

## 2009-2018 Parks Irrigation System Replacement Plan

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
The Arvada Parks System includes approximately 600 irrigated acres of developed parks, sports complexes, medians and facility landscaping. The standard lifespan of automatic irrigation systems is 25 years. The lifespan is based on manufacturer recommendations for the use of the plastic, metal and electronic material and parts of a system, as well as the constant exposure to the elements, water friction and soil conditions.	\$ 250,000	\$ 257,500	\$ 265,225	\$ 273,182	\$ 281,377	\$ 289,819	\$ 298,513	\$ 307,468	\$ 316,693	\$ 326,193
The current replacement cost for irrigation systems is approximately \$50,000 per acre. Based on the expected standard lifespan, the yearly capital replacement value is \$1.2 million. However, for the purposes of the parks irrigation system replacement plan, only \$250,000 of the estimated \$1,200,000 is budgeted annually, increasing 3% a year, based on the assumption that each year only the highest priorities will be replaced.										