



Asset Management Plan

Corporate Facilities, Fleet, Natural Heritage and
Road Infrastructure

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Asset Management (AM) Plan

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Introduction

- ▶ Ontario Regulation 588/17 under the Infrastructure for Jobs and Prosperity Act, 2015 requires that municipalities have an Asset Management Plan in place by July 1, 2024 for all municipal infrastructure assets.
- ▶ Four (4) AM Plans:
 - ▶ Corporate Facilities
 - ▶ Fleet
 - ▶ Natural Heritage
 - ▶ Road Infrastructure

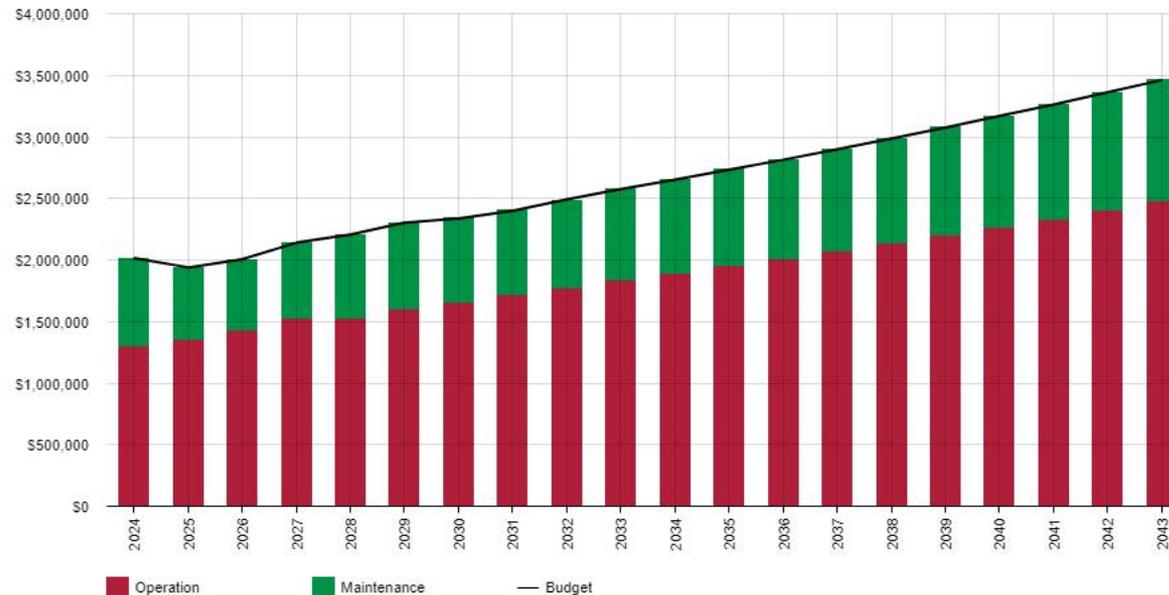
Corporate Facilities: State of the Assets

- ▶ Corporate Facilities assets covered in this plan include:
 - ▶ 3 Administrative Buildings
 - ▶ 10 Buildings at Three (3) Community Recycling Centres
 - ▶ 5 Paramedic Bases
 - ▶ 16 Buildings at Road Operations Bases
 - ▶ 1 Plant (OAFVC)
 - ▶ 1 Communication Tower

- ▶ Total replacement value estimated at \$51,675,750.

Corporate Facilities: Financial Summary

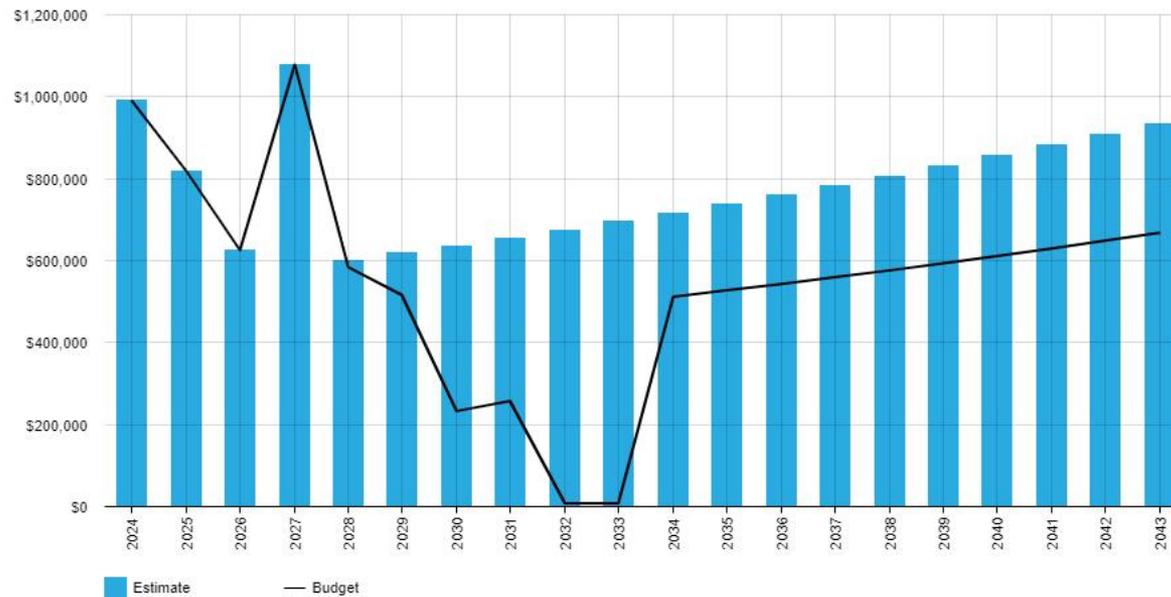
- ▶ Operation & Maintenance (2024-2033)
 - ▶ Forecasted costs – \$22,410,006
 - ▶ Estimated available funding – \$22,410,006
 - ▶ Shortfall - \$0



Corporate Facilities: Financial Summary

► Renewals (2024-2033)

- Forecasted costs – \$7,393,924
- Estimated available funding – \$5,120,820
- Shortfall – \$2,273,104



Corporate Facilities: Financial Summary

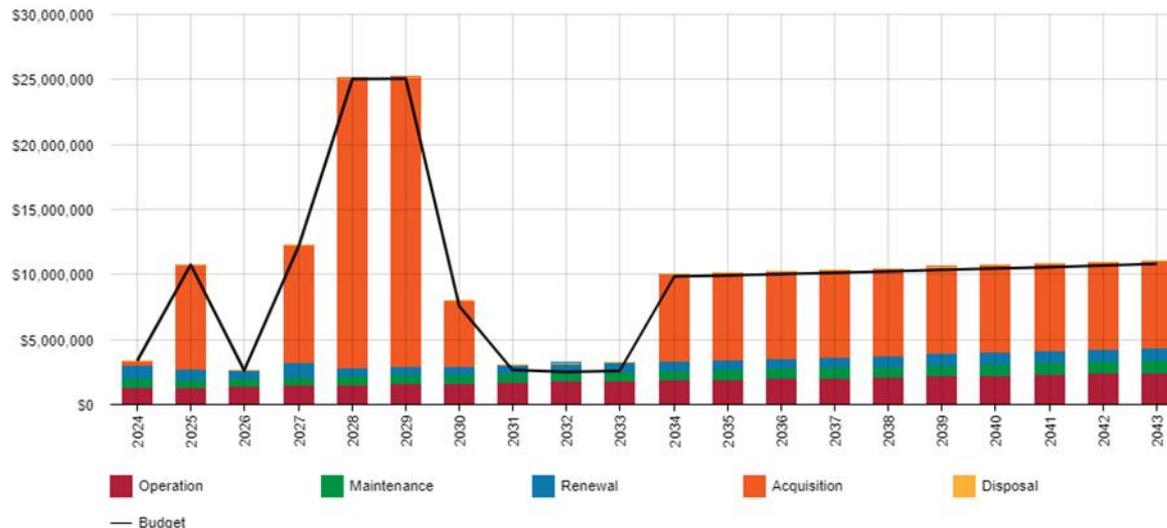
- ▶ Acquisition (2024-2033)
 - ▶ Forecasted costs – \$66,847,384
 - ▶ Estimated available funding – \$66,847,384
 - ▶ Shortfall - \$0

- ▶ Disposals (2024-2033)
 - ▶ Communication Tower (2024) - \$13,000

Corporate Facilities: Financial Summary

▶ Lifecycle Cost (2024-2033)

- ▶ Forecasted costs - \$96,651,312
- ▶ Estimated available funding - \$94,378,208
- ▶ Shortfall - \$2,273,104



Fleet: State of the Assets

▶ Fleet assets covered in this plan include:

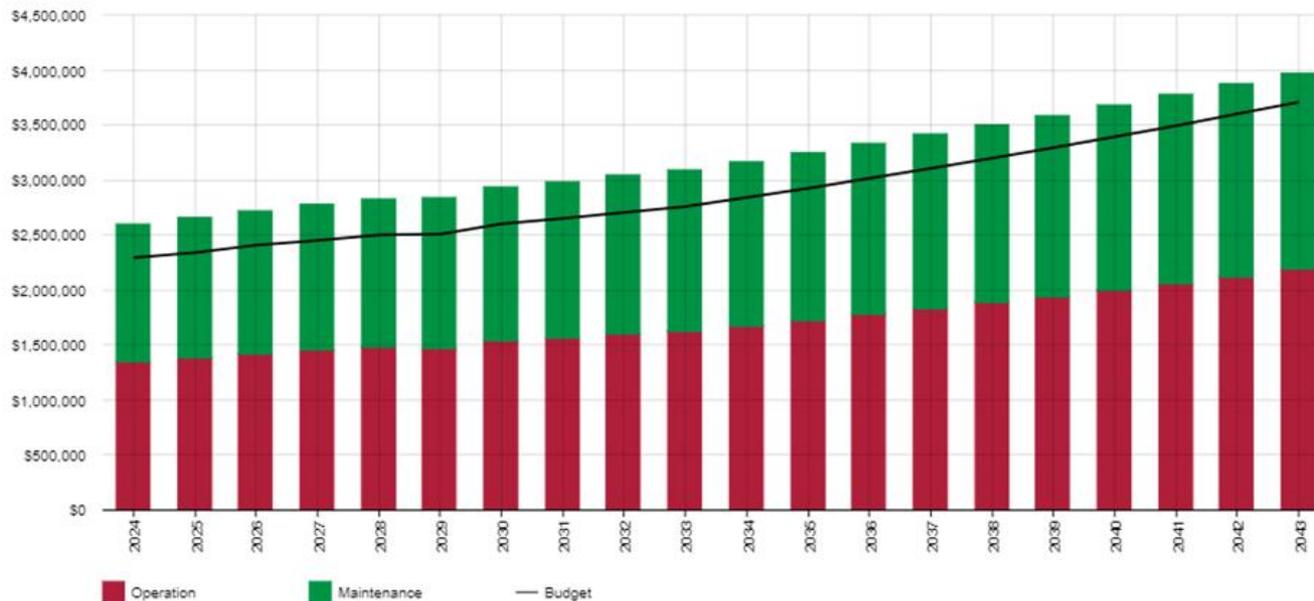
- ▶ 49 Light Vehicles
- ▶ 24 Heavy Vehicles
- ▶ 32 Light Equipment
- ▶ 27 Heavy Equipment
- ▶ 30 Paramedic Vehicles



▶ Total replacement value estimated at \$30,102,900.

Fleet: Financial Summary

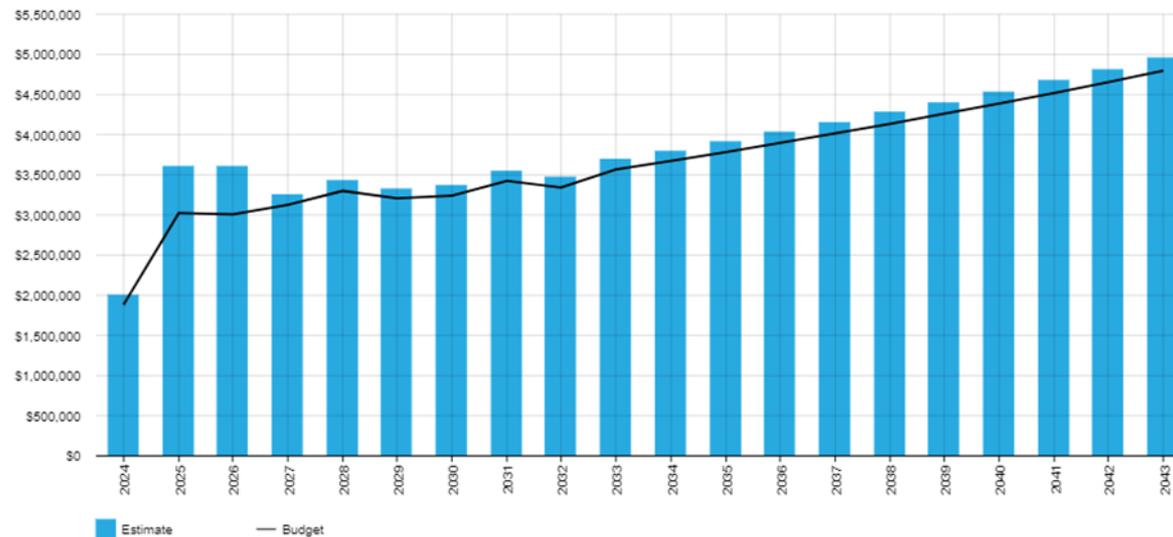
- ▶ Operation & Maintenance (2024-2033)
 - ▶ Forecasted costs – \$28,460,220
 - ▶ Estimated available funding – \$25,219,173
 - ▶ Shortfall - \$3,241,047



Fleet: Financial Summary

▶ Renewals (2024-2033)

- ▶ Forecasted costs – \$33,256,838
- ▶ Estimated available funding – \$31,126,838
- ▶ Shortfall – 2,130,000



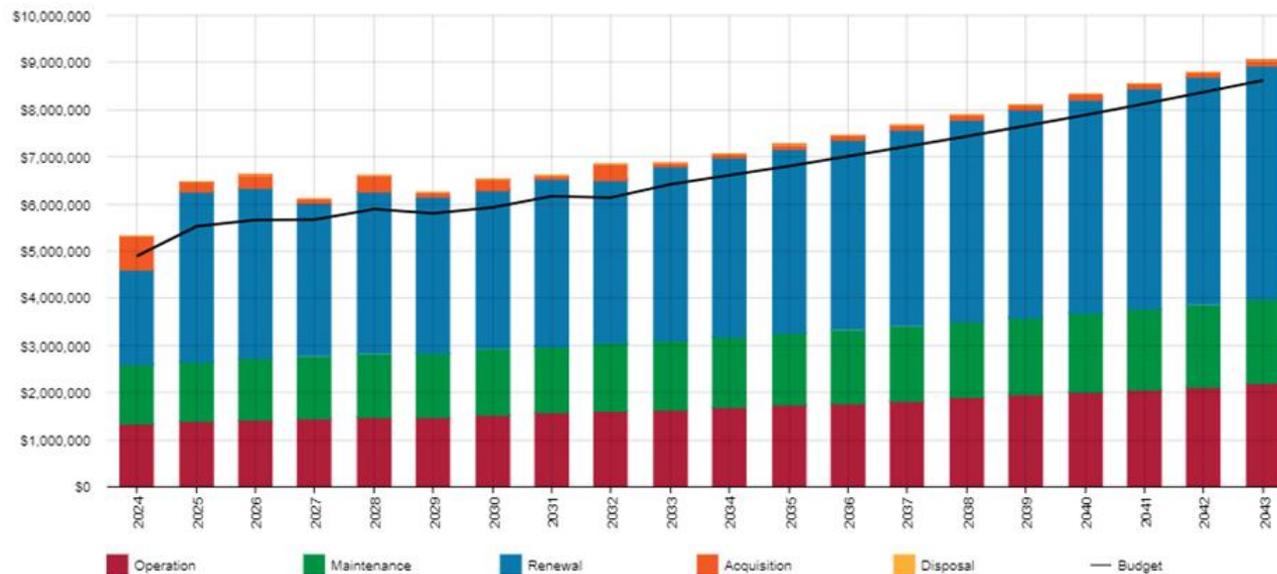
Fleet: Financial Summary

- ▶ Acquisition (2024-2033)
 - ▶ Forecasted costs – \$2,516,000
 - ▶ Estimated available funding – \$1,751,000
 - ▶ Shortfall - \$765,000

- ▶ Disposals (2024-2033)
 - ▶ Two (2) Tractor Backhoe and two (2) broom tractors

Fleet: Financial Summary

- ▶ Lifecycle Cost (2024-2033)
 - ▶ Forecasted costs - \$64,233,058
 - ▶ Estimated available funding - \$58,097,012
 - ▶ Shortfall - \$6,136,046



Natural Heritage: State of the Assets

▶ Natural Heritage assets covered in this plan include:

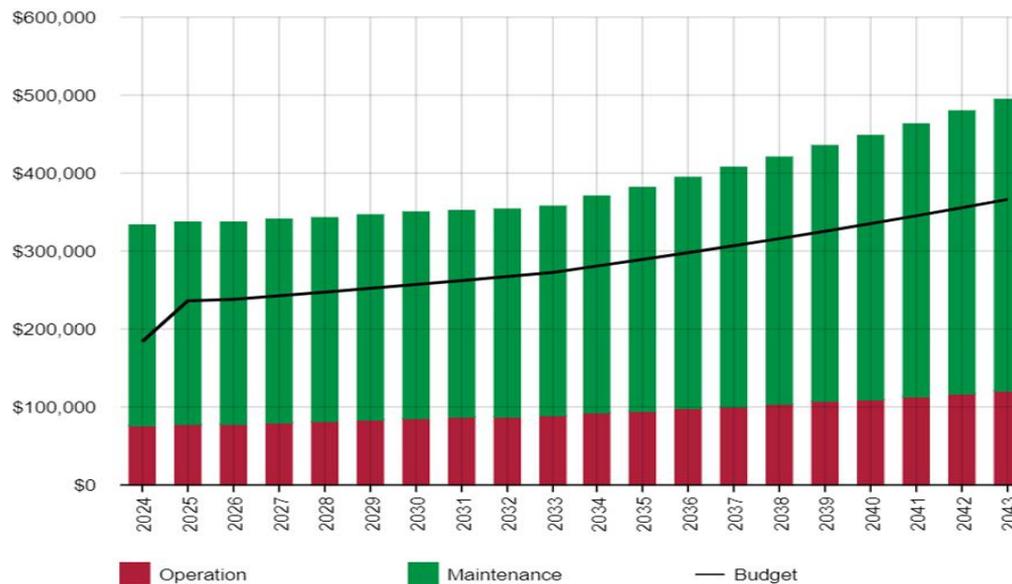
- ▶ 217km of Trails
- ▶ 2,235ha of Forest
- ▶ 6km of Access Roads
- ▶ 5 Parking Lots
- ▶ 1145 Trail Signs
- ▶ 4 Arch Ways
- ▶ 27 Benches
- ▶ 78 Boulders
- ▶ 6 Trail use Counters
- ▶ 28 Gates
- ▶ 3 Garbage Receptacles
- ▶ 5 Kiosks
- ▶ 3 Picnic Tables
- ▶ 900m of Wooden Fence



▶ Total replacement value estimated at \$10,507,295.

Natural Heritage: Financial Summary

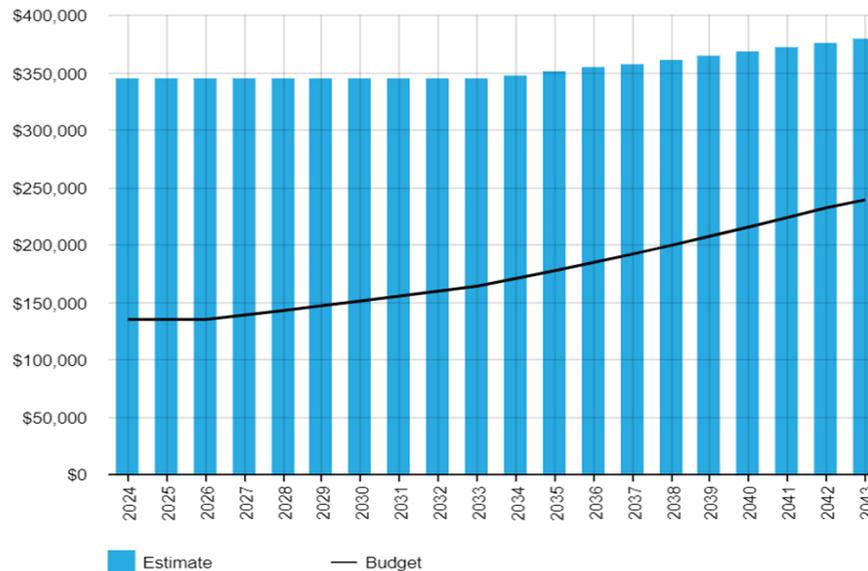
- ▶ Operation & Maintenance (2024-2033)
 - ▶ Forecasted costs – \$3,450,600
 - ▶ Estimated available funding – \$2,458,897
 - ▶ Shortfall - \$991,703



Natural Heritage: Financial Summary

► Renewals (2024-2033)

- Forecasted costs – \$3,444,410
- Estimated available funding – \$1,463,680
- Shortfall – \$1,980,730



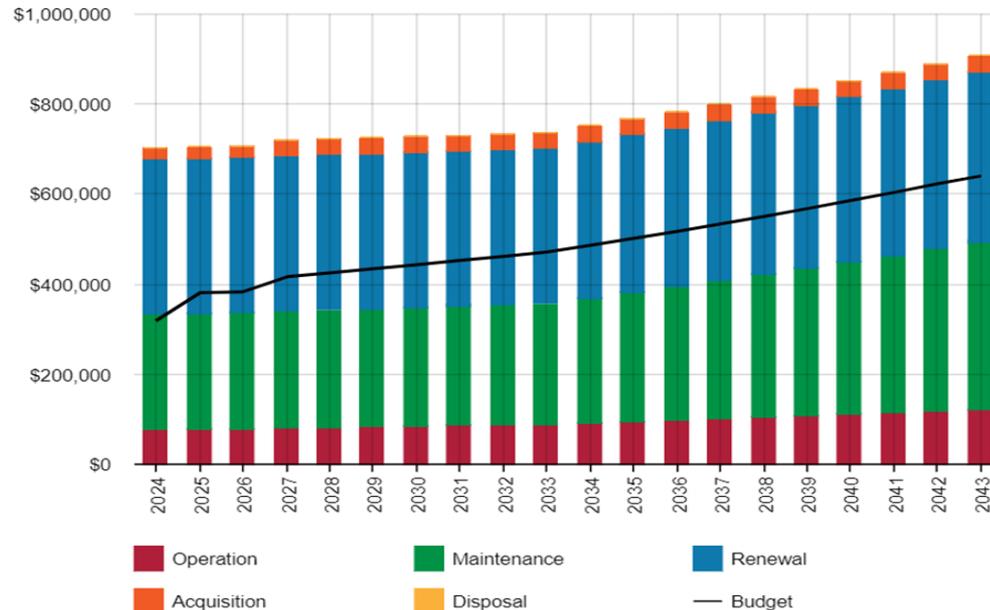
Natural Heritage: Financial Summary

- ▶ Acquisition (2024-2033)
 - ▶ Forecasted costs – \$320,000
 - ▶ Estimated available funding – \$265,000
 - ▶ Shortfall - \$55,000

- ▶ Disposals (2024-2033)
 - ▶ Various Trails (On-going)

Natural Heritage: Financial Summary

- ▶ Lifecycle Cost (2024-2033)
 - ▶ Forecasted costs - \$7,215,010
 - ▶ Estimated available funding - \$4,187,576
 - ▶ Shortfall - \$3,027,434



Road Infrastructure: State of the Assets

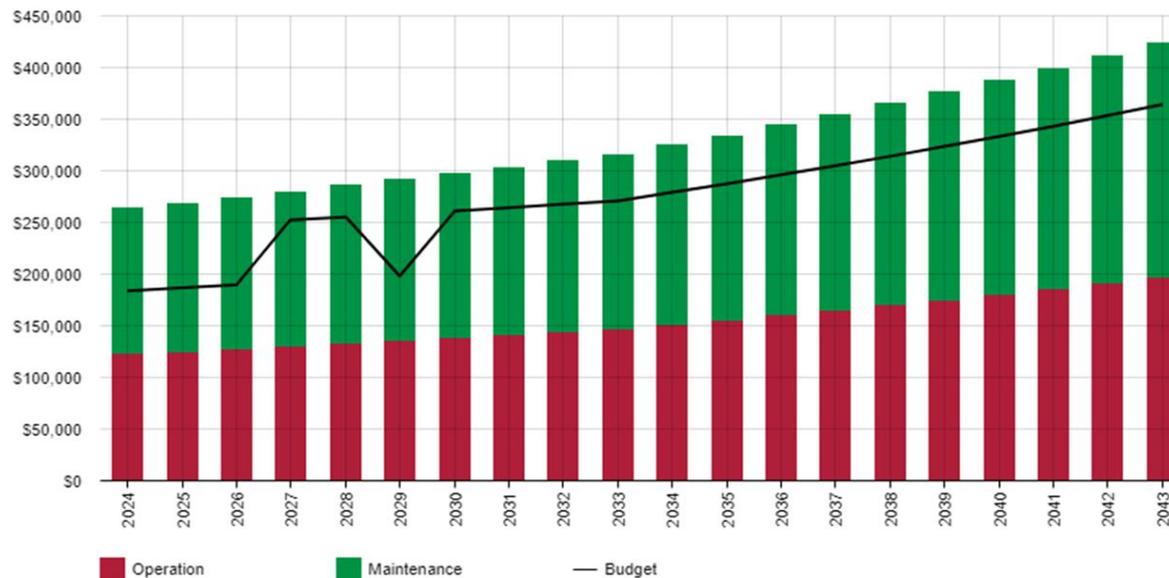
- ▶ Road Infrastructure assets covered in this plan include:
 - ▶ 810 Cross Culverts (less than 3m span)
 - ▶ 629 Safety Guiderail Segments
 - ▶ 5390 Signs
 - ▶ 127 Streetlights and Flashing Beacons
 - ▶ 18 Signalized Intersections

- ▶ Total replacement value estimated at \$49,933,587.



Road Infrastructure: Financial Summary

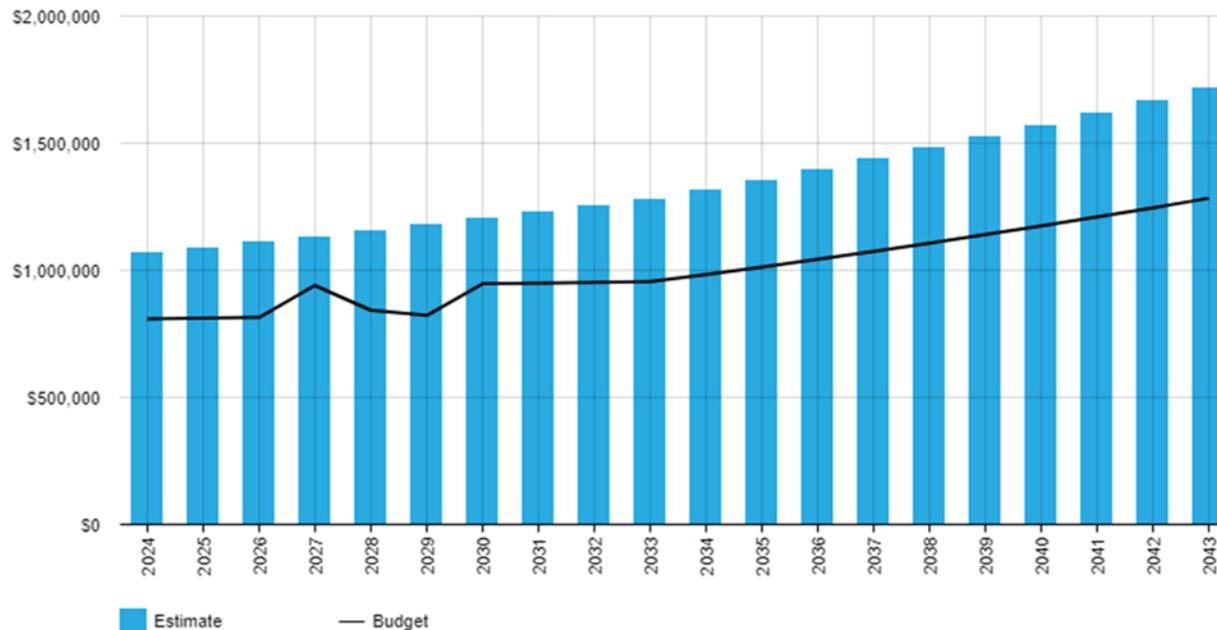
- ▶ Operation & Maintenance (2024-2033)
 - ▶ Forecasted costs – \$2,887,440
 - ▶ Estimated available funding – \$2,330,222
 - ▶ Shortfall - \$557,218



Road Infrastructure: Financial Summary

► Renewals (2024-2033)

- Forecasted costs – \$11,687,732
- Estimated available funding – \$8,842,700
- Shortfall – \$2,845,032



Road Infrastructure: Financial Summary

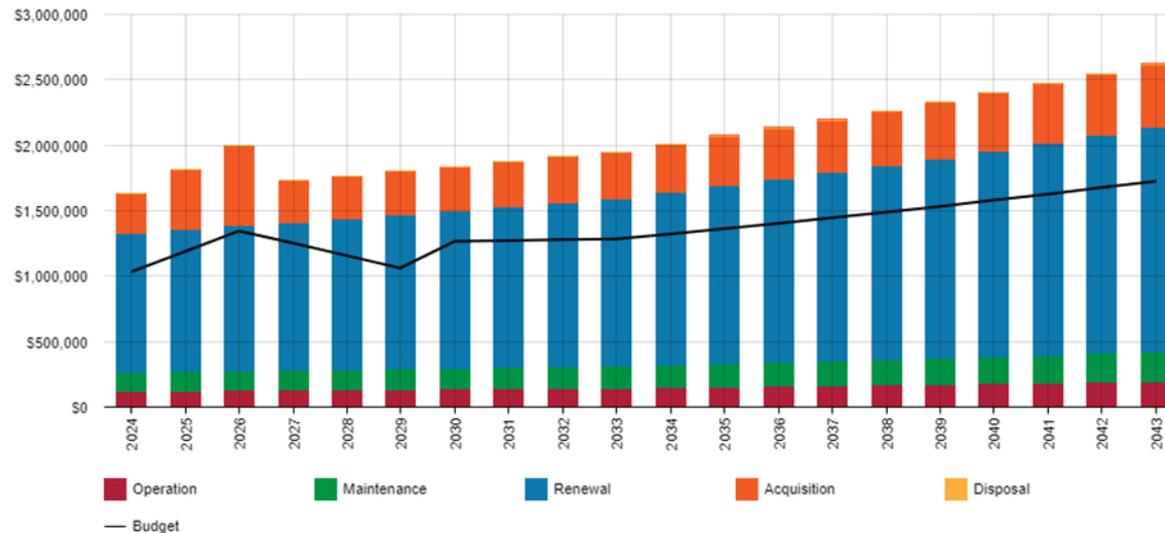
- ▶ Acquisition (2024-2033)
 - ▶ Forecasted costs – \$3,734,917
 - ▶ Estimated available funding – \$972,000
 - ▶ Shortfall - \$2,762,917

- ▶ Disposals (2024-2033)
 - ▶ N/A

Road Infrastructure: Financial Summary

▶ Lifecycle Cost (2024-2033)

- ▶ Forecasted costs - \$18,310,089
- ▶ Estimated available funding - \$12,144,922
- ▶ Shortfall - \$6,165,167



Risks & Demands

- ▶ Risks of insufficient planned budget
 - ▶ Asset condition deterioration
 - ▶ Asset failure, closure or use restrictions
 - ▶ Increased liability
 - ▶ Decreased levels of service (LOS)
 - ▶ Increase maintenance and repair costs
 - ▶ Erosion
 - ▶ Threat of invasive species
- ▶ Future Demands
 - ▶ Increasing population
 - ▶ Climate change
 - ▶ Economic development
 - ▶ Active transportation
 - ▶ Changing technology

Improvement Plan

- ▶ Asset Register development
- ▶ Additional lifecycle modelling
- ▶ Stakeholder/customer satisfaction data
- ▶ Complete detailed asset condition assessments
- ▶ On-going costing updates with Cityworks data
- ▶ Discussions to better understand how assets are valued, tracked and amortized
- ▶ Formalized renewal ranking criteria weighting
- ▶ Develop a more robust risk management plan and formalized renewal ranking criteria

Improvement Plan Continued

- ▶ Incorporate Greenhouse Gas (GHG) Emissions Reduction Plan
- ▶ Review and update Development Charge Study
- ▶ Review of expenditure thresholds for capitalization of assets

Questions?

Thank you!