

Over the 10-year period, on average, the City plans to spend \$273 million annually to maintain and replace its existing assets. Based on identified requirements, additional annual funding of approximately \$90 million will fully address the City's SGR needs. Through prudent asset management, service areas ensure that available funds are applied in a prioritized manner to manage the infrastructure gap.

Implementation of asset management best practices, as well as assistance from senior levels of government through continued infrastructure funding programs, will provide opportunities to address some elements of the funding gap.

The City's stormwater infrastructure has an estimated replacement cost of \$7.6 billion. Future funding of the Stormwater Management Program will need to address asset renewals (replacement and rehabilitation) for the current infrastructure base in addition to new capital assets constructed and assumed.

Future stormwater capital infrastructure requirements are examined in two ways:

- The infrastructure needs for the Stormwater Program are calculated over the 10-year period 2025–2034 and include the capital requirements for all elements of the program (stormwater pipes, watercourses and stormwater management facilities)
- A 100-year analysis was performed in 2020 to forecast the replacement cycle of the existing stormwater pipe infrastructure. The analysis provides the average annual funding requirements over the 100-year period

The difference between the capital infrastructure requirements and the available funding committed in the 2025–2034 capital plan is the infrastructure gap for the Stormwater Program. Over the next 10 years, the Stormwater Program is fully funded.

The 100-year infrastructure gap is the difference between the forecasted 100-year capital needs and the forecasted funding available in the Pipe Reserve Fund, supported primarily by the Stormwater Charge.

The following chart illustrates the funded and unfunded requirements for the 100-year Stormwater Pipe Program on an average annual basis from 2025 to 2124.

On average, the City forecasts spending \$51 million per year on its stormwater pipe infrastructure. Annual renewal costs start to increase significantly around 2051 and continue to escalate for the next 40+ years. To ensure stormwater pipes are replaced at the end of their useful life, an additional \$30 million per year from 2025 to 2124 is required to fully fund the stormwater pipe program.

Through prudent asset management, staff ensure that available funds are applied in a prioritized manner to manage the stormwater infrastructure gap.