



RoadMatrix Pavement Management System



March 8, 2016

Civic Works Committee
Transportation Planning & Design

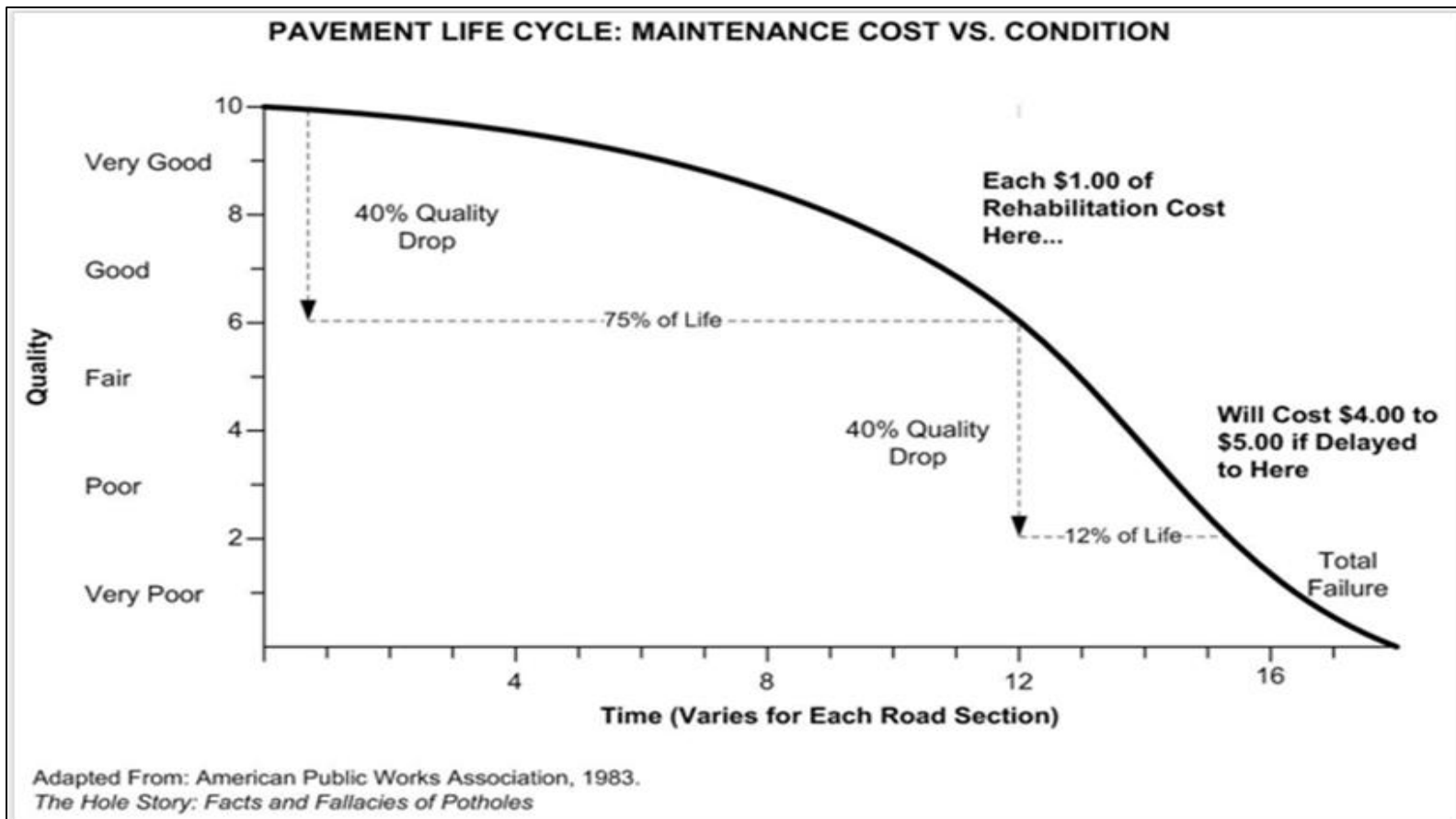


Computerized Maintenance Management System





Pavement Management 101





RoadMatrix Pavement Management System

*3600 lane kms
8200 sections*

Pavement Inventory

Pavement Condition Assessment

Maintenance & Rehabilitation Analysis

Priority Programming

Geographic Information System
for mapping



Functionality – Asset Condition



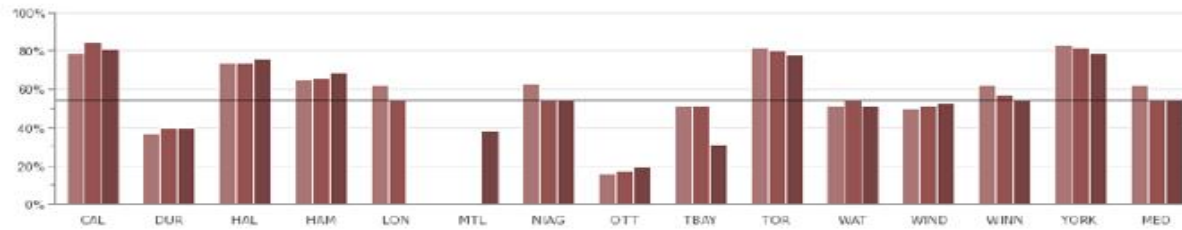
City of London Roadway Pavement Quality - 2015

	GOOD	FAIR	POOR
MAJOR	69%	29%	2%
MINOR	54%	40%	7%

What percent of paved roads are rated good to very good?

Fig 28.5 Percent of Paved Lane Km where the Condition is Rated as Good to Very Good

2014 OMBI Data

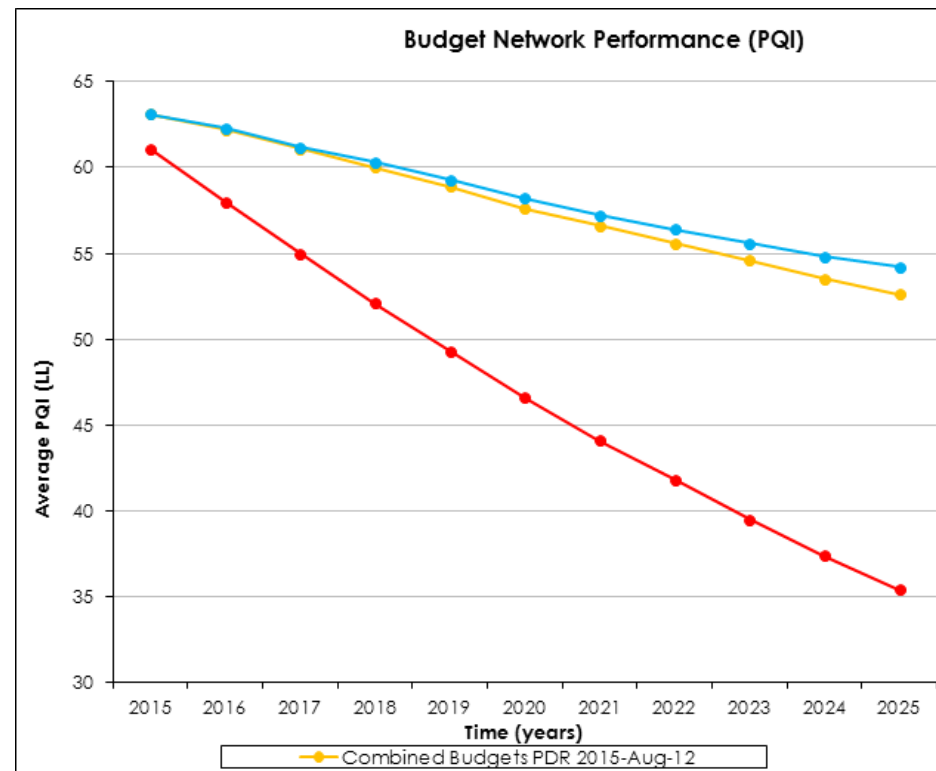


Year	CAL	DUR	HSL	HAM	LON	MTL	NIAG	OTT	TBY	TOR	WAT	WIND	WINN	YORK	MED
2012	79%	37%	74%	65%	62%	N/A	63%	16%	51%	82%	51%	50%	62%	83%	62%
2013	85%	40%	74%	66%	54%	N/A	54%	17%	51%	80%	54%	51%	57%	82%	54%
2014	81%	40%	76%	69%	N/A	38%	54%	19%	31%	78%	51%	53%	54%	79%	54%



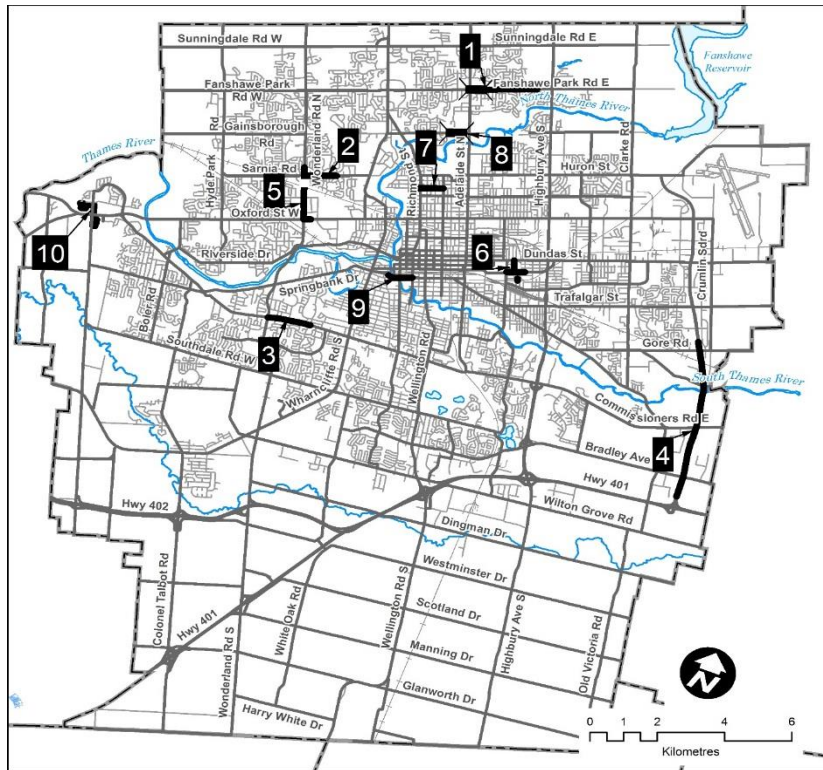
Functionality – Financial Planning

***Connecting
Budgeting to
Service Level***





Functionality – Planning Infrastructure Renewal Works



Planning

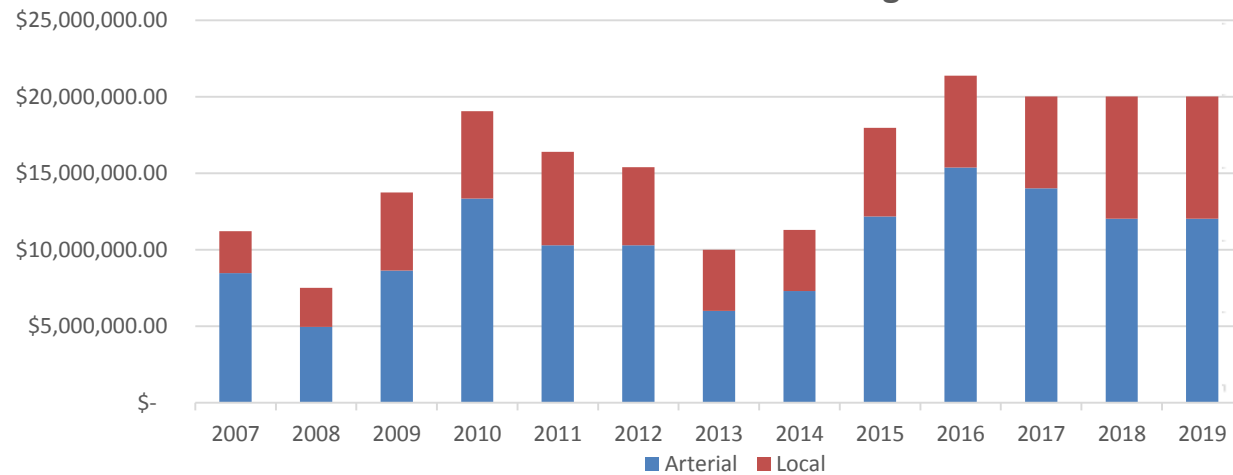
- *Where to work*
- *What to do*



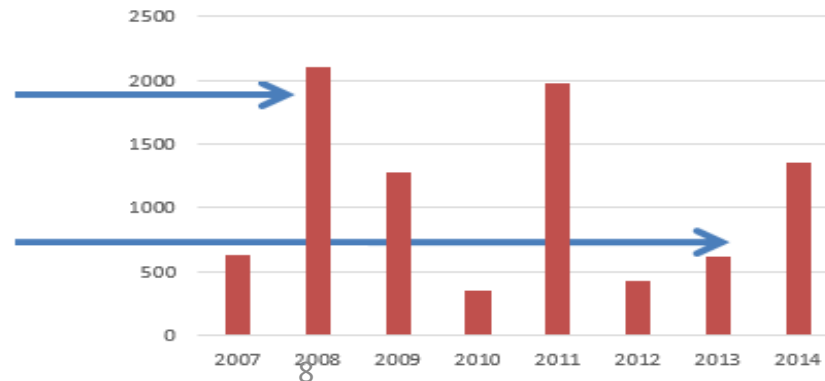
Functionality – Customer Service

**Pothole
Complaint
Relationship
with
Pavement
Management
Investment**

Rehabilitation Funding



Number of Complaints



High complaints in 2008 after multiple years of low investment

Complaints creeping upward in 2014.