

Town of Kingsville Asset Management Plan



Why have an Asset Management Plan (AMP)?

Initiated by the Ministry of Infrastructure in 2011....

- To make better decisions regarding the building, operation and maintenance of our infrastructure assets
- To develop a financial plan to address our current and future infrastructure needs
- To be eligible for provincial funding assistance

Elements of an AMP

- 1) State of Local Infrastructure
- 2) Desired Levels of Service
- 3) Asset Management Strategy
- 4) Financing Strategy



State of Local Infrastructure

Condition	Grade	Age Based Condition Ratings
Excellent	A	<ul style="list-style-type: none">• 1st quarter of useful life
Good	B	<ul style="list-style-type: none">• 2nd quarter of useful life
Fair	C	<ul style="list-style-type: none">• 3rd quarter of useful life
Poor	D	<ul style="list-style-type: none">• 4th quarter of useful life
Critical	F	<ul style="list-style-type: none">• Beyond its useful life

State of Infrastructure - 2013

Asset Category	Condition Rating	Comments
Roads	C	<ul style="list-style-type: none">72% are in fair to excellent condition
Bridges & Culverts	F	<ul style="list-style-type: none">71% are in poor to critical condition*
Storm Sewers	C	<ul style="list-style-type: none">2/3rds are in fair to excellent condition*
Water Network	C	<ul style="list-style-type: none">2/3rds are in fair to excellent condition*
Sanitary Sewers	C	<ul style="list-style-type: none">70% of our mains are in fair to excellent condition*

* Condition ratings are “age based”, not through physical inspection

Funding Analysis -2013

Asset Category	Total Replacement Cost	Estimated Useful Lives	Annual Funding Requirement
Roads	\$143,520,834	20 Years	\$6,899,000
Bridges & Culverts	\$26,245,962	30 – 50 years	\$613,000
Storm Sewers	\$24,599,301	40 – 50 years	\$527,000
Water Network	\$39,662,570	40 – 50 years	\$961,000
Sanitary Sewers	\$42,898,657	40 – 50 years	\$950,000
Total	\$276,927,324		\$9,950,000

Kingsville's Funding Status - 2013

Asset Category	Funding Rating	Sustainable Funding*	Annual Funding Requirement	% Funded
Roads	F	\$1,408,000	\$6,899,000	20%
Bridges & Culverts	F	\$46,000	\$613,000	8%
Storm Sewers	F	\$136,000	\$527,000	26%
Water Network	D	\$510,000	\$961,000	53%
Sanitary Sewers	F	\$258,000	\$950,000	27%
Total		\$2,358,000	\$9,950,000	24%

* Includes Gas Tax, but no other grants

Funding Analysis - 2013

Asset Category	Town of Kingsville % Funded	Municipal Average* % Funded
Roads	20%	39%
Bridges & Culverts	8%	32%
Storm Sewers	26%	46%
Water Network	53%	62%
Sanitary Sewers	27%	57%

* Based on plan's issued by Public Sector Digest

Limitations of this AMP

- The “condition” of all assets, other than roads, is age based
- Replacement costs are based on average construction data at the time
- The actual useful lives of assets could vary significantly from those used for accounting purposes
- Estimated useful lives vary in every municipality

What have we done since 2013?

Asset Management Strategy:

Roads / Sidewalks / Streetlights

- LED streetlight conversion (2015)
- Enhanced crack sealing program
- Annual sidewalk inspection and replacement strategies
- Street Scan Condition Assessment (2018)

Bridges & Culverts

- Biennial Inspections > capital replacement plan and repair strategies



What have we done since 2013?

Asset Management Strategy:

Storm Sewers

- Wigle Ave storm sewer expansion (2015)
- Cottam storm sewer master plan (2016)
- Kingsville storm sewer master plan (2018)
- Storm water management standards for new development
- Targeted CCTV scans



What have we done since 2013?

Asset Management Strategy:

Water

- Park St / Lakeview Ave reconstructions (2016-2018)
- Looping / oversizing initiatives

Sanitary

- Sanitary master plan (2018)
- Cottam infiltration and inflow study
- Targeted CCTV scans



What have we done since 2013?

Financial Strategy:

- Annual increase in capital spending / capital reserve contributions by 2.9% of the municipal tax levy (\$450,000) – *2017 Strategic Plan*
- New lifecycle reserve contributions for roads, bridges, storm sewers, facilities and parks amenities
- Fleet reserve schedule review

What have we done since 2013?

Financial Strategy:

- Modest but steady increases to water / wastewater rates (2013 – 2018)
- Water / wastewater rate study (2018)
- Increased development charges
- Special area levies / local improvements

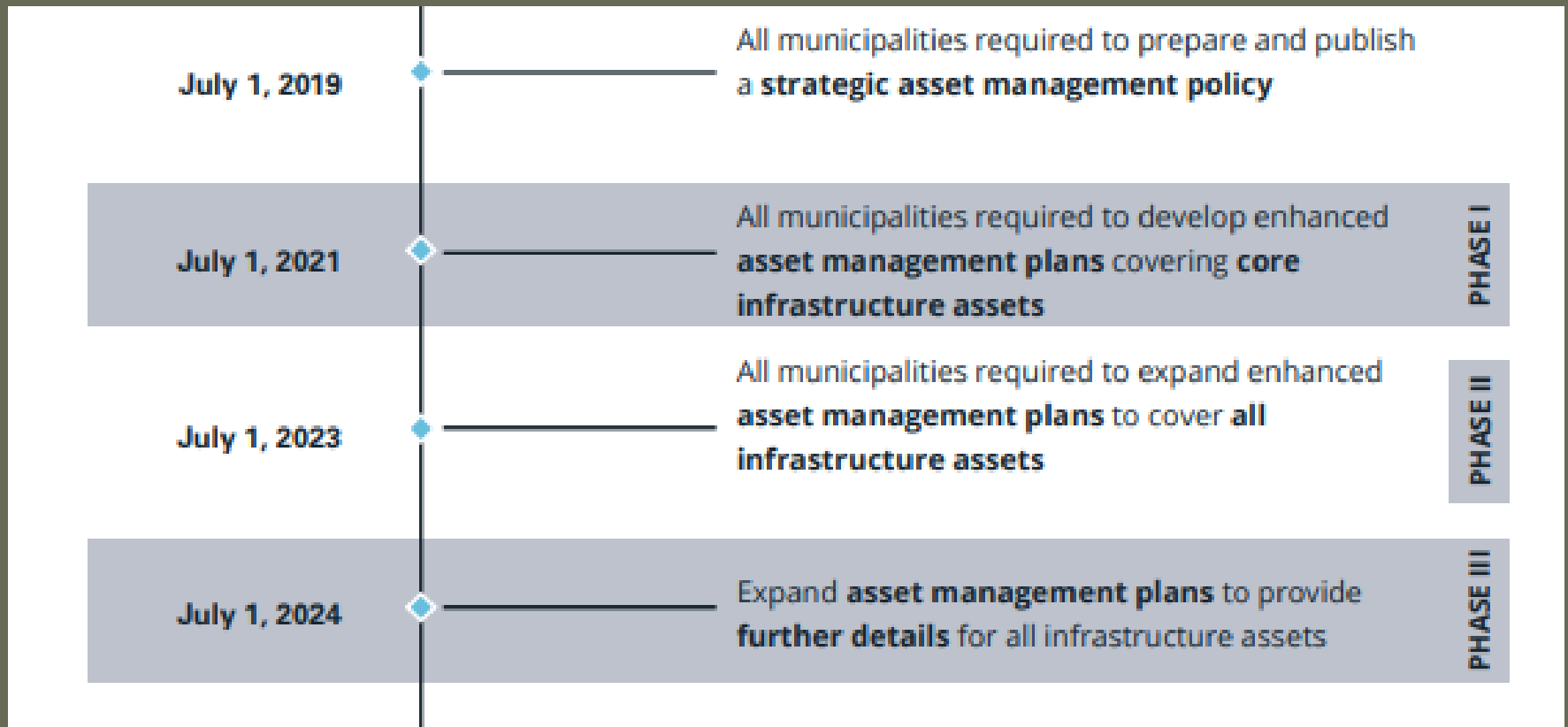
Kingsville's Funding Status - 2018

Asset Category	2013 Sustainable Funding	2018 Sustainable Funding	Annual Funding Requirement	2013 % Funded	2018 % Funded
Roads*	\$1,408,000	\$2,201,000	\$6,899,000	20%	32%
Bridges & Culverts	\$46,000	\$226,000	\$613,000	8%	37%
Storm Sewers	\$136,000	\$150,000	\$527,000	26%	28%
Water Network	\$510,000	\$607,000	\$961,000	53%	63%
Sanitary Sewers	\$258,000	\$350,000	\$950,000	27%	37%
Total	\$2,358,000	\$3,534,000	\$9,950,000	24%	36%

* Includes CWATS and Gas Tax

What's Next?

New Asset Management Legislation: O. Reg. 588/17



What's Next?

Asset Management Policy – July 1, 2019

Outlines:

- Guiding principals and goals for AMP
- How AMPs will be considered in budgeting
- How AMPs will be monitored and communicated to Council
- How AMPs will be updated

What's Next?

Administration

- Development of Asset Management Policy (Winter, 2019)
- Improved condition and cost data > better plans
- Practical financial strategies to address challenges

Council

- Adoption of Asset Management Policy (Spring, 2019)
- Commitment to increase infrastructure spending
- Commitment to long-term capital plans

Asset Management Goals:

- *Self-sustainability*
- *Stable & predictable tax rates*
- *Effective use of tax payer \$*

Thank-you!



Questions / Comments / Concerns?