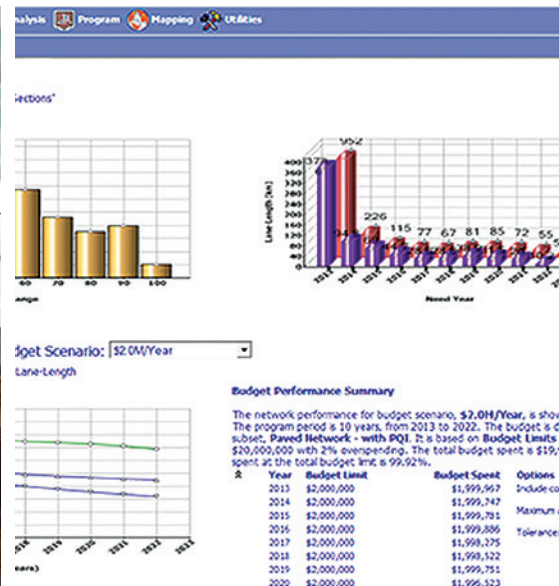
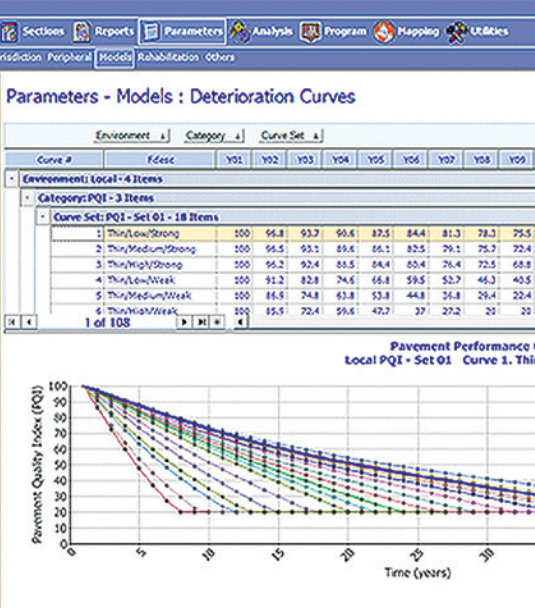


# RoadMatrix

Developed with  
community in mind





# Optimizing your investment. Simply.

RoadMatrix is Stantec's industry leading asset management tool focusing on pavements. It was designed specifically for municipal agencies to meet your decision making needs in an efficient manner and leverages our 30+ years of pavement research and pavement engineering experience.

Users can start the analysis with a basic amount of data and include more data over time to refine the asset management plan. Over time, the system can grow and evolve with your organization.

Asset management plan treatments are selected according to engineering principals to maximize the benefit at the minimum cost.

RoadMatrix is a comprehensive tool used by public agencies to create optimized asset management plans based on your ability to answer three fundamental questions:

1. What do I own?
2. What is its current condition?
3. What do I need to do to maintain and/or improve it in the most cost effective manner?

It's as simple as that. Continue reading to see what you can expect.



## Network Inventory

A logically intuitive interface to provide instant access to your road data. View and update information by street, district, parish, functional class, and more. Store roadway geometry, traffic data, structural composition, work history, and right of way assets, including sidewalks.



## Budget Analysis

Explore multiple scenarios and quickly investigate and answer questions. What do I spend today and what would I need to spend to reach a target service level? How much money do I need for the next 3, 5 or 10 years?



## Survey/Inspection Data

RoadMatrix accommodates multiple types of industry standard condition surveys and inspections. Capture roughness (IRI), pavement distress, rutting, and structural (FWD) data.



## Programming

Detailed performance curves customized to your goals and environment allow you to create optimized Asset Management Plans. Maximize your benefit while minimizing your cost.



## Completed Work

Roadway assets are dynamic by their very nature. Users can update completed works programs, ensuring accurate condition, programming, and budgetary analysis.



## Reporting

Generate standard, custom, and ad hoc reports for information needs across your organization, in tabular, chart, and graph formats for effective communication.



## Current Condition

Aggregate your pavement inspection and work history data to view the current condition of your network. Understand the condition of any road, functional class, ward, or parish today, and where it will be over the next 5, 10, or 20 years.



## System Integration

RoadMatrix integrates with maintenance management and GIS systems, enhancing information sharing for operational and strategic planning.

## Design with community in mind

We're active members of the communities we serve. That's why at Stantec, we always *design with community in mind*.

The Stantec community unites more than 13,000 specialists working in over 200 locations. We collaborate across disciplines and industries to make buildings, infrastructure, and energy and resource projects happen. Our work—professional consulting in planning, engineering, architecture, interior design, landscape architecture, surveying, environmental sciences, project management, and project economics—begins at the intersection of **community**, **creativity**, and **client relationships**.

Since 1954, our local strength, knowledge, and relationships, coupled with our world-class expertise, have allowed us to go anywhere to meet our clients' needs in more creative and personalized ways. With a long-term commitment to the people and places we serve, Stantec has the unique ability to connect to projects on a personal level and **advance the quality of life in communities** across the globe. Stantec trades on the TSX and the NYSE under the symbol STN.

[pavements@stantec.com](mailto:pavements@stantec.com)

