

The information below was requested by Council at the November 3, 2014 Financial Workshop

	Inventory ***	Expected Service Life	Cost per mile	Comment	Replacement per year ****	Cost per year	2015 Budget Funding	2015 Funding Gap	2016 Budget Funding	2016 Funding Gap
Water Mains	150 miles	100 years	\$ 1,000,000	Replace - restores full life	1.5 miles	\$ 1,500,000	\$ 1,000,000	\$ 500,000	\$ 1,500,000	\$ -
Sanitary Sewer Mains	95 miles	100 years	500,000	Reline - restores 50-years	0.95 miles	475,000	400,000	75,000	400,000	75,000
Streets (City)	65 miles	17.5 years *	490,000	50% full depth, 50% overlay	3.71 miles	1,817,900	1,000,000	817,900	1,300,000	517,900
Storm Sewer (Concrete)	80 miles	85 years	1,200,000	Replace - restores full life	0.94 miles	1,128,000	1,000,000	128,000	1,000,000	128,000
Storm Sewer (Metal)	5 miles	15 years **	1,000,000	Replace with concrete	0.33 miles	330,000	200,000	130,000	200,000	130,000
Total:						\$ 5,250,900	\$ 3,600,000	\$ 1,650,900	\$ 4,400,000	\$ 850,900

* Average value assuming a 20-year life for full depth restoration and 15-years for 2" overlay. Life varies significantly based on traffic loading and material quality

** Metal storm pipe has not been used in the City for many years. Traditionally I would apply a 25 year life for CMP but most is already severely deteriorated and in need of replacement

*** Inventory lengths reflect our best available current records. Road miles are the only survey grade values at this point and all others will change as we complete surveys

**** Replacement costs include structures like manholes, valves, catch basins, curbing, etc. in an effort to give a simple replacement value for an average street, main, etc.