

Public Utilities CIP

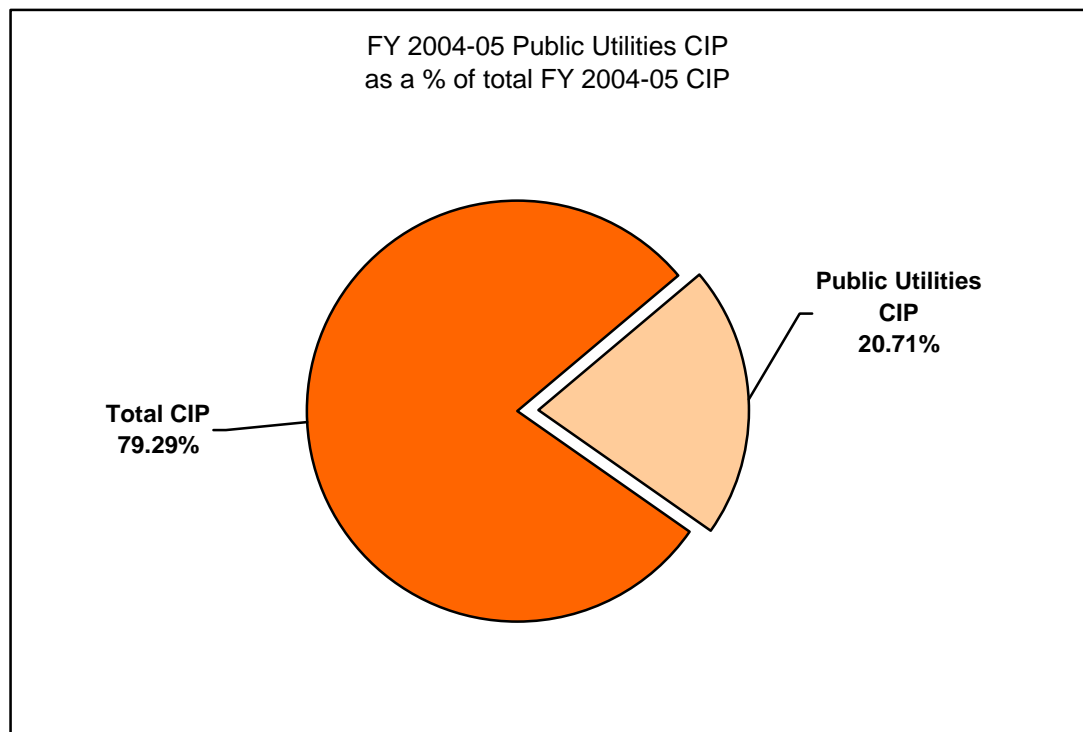
Public Utilities Capital Improvement Program

The Public Utilities CIP is comprised of water and sewer system projects. They include the replacement of existing aging systems and, to meet the community's changing demands, system upgrades. Of the total five-year CIP, this section comprises 36.47%, and FY 2004-05 encompasses 20.71%. Public Utility CIP projects will be funded through Public Utility Revenue Bonds.

In the five-year plan, slightly more than \$58.9 million of proposed projects is programmed. The new projects included in this category are:

- Lake Cohoon Raw Water Pump Station and Pipeline
- Lake Kirby Raw Water Pump Station Replacement
- Lake Kirby Replacement Filters 1-10
- Low Pressure Transmission Mains

As the list of four new projects indicates, the Public Utilities CIP focus is replacement and ongoing existing facility maintenance. For the City's water and sewer systems, the FY 2004-05 \$5.34 million proposal is the long-term maintenance plan's next phase.



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Funding Sources for Public Utilities CIP							
	Funding to Date	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	Total
Economic Dvlpmnt Admin	\$ 2,600,000	-	-	-	-	-	2,600,000
FY 1992 GO Bonds	157,303	-	-	-	-	-	157,303
FY 1993 GO Bonds	350,295	-	-	-	-	-	350,295
FY 1997 GO Bonds	147,186	-	-	-	-	-	147,186
FY 2002 GO Bonds	23,054,651	-	-	-	-	-	23,054,651
FY 2003 PU Bonds	4,512,638	-	-	-	-	-	4,512,638
FY 2004 PU Bonds	9,010,000	-	-	-	-	-	9,010,000
FY 2005 PU Bonds	-	5,334,000	-	-	-	-	5,334,000
FY 2006 PU Bonds	-	-	10,632,333	-	-	-	10,632,333
FY 2007 PU Bonds	-	-	-	12,217,833	-	-	12,217,833
FY 2008 PU Bonds	-	-	-	-	15,374,166	-	15,374,166
FY 2009 PU Bonds	-	-	-	-	-	15,350,000	15,350,000
Public Utility Cash Funding	24,161	-	-	-	-	-	24,161
Sale of Property	919,159	-	-	-	-	-	919,159
Total Funding	\$ 40,775,393	5,334,000	10,632,333	12,217,833	15,374,166	15,350,000	99,683,725

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Adopted Projects for Public Utilities CIP							
	Funding to Date	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	Total
Vacuum Sewer Well/System Rehabilitation	\$ 1,370,290	360,000	790,000	1,467,500	1,767,500	2,034,000	7,789,290
North Truxton Sewers	491,500	-	-	-	-	-	491,500
Sewage Pump Station Replacement Equipment	1,344,500	265,000	-	-	-	-	1,609,500
Brighton/South Portsmouth Sewers	279,259	-	-	-	-	-	279,259
Sewer Cave-in Repair	896,762	200,000	200,000	200,000	200,000	200,000	1,896,762
Camden Avenue Sewer Rehabilitation	503,000	355,000	491,000	464,000	427,000	-	2,240,000
Raw Water Rehabilitation	134,000	-	-	-	-	-	134,000
Repairs to Four Dams	1,086,500	-	-	-	-	-	1,086,500
Neighborhood Water and Sewer Projects	11,971,883	2,000,000	4,250,000	4,750,000	5,250,000	5,750,000	33,971,883
Water Plant Residuals Management and Disposal	3,033,500	750,000	750,000	-	-	600,000	5,133,500
Water Plant Replacement Equipment	2,418,213	549,000	1,114,000	1,147,000	1,182,000	1,220,000	7,630,213
High Service Water Pumps	25,000	-	-	-	-	-	25,000
Meter Replacement Program	208,000	100,000	450,000	464,000	478,000	491,000	2,191,000
Establish Wetlands Mitigation Bank	10,000	-	-	-	-	-	10,000
Miscellaneous Water Work	2,021,563	120,000	123,000	127,000	130,000	134,000	2,655,563
Deep Well Repairs	108,000	-	-	-	-	-	108,000
Godwin St. Reservoir Replacement	9,290,923	-	-	-	-	-	9,290,923
Water Main Replacement	342,000	240,000	246,000	255,000	263,000	271,000	1,617,000
Electrical Facility Relocation at Lake Kilby	5,240,500	-	-	-	-	-	5,240,500
Lake Kilby Raw Water Pumping Station Replacement	-	395,000	1,468,333	1,468,333	1,468,333	-	4,799,999

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	Funding to Date	FY 2004-05	FY 2005-06	FY 2006-07	FY 2007-08	FY 2008-09	Total
Lake Cohoon Raw Water Pump Station and Pipeline	-	-	-	-	600,000	-	600,000
Lake Kilby Replacement Filters 1-10	-	-	750,000	1,250,000	2,983,333	2,983,333	7,966,666
Low Pressure Transmission Mains	-	-	-	625,000	625,000	1,666,667	2,916,667
Total Funding	40,775,393	5,334,000	10,632,333	12,217,833	15,374,166	15,350,000	99,683,725

Estimated Expenditure Cash Flow

The estimated expenditure schedule was based upon various individual project design and construction contract anticipated award dates and the expected contract durations. The estimated expenditure schedule will be used to analyze the cash needs and the projects' estimated debt issuance schedule.

FY 2004-05 Estimated Capital Project Expenditure Schedule					
Total Appropriation	FY 2004-05 Quarter 1	FY 2004-05 Quarter 2	FY 2004-05 Quarter 3	FY 2004-05 Quarter 4	Total Estimated FY 2004-05 Expenditures
\$46,109,393	4,292,719	3,492,379	3,271,801	3,491,844	14,548,743

Estimated Operating Budget Impact

This sections project primarily pertains to ongoing existing municipal facility renovations. During the five-year program, new facilities generally represent a replacement structure and will only require existing resource reallocation. Throughout the FY 2005-06 budget and CIP process, more detailed analysis will be preformed to better understand the future operating budget impact.

Changes from Proposed to Adopted

There were no changes from the proposed CIP.