

Memorandum

Financial Services



Date: February 19, 2009

To: Mayor and Council

From: Jerry Hart, Financial Services Manager (8505)

Subject: FY 09/10 through 13/14 Capital Improvement Program (CIP) Budget Requests

The attached document contains all FY 09/10 through 13/14 CIP requests received by the Financial Services Department for your preliminary review and discussion at the February 19th Issue Review Session. Included is a summary by program/sub-program of all the requests further broken down into a "Previously Approved/Funded" and "Newly Requested/Unfunded" listing. Also included is a detailed description of each request submitted including any associated operating budget impacts.

CIP funding requests for FY 09/10 through 13/14 total \$431,947,367; of which \$332,512,115 is associated with Previously Approved project funding, and \$99,435,252 is associated with Newly Requested project funding.

Projects on the Previously Approved listing simply reflect projects that were Council adopted as part of the current five-year CIP budget, with one additional year of proposed funding added (FY 13/14). Projects on the Newly Requested listing reflect brand new requests or projects submitted in prior years that have not been funded.

Additionally, this information is being provided for your reference at the March 26th Issue Review Session (and the April 2nd Special CIP Work Session, if necessary) at which time staff will present a proposed five-year, balanced capital improvement budget for Council consideration.

Staff will be present at the February 19th Issue Review Session to answer your questions regarding the CIP budget requests.

2009-10 Capital Improvements Program Summary and Project Descriptions



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Total Requested 2009-10 Capital Improvements Program



Program / Sub-Program	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
		2010-11	2011-12	2012-13	2013-14	
Enterprise						
Water	31,436,147	24,706,561	12,572,001	7,374,000	9,285,000	85,373,709
Wastewater	13,350,000	13,680,350	18,566,700	31,755,250	14,546,500	91,898,800
Total Enterprise	44,786,147	38,386,911	31,138,701	39,129,250	23,831,500	177,272,509
Special Purpose						
Transit	3,250,000	245,000	2,554,343	1,319,000	1,393,240	8,761,583
Rio Salado	29,994,974	19,098,131	7,344,000	1,400,000	110,000	57,947,105
Total Special Purpose	33,244,974	19,343,131	9,898,343	2,719,000	1,503,240	66,708,688
General Purpose						
Police Protection	3,276,800	1,417,000	1,282,000	1,315,174	4,036,375	11,327,349
Fire Protection	9,023,863	1,036,246	8,270,671	807,560	3,840,277	22,978,617
Storm Drains	1,150,000	1,150,000	1,250,000	1,250,000	1,300,000	6,100,000
Park Improvements	9,044,875	10,052,750	25,758,500	16,742,000	10,016,000	71,614,125
General Governmental	11,716,718	4,659,721	4,577,956	1,892,000	1,726,000	24,572,395
Total General Purpose	34,212,256	18,315,717	41,139,127	22,006,734	20,918,652	136,592,486
Transportation						
Transportation and R.O.W.	9,805,341	7,496,590	8,041,912	7,981,239	8,437,465	41,762,548
Traffic Signals/Street Lighting	2,165,348	2,074,319	1,675,000	2,021,469	1,675,000	9,611,136
Total Transportation	11,970,689	9,570,909	9,716,912	10,002,708	10,112,465	51,373,684
Total Requested	124,214,066	85,616,669	91,893,083	73,857,692	56,365,857	431,947,367

Previously Approved / Funded 2009-10 CIP Projects by Program



Program / Sub-Program	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
		2010-11	2011-12	2012-13	2013-14	
Enterprise						
Water	25,564,439	24,706,561	9,754,001	5,649,000	9,192,000	74,866,001
Wastewater	13,350,000	13,680,350	18,566,700	31,394,250	14,546,500	91,537,800
Total Enterprise	38,914,439	38,386,911	28,320,701	37,043,250	23,738,500	166,403,801
Special Purpose						
Transit	3,000,000	120,000	2,429,343	1,194,000	1,268,240	8,011,583
Rio Salado	18,755,000	7,307,661	100,000	100,000	100,000	26,362,661
Total Special Purpose	21,755,000	7,427,661	2,529,343	1,294,000	1,368,240	34,374,244
General Purpose						
Police Protection	3,276,800	1,417,000	1,282,000	1,315,174	1,315,174	8,606,148
Fire Protection	8,465,863	456,246	7,670,671			16,592,780
Storm Drains	275,000	275,000	300,000	300,000	350,000	1,500,000
Park Improvements	8,944,875	5,721,750	9,967,500	8,372,000	9,266,000	42,272,125
General Governmental	5,425,333	1,682,000	1,964,000	1,492,000	1,326,000	11,889,333
Total General Purpose	26,387,871	9,551,996	21,184,171	11,479,174	12,257,174	80,860,386
Transportation						
Transportation and R.O.W.	9,805,341	7,496,590	8,041,912	7,981,239	8,437,465	41,762,548
Traffic Signals/Street Lighting	2,065,348	1,974,319	1,575,000	1,921,469	1,575,000	9,111,136
Total Transportation	11,870,689	9,470,909	9,616,912	9,902,708	10,012,465	50,873,684
Total Funded	98,927,999	64,837,477	61,651,127	59,719,132	47,376,379	332,512,115

Newly Requested / Unfunded 2009-10 CIP Projects by Program



Program / Sub-Program	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
		2010-11	2011-12	2012-13	2013-14	
Enterprise						
Water	5,871,708	-	2,818,000	1,725,000	93,000	10,507,708
Wastewater	-	-	-	361,000	-	361,000
Total Enterprise	5,871,708	-	2,818,000	2,086,000	93,000	10,868,708
Special Purpose						
Transit	250,000	125,000	125,000	125,000	125,000	750,000
Rio Salado	11,239,974	11,790,471	7,244,000	1,300,000	10,000	31,584,444
Total Special Purpose	11,489,974	11,915,471	7,369,000	1,425,000	135,000	32,334,444
General Purpose						
Police Protection	-	-	-	-	2,721,201	2,721,201
Fire Protection	558,000	580,000	600,000	807,560	3,840,277	6,385,837
Storm Drains	875,000	875,000	950,000	950,000	950,000	4,600,000
Park Improvements	100,000	4,331,000	15,791,000	8,370,000	750,000	29,342,000
General Governmental	6,291,385	2,977,721	2,613,956	400,000	400,000	12,683,062
Total General Purpose	7,824,385	8,763,721	19,954,956	10,527,560	8,661,478	55,732,100
Transportation						
Traffic Signals/Street Lighting	100,000	100,000	100,000	100,000	100,000	500,000
Total Transportation	100,000	100,000	100,000	100,000	100,000	500,000
Total Unfunded	25,286,067	20,779,192	30,241,956	14,138,560	8,989,478	99,435,252

Previously Approved / Funded CIP Projects - Water Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
5	3299999	Distribution System Fittings	182,594	500,000	400,000	230,000	230,000	230,000	1,590,000
5	32T1000	Environmental Laboratory Facility	-	617,000	2,257,000	2,216,000	540,000	-	5,630,000
6	3209369	HVAC Replacement at all Three Water Wastewater Plants	-	83,000	28,000	51,000	-	-	162,000
6	3200089	JGMWTP Capital Equipment Replacement	-	250,000	250,000	250,000	250,000	250,000	1,250,000
7	32T1001	JGMWTP Security Fence / Lighting	-	2,711,600					2,711,600
7	3201099	JGMWTP Water Quality Upgrades	24,213,898	9,040,000	6,380,000	-	-	-	15,420,000
8	3209309	Ken McDonald Golf Course Recharge Project	150,000	1,484,000	-	-	-	-	1,484,000
8	3200019	New Production Wells	2,126,227	376,998	377,001	377,001	279,000	1,855,000	3,265,000
9	3209319	Small Meter Replacement Program - 2" and under	-	650,000	100,000	100,000	100,000	-	950,000
9	3200079	STWTP Capital Equipment Replacement	-	250,000	250,000	250,000	250,000	250,000	1,250,000
10	32T1002	STWTP Security Lighting	-		2,378,900				2,378,900
10	32T1003	STWTP Water Quality Improvement	-	7,260,000	9,780,000	2,280,000	-	-	19,320,000
11	32T1004	Undergrounding of Water Aqueduct at the JGMWTP	-	-	-	-	-	2,107,000	2,107,000
11	3200591	Update the Integrated Master Plan (IMP)	538,236	-		-	-	500,000	500,000
12	3209289	Utility Billing System Upgrade	-	1,200,000	-	-	-	-	1,200,000
12	3299989	Water Line Replacement and Repair	-	850,000	850,000	4,000,000	4,000,000	4,000,000	13,700,000
13	32T1005	Waterline Upgrade/Replacement Rural (University - Apache)	-	291,841	1,655,660	-	-	-	1,947,501
		Total Request		25,564,439	24,706,561	9,754,001	5,649,000	9,192,000	74,866,001

Newly Requested / Unfunded CIP Projects - Water Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
13	32N1006	Perimeter Metering of ASU Main Campus	-	1,988,800	-	-	-	-	1,988,800
14	3201551	Water Metering Stations	527,092	1,064,908	-	-	-	-	1,064,908
14	32N1008	Water Quality Enhancements of the Water Transmission Grid	-	2,725,000	-	2,725,000	1,725,000	-	7,175,000
15	32N1009	Well Rehabilitation	-	93,000	-	93,000	-	93,000	279,000
Total Request				5,871,708	-	2,818,000	1,725,000	93,000	10,507,708

Project No.	3299999	Name: Distribution System Fittings				
Department:	Water Utilities	Project Location: Various locations				
Est. Start Date:	on-going	Est. Completion Date: on-going				
Project Description:						
This Project provides for the acquisition, assembly and installation of water works infrastructure including meters, valves, fire hydrants and water lines.						
Project Purpose and Need:						
This project assures that all water distribution appurtenances are maintained and replaced in accordance with all State, Federal and Industry Standards. This will make certain our citizen's health and well being is protected and that we are realizing all possible revenue from our meters.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	500,000	400,000	230,000	230,000	230,000	1,590,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.		32T1000		Name: Environmental Laboratory Facility			
Department:		Water Utilities		Project Location: South Tempe Water Treatment Plant			
Est. Start Date:		07/01/09		Est. Completion Date: 06/30/13			
Project Description:							
This project involves the design and construction of a LEED-certified environmental laboratory facility necessary to continue to analyze the quality of its drinking water and reclaimed water supplies as required under federal and state environmental laws, and to ensure the safest possible water supply. Rapidly emerging regulations governing drinking water and reclaimed water supplies have created a nearly 5-fold increase in the last 8 years in the number of analyses that Tempe must conduct to ensure compliance with Clean Water Act and Safe Drinking Water Act requirements. Technological changes necessary to detect pollutants at much lower concentrations have also increased our laboratory footprint. Additionally, the Water department has launched a process control analytical program that will allow us to use analytical data to better ensure that our processes for water and wastewater treatment are effective and sustainable.							
Project Purpose and Need:							
Quality of life and regulatory compliance. The purpose is to allow Tempe to conduct quality analyses of its drinking water and wastewater supplies to ensure compliance with federal and state regulations, and to ensure that Tempe residents receive a safe and sustainable water supply. Without this project, Tempe will increasingly depend on costly contract laboratories to provide water quality analyses, and will be unable to utilize such data to optimize treatment processes and practices due to long turn-around times associated with contract labs.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		617,000	2,257,000	2,216,000	540,000	-	5,630,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	15,000	15,000	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	15,000	15,000	

Project No.	3209369	Name: HVAC Replacement at all three of the Water Wastewater Plants				
Department:	Water Utilities	Project Location: Various locations				
Est. Start Date:	07/01/08	Est. Completion Date: on-going				
Project Description:						
Replace City owned A/C equipment and carpet located within the three water and wastewater plants that has been identified as being ineffective, inefficient or has exceed its life span by the Public Works - Facility Maintenance staff.						
Replacement schedule is as follows:						
2009/10 - replace 14 A/C and heat pumps @ the JGMWTP, STWTP & Kyrene						
2010/11 - replace 1 heat pump & other equipment @ the JGMWTP, STWTP and Kyrene						
2011/12 - replace 8 heart pumps and A/C units @ JGMWTP, STWTP, and Kyrene						
Project Purpose and Need:						
Replace ineffective and inefficient HVAC equipment.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	83,000	28,000	51,000	-	-	162,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	3200089	Name: JGMWTP Capital Equipment Replacement					
Department:	Water Utilities	Project Location: JGMWTP					
Est. Start Date:	On-going	Est. Completion Date: On-going					
Project Description:							
Recurring annual JGM Treatment Plant capital equipment replacement.							
Project Purpose and Need:							
Every year there are unexpected failures of pumps, valves, and other operating equipment due to fatigue, wear, structural failure and many other reasons. These failures cannot always be predicted even though we are developing comprehensive preventive and predictive maintenance programs and procedures. This project provides an annual funding mechanism to facilitate replacement of equipment that fails and has not been specifically budgeted for.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		250,000	250,000	250,000	250,000	250,000	1,250,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	32T1001	Name: JGMWTP Security Fence / Lighting					
Department:	Water Utilities	Project Location: JGM Water Treatment Plant					
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/10					
Project Description:							
This project would replace the existing chain link fence that runs the western perimeter along the JGM Water Treatment Plant and provide perimeter lighting along the same path. The chain link fence currently in place is over 20 years old and is in need of repair. The exiting material (Chain Link) is our only barrier from public access and is not considered to be a high security barrier. The fence would be replaced with a higher level of security fence consisting of solid metal vertical and horizontal materials. The proposed lighting would consist of free standing poles with lighting fixtures which would illuminate the perimeter							
Project Purpose and Need:							
This project is a continuation of security improvements which were recommended by the assessors who conducted our vulnerability assessment as per the Department of Homeland Security. This project will be affective in delaying, deterring and detecting unauthorized persons entering our secured facility.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		2,711,600	-	-	-	-	2,711,600
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	5,000	5,000	5,000	
Capital Outlay		-	-	-	-	-	
Total		0	0	5,000	5,000	5,000	

Project No.	3201099	Name: JGMWTP Water Quality Upgrades					
Department:	Water Utilities	Project Location: JGM Water Treatment Plant					
Est. Start Date:	Est. Completion Date: 06/30/10						
Project Description:							
Planning, design, permitting and construction of facilities to improve water quality.							
Project Purpose and Need:							
Additional improvements are required to meet water quality regulations. This project includes improvements to solids handling facilities (plate settlers and sludge holding tank), chemical feed systems and sedimentation basin improvements. Reservoir aeration and other alternatives to GAC (Granular Activated Carbon) for control of disinfection byproducts will be studied and implemented.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		9,040,000	6,380,000	-	-	-	15,420,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		50,000	300,000	675,000	775,000	775,000	
Capital Outlay		-	-	-	-	-	
Total		50,000	300,000	675,000	775,000	775,000	

Project No.	3209309	Name: Ken McDonald Golf Course Recharge Project					
Department:	Water Utilities	Project Location: Ken McDonald Golf Course					
Est. Start Date:	07/01/08	Est. Completion Date: 06/30/10					
Project Description:							
Drill and outfit one aquifer storage and recovery well at the Ken McDonald Golf course.							
Project Purpose and Need:							
Full utilization of reclaimed water. Increase aquifer storage in Tempe for future recovery and use.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		1,484,000	-	-	-	-	1,484,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	3200019	Name: New Production Wells					
Department:	Water Utilities	Project Location: Various locations					
Est. Start Date:	On-going	Est. Completion Date: On-going					
Project Description:							
Connect two Salt River Project wells located at Kyrene South of Warner and McClintock & University. Drill and outfit one new City of Tempe well. The SRP wells and inactive Tempe well will be connected during FY's 09-10, 10-11 and 11-12. The new well will be designed and permitted during FY 12-13 and constructed during FY 13-14.							
Project Purpose and Need:							
Municipal water supply for the City of Tempe municipal service area. These additional wells provide groundwater as a backup supply during drought or plant shut down and for blending to improve water quality.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		376,998	377,001	377,001	279,000	1,855,000	3,265,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	3209319	Name: Small Meter Replacement Program - 2" and under					
Department:	Water Utilities	Project Location: City wide					
Est. Start Date:	07/01/08	Est. Completion Date: on-going					
Project Description:							
This Project provides for the replacement of revenue generating water meters that are 15 years or older.							
Project Purpose and Need:							
By replacing these meters the City will realize increased revenue and accurate water accounting from meters that have reached the end of their useful life							
Replace approximately 11,000 small meters that are 15 years or older:							
Year 1) 5,500 meters			Ongoing replacement program:				
Year 2) 5,500 meters			Year 3) 850 Meters				
			Year4) 850 Meters				
			Year5) 850 Meters				
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		650,000	100,000	100,000	100,000	-	950,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	3200079	Name: STWTP Capital Equipment Replacement				
Department:	Water Utilities	Project Location: STWTP				
Est. Start Date:	On-going	Est. Completion Date: On-going				
Project Description:						
Recurring annual South Tempe Water Treatment Plant capital equipment replacement.						
Project Purpose and Need:						
Every year there are unexpected failures of pumps, valves, and other operating equipment due to fatigue, wear, structural failure and many other reasons. These failures cannot always be predicted even though we are developing comprehensive preventive and predictive maintenance programs and procedures. This project provides an annual funding mechanism to facilitate replacement of equipment that fails and has not been specifically budgeted for.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	250,000	250,000	250,000	250,000	250,000	1,250,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	32T1002	Name: STWTP Security Lighting					
Department:	Water Utilities	Project Location: South Tempe Water Treatment Plant					
Est. Start Date:	07/01/10	Est. Completion Date: 06/30/11					
Project Description:							
The lighting proposed for this site would be of both free standing poles and wall mounted fixtures that would provide sufficient illumination for deterrence and detection of unauthorized persons. The primary focus of lighting would be along the southern, western and northern perimeters of the site where we have minimal to non existent pole lighting. The wall mounted fixtures would replace and supplement existing lighting on critical structures inside the perimeter.							
Project Purpose and Need:							
This project is a continuation of the security improvements as recommended by the assessors who conducted our vulnerability assessment as per the Department of Homeland Security. This project will be affective in delaying, deterring and detecting unauthorized persons entering our secured facility.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	2,378,900	-	-	-	2,378,900
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	10,000	10,000	10,000	
Capital Outlay		-	-	-	-	-	
Total		0	0	10,000	10,000	10,000	

Project No.	32T1003	Name: STWTP Water Quality Improvement					
Department:	Water Utilities	Project Location: STWTP					
Est. Start Date:	07/01/09	Est. Completion Date: 12/31/12					
Project Description:							
Planning, design, permitting and construction of additional treatment facilities.							
Project Purpose and Need:							
Improvements are required to replace aging equipment, and to meet current and future water quality regulations,. This project includes a comprehensive study of treatment alternatives. Anticipated improvements include the addition of reservoir aeration, new powdered activated carbon lines, improved coagulant dosing, reservoir chlorine dosing system, additional sludge drying beds, well water discharge structures, reservoir drains and replacement of the finished water pump station. Major operating impacts to this project include additional electrical and chemical use.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		7,260,000	9,780,000	2,280,000	-	-	19,320,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	50,000	425,000	775,000	775,000	
Capital Outlay		-	-	-	-	-	
Total		0	50,000	425,000	775,000	775,000	

Project No. 32T1004 Name: Undergrounding of Water Aqueduct at the JGMWTP							
Department: Water Utilities		Project Location: JGMWTP					
Est. Start Date: 07/01/15		Est. Completion Date: 03/31/17					
Project Description: The replacement of the water aqueduct or flume that supplies raw water to the JGM Water Treatment Facility with an underground pipe.							
Project Purpose and Need: The vulnerability assessment of the WUD indicated that this piece of infrastructure needed addressing. Recently extensive repairs to the leaking joints in the flume have been performed and the expected life of these repairs is 7-10 years. Project need should be addressed within this parameter.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	-	-	-	2,107,000	2,107,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No. 3200591 Name: Update the Integrated Master Plan (IMP)						
Department: Water Utilities		Project Location: 01/00/00				
Est. Start Date: on-going		Est. Completion Date: on-going				
Project Description: WUD completed (1999 - 2000) the first master planning effort for water, wastewater, storm water and flood irrigation. A deliverable from the IMP was also a very functional financial model that aids in CIP planning and rate setting. In order to continually meet service delivery goals it is necessary to regularly update the master plan. Because of the projected intense capital spending projected to meet growing service demand, it is imperative to update the master plan initially on a three-year cycle. If growth slows in the future the period between IMP updates may be increased.						
Project Purpose and Need: This project provides funding to facilitate the IMP recommended update.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	-	-	-	-	500,000	500,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	3209289	Name: Utility Billing System Upgrade					
Department:	Financial Services	Project Location: Financial Services - Customer Services					
Est. Start Date:	07/01/08	Est. Completion Date: 07/01/10					
Project Description:							
This project is for the upgrade/replacement of the Utility Billing application.							
Project Purpose and Need:							
Currently, the Banner utility billing system bills an estimated \$56 million annually for the City's Water, Sewer and Solid Waste services for approximately 42,000 accounts. The current system has been operational since June 2001 with expected replacement for June 2010 (a nine year life). Modifications to the original software and the fact that a current software maintenance agreement is not in place, necessitates system replacement. Annual maintenance cost is estimated to be \$110,000 starting in FY 2009-10.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		1,200,000	-	-	-	-	1,200,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		110,000	110,000	110,000	110,000	110,000	
Capital Outlay		-	-	-	-	-	
Total		110,000	110,000	110,000	110,000	110,000	

Project No.	3299989	Name: Water Line Replacement and Repair				
Department:	Water Utilities	Project Location: Various locations				
Est. Start Date:	On-going	Est. Completion Date: On-going				
Project Description:						
The WUD Integrated Master Plan identifies most of the specific waterlines that need to be replaced to meet increasing demands.						
Project Purpose and Need:						
This project provides a recurring funding source to replace water lines that break during normal operation or that have reached their useful life.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	850,000	850,000	4,000,000	4,000,000	4,000,000	13,700,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	32T1005	Name: Waterline Upgrade/Replacement Rural (University - Apache)					
Department:	Water Utilities	Project Location: Waterline Upgrade/Replacement Rural (University - Apache)					
Est. Start Date:	07/01/09	Est. Completion Date: 09/30/10					
Project Description:							
This water line will replace/upgrade the existing 14" cast iron pipe between University and Apache. Approximately 2600' of 16" ductile iron pipe will be tied to the 30" transmission main at University and Apache. New fire hydrants, gate valves, onsite fire suppression system connections, services/meters, and connections to the distribution system will be included.							
Project Purpose and Need:							
The existing pipe was installed in 1964/68 and is nearing the end of its design life. In addition the non-standard diameter makes new connections and repairs more expensive and of longer duration. This also provides for increased service demands by ASU.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		291,841	1,655,660	-	-	-	1,947,501
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	32N1006	Name: Perimeter Metering of ASU Main Campus					
Department:	Water Utilities	Project Location: Perimeter Metering of ASU Main Campus					
Est. Start Date:	07/01/09	Est. Completion Date:					
Project Description:							
Install perimeter metering for the ASU main campus bounded by University Dr., Rural Rd., Apache Blvd., and Mill Ave. Meter vaults, meters, backflow prevention devices, and piping reconfiguration as required.							
Project Purpose and Need:							
The ASU main campus has numerous water mains throughout that are not accessible nor maintainable due to lack of easements and placement (in ASU utility tunnels and other locations not reachable by equipment necessary for maintenance/repair). Perimeter metering will enable the metering of all water used on the main campus and reduce the risk of collateral damage. It also eliminates WUD personnel from being placed in a work environment for which they are not trained nor equipped due to main location.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		1,988,800	-	-	-	-	1,988,800
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No. 3201551		Name: Water Metering Stations					
Department: Water Utilities		Project Location: Various Locations					
Est. Start Date: Ongoing		Est. Completion Date: 06/30/10					
Project Description: Design and construction of nine flow and water quality monitoring stations dispersed throughout the water distribution system.							
Project Purpose and Need: It is difficult to monitor water quality once water leaves the water treatment plants. The addition of these stations will provide continuous, real-time data that can be used in conjunction with existing computer models to more accurately measure the movement of water and monitor changes in water quality through the system.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		1,064,908	-	-	-	-	1,064,908
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No. 32N1008		Name: Water Quality Enhancements of the Water Transmission Grid					
Department: Water Utilities		Project Location: Various					
Est. Start Date: 04/01/09		Est. Completion Date: 01/01/12					
Project Description: Retirement of 24" diameter transmission mains in various locations. In descending order of retirement: 1.) Price Rd. from University to Southern (2 mi.); 2.) Kyrene Rd. from Guadalupe to Warner (2 mi.); 3.) Priest Dr. from Elliot to Warner (1 mi.); 4.) University Dr. from McClintock to Price (1 mi.); 5.) Rural Rd. from Guadalupe to Warner (2 mi.); 6.) Price Rd. from baseline to Guadalupe (1 mi.). These mains are to be physically separated from the remaining water delivery system. Interconnections are to be severed and appropriately plugged to maintain system integrity. In some locations new distribution main, valves, and fire hydrants are to be constructed with these retirements to maintain service levels.							
Project Purpose and Need: More stringent water quality parameters relating to disinfection byproducts (DBPs) will become a reality in 2012. These transmission mains constitute "horizontal reservoirs" in the delivery system. One method of DBP control is limiting the time from water disinfection to customer use. These transmission mains were installed per a water master plan circa 1960. The system demand based on projected planning parameters (population/use driven) has not occurred particularly where these mains are located. As a result they need to be retired from service. Each mile of 24" diameter pipe holds 124,000 gallons. This retirement will reduce "horizontal reservoir" storage by more than one million gallons in areas of relatively small demand significantly improving DBP levels. Number 1 segment will be retired and the efficacy of this DBP improvement strategy will be further investigated within the water system prior to continuing with the remaining proposed segments.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		2,725,000	-	2,725,000	1,725,000	-	7,175,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	32N1009	Name: Well Rehab				
Department:	Water Utilities	Project Location: Tempe Well Sites				
Est. Start Date:	07/01/09	Est. Completion Date: On-going				
Project Description:						
Rehabilitation and major structural repair of City supply wells.						
Project Purpose and Need:						
Maintain older supply wells so that they will continue to provide municipal water supply for the City of Tempe water service area.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	93,000	-	93,000	-	93,000	279,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Previously Approved / Funded CIP Projects - Wastewater Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
17	3200129	91st Avenue WWTP	5,931,871	12,500,000	12,500,000	13,000,000	12,000,000	10,000,000	60,000,000
17	3209409	Kyrene Water Reclamation Plant Equipment Replacement	-	100,000	150,000	200,000	250,000	250,000	950,000
18	3299969	Sewer Line Replacement and Repair	653,359	750,000	750,000	2,000,000	2,000,000	2,000,000	7,500,000
18	32T1010	Sewer Replacement/Upsize - 5th Street Price to Smith	-	-	-	-	278,250	2,296,500	2,574,750
18	3209389	Sewer Replacement/Upsize Smith Rd Apache to University	200,000	-	280,350	2,312,700	-	-	2,593,050
19	3200589	Southern Avenue Interceptor (SAI) Rehabilitation	6,560,513	-	-	1,054,000	16,866,000	-	17,920,000
Total Request				13,350,000	13,680,350	18,566,700	31,394,250	14,546,500	91,537,800

Newly Requested / Unfunded CIP Projects - Wastewater Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
19	3200139	Sewer Upgrade - Farmer 12-inch	356,000	-	-	-	361,000	-	361,000

Project No.	3200129	Name: 91st Avenue WWTP				
Department:	Water Utilities	Project Location: 91st Avenue WWTP				
Est. Start Date:	On-going	Est. Completion Date: On-going				
Project Description:						
The 91st Avenue Wastewater Treatment Plant (WWTP) is a regional treatment facility that is jointly owned by five valley cities and is operated by the City of Phoenix. The 91st Avenue WWTP represents the majority of Tempe's wastewater treatment program. This project represents Tempe's share of all capital activities at the 91st Avenue WWTP including treatment capacity expansion projects, capital equipment replacement, modifications and additions to meet regulatory requirements, process enhancements and also capacity expansion of the jointly owned trunk sewer lines that convey wastewater flows to the plant.						
Project Purpose and Need:						
The purpose of this project is to provide wastewater treatment and transmission capacities to treat and convey the majority of Tempe's wastewater flows to the 91st Avenue WWTP, including solids discharge from our Kyrene Water Reclamation Facility. Not funding or deferring funding for this project will impact Tempe's ability to treat and convey both current and future wastewater flows and may result in non-compliance with both federal and state regulatory requirements.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	12,500,000	12,500,000	13,000,000	12,000,000	10,000,000	60,000,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	3209409	Name: Kyrene Water Reclamation Plant Equipment Replacement					
Department:	Water Utilities	Project Location: Kyrene Water Reclamation Plant					
Est. Start Date:	On-going	Est. Completion Date: On-going					
Project Description:							
Recurring annual Kyrene Water Reclamation Plant capital equipment replacement.							
Project Purpose and Need:							
Every year there are unexpected failures of pumps, valves, and other operating equipment due to fatigue, wear, structural failure and many other reasons. These failures cannot always be predicted even though we are developing comprehensive preventative maintenance programs and procedures. This project provides an annual funding mechanism to facilitate replacement of equipment that fails and has not been specifically budgeted for.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		100,000	150,000	200,000	250,000	250,000	950,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	3299969	Name: Sewer Line Replacement and Repair					
Department:	Water Utilities	Project Location: Various locations					
Est. Start Date:	On-going	Est. Completion Date: On-going					
Project Description:							
The WUD Integrated Master Plan (IMP) identified most of the specific sewer lines that need to be replaced to meet increasing wastewater flows.							
Project Purpose and Need:							
This project provides a recurring funding source to replace sewer lines that break during normal operation.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		750,000	750,000	2,000,000	2,000,000	2,000,000	7,500,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	32T1010	Name: Sewer Replacement/Upsize - 5th Street Price to Smith					
Department:	Water Utilities	Project Location: 5th street - Price to Smith					
Est. Start Date:	07/01/13	Est. Completion Date: 09/30/14					
Project Description:							
Replace /upsize the existing 15" sanitary sewer due to insufficient capacity. New sewer to be 18" dia. Estimated length is 2650 feet.							
Project Purpose and Need:							
New sewer will facilitate Apache Blvd. re-development.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	-	-	278,250	2,296,500	2,574,750
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	3209389	Name: Sewer Replacement/Upsize Smith Rd Apache to University				
Department:	Water Utilities	Project Location: Smith Rd - Apache to University				
Est. Start Date:	07/01/11	Est. Completion Date: 09/30/12				
Project Description:						
Replace the existing 12"/15" sanitary sewer due to insufficient capacity. New sewer to be 18" dia. Length is approximately 2670 feet.						
Project Purpose and Need:						
New sewer will alleviate high flow and facilitate Apache Blvd. re-development.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	-	280,350	2,312,700	-	-	2,593,050
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	3200589	Name: Southern Avenue Interceptor (SAI) Rehab				
Department:	Water Utilities	Project Location: Southern Ave Hardy - East City Limits				
Est. Start Date:	On-going	Est. Completion Date: 12/31/12				
Project Description:						
Rehabilitation of the Southern Avenue Interceptor (SAI) within limits of the City of Tempe.						
Project Purpose and Need:						
The SAI is a jointly owned regional sewer that runs through Tempe. A November 2005 study by Brown and Caldwell Engineers revealed severe corrosion of this unlined concrete sewer line. The study recommended a phased rehabilitation or replacement of this line to protect it from eventual collapse. This project combines all of the phases of the multi-year rehabilitation of the SAI into a single project. Phase I was completed in 2006. Costs for Phases II and III are included in this CIP. The project will be jointly funded by both Tempe and Mesa.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	-	-	1,054,000	16,866,000	-	17,920,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	3200139	Name: Sewer Upgrade - Farmer 12-inch					
Department:	Water Utilities	Project Location: Farmer Avenue 5th Street to 1st Street					
Est. Start Date:	07/01/12	Est. Completion Date: 06/30/13					
Project Description:							
Replace the existing 8" sanitary sewer due with a new 12" sewer. Length is approximately 1,300 feet.							
Project Purpose and Need:							
The Wastewater Master Plan identified this reach of sewer as being under capacity for the anticipated future development in this area.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	-	-	361,000	-	361,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Previously Approved / Funded CIP Projects - Transit Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
21	6003059	Broadway Road Streetscape and Pedestrian Improvements Mill-Rural	-	3,000,000	-	-	-	-	3,000,000
21	60T1012	Hardy Drive Pedestrian Street Improvement	-	-	-	120,000	1,194,000	-	1,314,000
22	60T1013	I-10 and Alameda Drive Bicycle and Pedestrian Crossing	-	-	-	-	-	1,268,240	1,268,240
22	60T1014	Install CCTV monitoring stations - LRT Signal Intersections	-	-	-	409,343	-	-	409,343
23	60T1015	University Drive Street Improvement - Priest/Mill	-	-	120,000	1,900,000	-	-	2,020,000
Total Request				3,000,000	120,000	2,429,343	1,194,000	1,268,240	8,011,583

Newly Requested / Unfunded CIP Projects - Transit Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
23	60T1016	Bus Stop Improvements	-	250,000	125,000	125,000	125,000	125,000	750,000

Project No.	6003059	Name: Broadway Road Streetscape and Pedestrian Improvements Mill-Rural				
Department:	Public Works	Project Location: Broadway Road - Mill Avenue and Rural Road				
Est. Start Date:	10/01/08	Est. Completion Date: 12/31/10				
Project Description:						
The Broadway Road Pedestrian and Bicycle Improvement Project is approximately 1 mile between Mill Ave and Rural Road. The project consists of pedestrian and bicycle facility improvements along an arterial street fronted by single family residential units. Work to be performed could include striping for bike lanes, the widening of sidewalks, construction of planted medians, protection from noise, pedestrian safety, reduction of speed limit, provisions for mid-block crossings and providing transit and pedestrian amenities.						
Project Purpose and Need:						
The proposed project area has a high volume of pedestrian and bicycle travel due to its proximity to ASU and downtown Tempe. Area residents are advocating to change the character of the street to reflect the residential uses on this stretch of Broadway Road, which differs significantly with the rest of corridor. The design of the Broadway Road project was a product of extensive community dialogues. The proposed project is identified in the Tempe Comprehensive Transportation Plan as one of the proposed corridors for improvement.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	3,000,000	-	-	-	-	3,000,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	4,000	8,000	8,000	8,000	
Capital Outlay	-	-	-	-	-	
Total	0	4,000	8,000	8,000	8,000	

Project No.	60T1012	Name: Hardy Drive Pedestrian Street Improvement					
Department:	Public Works	Project Location: Hardy Drive - University Drive to Broadway Road					
Est. Start Date:	10/01/11	Est. Completion Date: 12/31/12					
Project Description:							
The Hardy Road Pedestrian and Bicycle Improvement Project is approximately 1 mile in length between Broadway Road and University Drive. The project consists of pedestrian and bicycle facility improvements along a collector street fronted primarily by single family residential units. The proposed project area has a high volume of pedestrian and bicycle travel due to its proximity to ASU, Downtown Tempe, Rio Salado and the high industrial and office employment area south of the project. Area residents are advocating retaining the neighborhood character of the street to reflect the residential uses on this stretch of which differs significantly south of the proposed project area. The project will consist of design and construction aimed at providing pedestrian, bicycle and transit improvements on Hardy Drive.							
Project Purpose and Need:							
The Transportation Element of the Tempe General Plan classified Hardy Drive as a Green Street. Green streets typically are collector streets that already serve as high volume bicycle and pedestrian corridors. Green streets serve as priority routes for bicyclists and pedestrians and function as connectors between off-street multi-use paths. Green streets are particularly important in providing pedestrian and bicycle access to parks, shopping, schools, civic places, and other community destinations. The neighborhood is requesting geometric changes to the street including striping for bike lanes, widening of sidewalks and providing bulb-outs at critical intersections, reduction of existing travel lane widths, construction of planted medians, protection from intrusion of commercial truck traffic, improved pedestrian safety, reduction of speed limits, construction of mid-block crossings and providing transit, bicycle and pedestrian amenities.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	-	120,000	1,194,000	-	1,314,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	6,000	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	6,000	

Project No.	60T1013	Name: I-10 and Alameda Drive Bicycle and Pedestrian Crossing				
Department:	Public Works	Project Location: Alameda Drive at I 10 Freeway				
Est. Start Date:	10/01/13	Est. Completion Date: 12/31/14				
Project Description:						
The I 10 - Alameda Bicycle and Pedestrian Crossing project is located at Alameda Drive and the I 10 Freeway. The project will provide a non-motorized bridge over the I10 Freeway to connect Downtown Tempe /ASU and neighborhoods and to the employment centers and destinations such as Tempe Diablo Stadium and Phoenix located west of the freeway. Work to be performed includes design, acquisition of ramp easements as needed. The project will be constructed with the I-10 Corridor improvements as programmed in the Regional Transportation Plan. Additional funding for completion of the bridge crossing will be requested from the state and federal government.						
Project Purpose and Need:						
The I-10 freeway has been a barrier for east-west bicycle and pedestrian travel between East Valley cities and the South Phoenix area. Over the past few years, the area adjacent to I-10 has experienced tremendous employment and housing growth. The developments in the area west of the project include: the resort Tempe Buttes, Cotton Center, Tempe Diablo Stadium, Motorola and various other offices. Developments east and north of the project include a hotel, a conference center, and an office park. The project will provide east-west bicycle and pedestrian connectivity that will link residential developments with employment destinations and regional recreational facilities. The project will also provide a much-needed link that will shorten the commute for bicyclists heading to the employment areas, as well as downtown Tempe and ASU. The project is identified in the Tempe Transportation Plan.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	-	-	-	-	1,268,240	1,268,240
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	60T1014	Name: Install CCTV monitoring stations - LRT Signal Intersections					
Department:	Public Works	Project Location: Citywide					
Est. Start Date:	07/01/10	Est. Completion Date: 06/30/11					
Project Description:							
This project will install Closed Circuit Television (CCTV) monitoring at traffic signals along the Tempe portion of the light rail corridor.							
Project Purpose and Need:							
The project will be used to monitor and adjust signal timing to improve traffic flow along the light rail corridor.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	-	409,343	-	-	409,343
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	60T1015	Name: University Drive Street Improvement - Priest/Mill					
Department:	Public Works	Project Location: University Drive - Priest Drive to Mill Ave					
Est. Start Date:	10/01/10	Est. Completion Date: 12/31/11					
Project Description:							
The University Drive improvement Project is approximately 1 mile between Mill Ave and Priest Drive. The project consists of designing and constructing pedestrian and bicycle facility improvements along an arterial street. Work could include: acquisition of sidewalk easements as needed; demolition of some existing sidewalk; curb and gutter; construction of new sidewalk; curb ramps, on-street parking areas; installation and relocation of pedestrian scale street lights; and, installation of landscaping and providing transit and pedestrian amenities.							
Project Purpose and Need:							
The goal of the project is to enhance travel options for people of all ages and non-motorized users including: middle school students, elementary school children, seniors, professionals and college students accessing commercial centers, local parks, downtown Tempe, and ASU. The project fulfills the Tempe General Plan 2030 objective of increasing mode share for non-motorized travel.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	120,000	1,900,000	-	-	2,020,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	4,000	8,000	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	4,000	8,000	

Project No.	60T1016	Name: Bus Stop Improvements					
Department:	Public Works	Project Location: Citywide					
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/10					
Project Description:							
Construct and install bus shelters and passenger amenities.							
Project Purpose and Need:							
Provide bus shelters and passenger amenities for bus riders.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		250,000	125,000	125,000	125,000	125,000	750,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Previously Approved / Funded CIP Projects - Rio Salado Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
25	6707029	Elements TCA An Arts Community	3,150,840	12,357,657	200,000	-	5,800,000	-	18,357,657
25	6509179	Rio East Park	-	1,700,000	162,661	-	-	-	1,862,661
26	656931A	Rio Salado Ancillary Projects	756	100,000	100,000	100,000	100,000	100,000	500,000
26	6502739	Town Lake Rubber Dam Replacement	2,000	16,955,000	7,045,000	-	-	-	24,000,000
Total Request				18,755,000	7,307,661	100,000	100,000	100,000	26,362,661

Newly Requested / Unfunded CIP Projects - Rio Salado Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
27	67N1017	Commercial Center Improvement Program	-	200,000	200,000	200,000	-	-	600,000
27	656854A	Habitat De-Watering System	(246,607)	5,052,973	3,371,508	-	-	-	8,424,481
28	6501749	Plaza at Mill Ave Bridges	374,596	-	-	3,010,000	1,290,000	-	4,300,000
28	65N1018	Tempe Beach Park Upgrades	-	775,000	195,000	10,000	10,000	10,000	1,000,000
29	6501739	Town Lake Boat House	57,842	-	6,036,000	4,024,000	-	-	10,060,000
29	65N1019	Town Lake Downstream Dam Repairs-ADWR	-	125,500	614,500	-	-	-	740,000
30	65N1020	Town Lake Operations Center Relocation	-	350,000	-	-	-	-	350,000
30	656860	US Army Corps Match Money	252,061	1,381,500	73,463	-	-	-	1,454,963
31	65N1021	Veteran's Memorial/Ash Avenue Abutment Restoration	-	3,355,000	1,300,000	-	-	-	4,655,000
Total Request				11,239,974	11,790,471	7,244,000	1,300,000	10,000	31,584,444

Project No.	6707029	Name: Elements TCA An Arts Community					
Department:	Community Development	Project Location: NWC Priest Dr & Rio Salado Parkway					
Est. Start Date:	03/01/10	Est. Completion Date: 02/01/13					
Project Description:							
Complete Phase 2 environmental studies on city-owned Rio Salado land between Hardy and Priest Drives.							
Environmental (Brownfield) remediation of up to 37 acres (not including Priest yard) to prepare sites for redevelopment in accordance with potential art related land uses. Included is the development of infrastructure such as roads, curb, gutter, sidewalks, utilities, lighting, and landscaping.							
Project Purpose and Need:							
Remediation and infrastructure required to prepare the site for both phases of the Elements project. Funding includes two Federal grants - the economic stimulus package and EPA Brownfield support.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		12,357,657	200,000	-	5,800,000	-	18,357,657
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	6509179	Name: Rio East Park				
Department:	Community Development	Project Location: S. Bank, E of Rural Rd				
Est. Start Date:	09/01/08	Est. Completion Date: 05/31/09				
Project Description:						
The initiation of a public pier/docks with on-water storage and a pedestrian connection from levee to dock is included with this project.						
Operating impacts are related to park and pier maintenance plus related equipment.						
Project Purpose and Need:						
This project will serve to provide the first of many publically accessible piers and on-water storage of boats. Infrastructure improvements and the docks/pier will be developed in this fiscal year to compliment the linear park and adjacent development of "South Bank", formerly known as "The Pier".						
Public access to the pier and public on-water boat storage will be available for lake users.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	1,565,003	-	-	-	-	1,565,003
Operating Budget Impacts						
Personal Services	118,370	144,283	153,983	164,703	176,335	
Supplies and Services	16,627	18,378	18,745	19,120	19,502	
Capital Outlay	75,100	-	-	-	-	
Total	210,097	162,661	172,728	183,823	195,837	

Project No. 65/6931A Name: Rio Salado Ancillary Projects						
Department: Community Development		Project Location: Rio Salado Ancillary Projects				
Est. Start Date: 06/17/99		Est. Completion Date: 06/30/13				
Project Description: Rio Salado Ancillary Projects will fund the various design, safety requirements, emergency signage and fencing projects, additional hardscape and landscaping, other park enhancements, and annual maintenance of the Splash Playground at Tempe Beach Park, as well as any other unforeseen project that becomes necessary at Tempe Town Lake, Tempe Beach Park, and the linear park system.						
The budget comes from the City's CIP program.						
Project Purpose and Need: Each year a number of unexpected changes or repairs arise as a result of the evolution of Town Lake and its linear parks.						
Projects often include signs, repair emergency warning system, tree replacement from storm damage, holiday lighting, fencing, damage due to vandalism, buoy replacement/repair, etc.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	100,000	100,000	100,000	100,000	100,000	500,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No. 6502739 Name: Town Lake Rubber Dam Replacement						
Department: Community Development		Project Location: E & W ends of Tempe Town Lake				
Est. Start Date: 10/01/09		Est. Completion Date: 06/30/10				
Project Description: New technology for inflatable dams will be selected for the large rubber bladders on the west end. Replacement of the rubber bladders includes the potential to retrofit the pump house and piping within the dam foundation. This project reflects a \$2 million increase over last year due to increased construction costs.						
Project Purpose and Need: The inflatable rubber dams have a 10 year warranty and an anticipated useful life of 10+ years. The warranty expires in 2009 and premature wear has been noted. Ordering, manufacturing, and shipping will take approximately 1 year. Installation should begin in the 2009/10 fiscal year. A dam retrofit and alternatives study on the dams has been recently completed. Part of this funding will come from the payment agreement between the City of Tempe and GDG Partners (C2006-301). Payments are \$65,995.57 per month for 15 years, with a lump sum payment of \$3,563,147.62 on the 180th month.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	16,955,000	7,045,000	-	-	-	24,000,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	67N1017	Name: Commercial Center Improvement Program					
Department:	Community Development	Project Location: Downtown, neighborhoods					
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/12					
Project Description: Community Development Block Grant program funds (\$100,000) will match the general fund monies (\$100,000) and would then be matched by the owner/developer (50%) and awarded on an annual basis to owners/developers of retail centers and downtown buildings in need of improvements such as new facade, landscaping, lighting ad signs.							
Source of Funds: 1. General Fund allocation =\$100,000 per year for three years 2. CDBG Fund allocation = \$100,000 per year for three years							
Project Purpose and Need: The Commercial Center Improvement Program is intended as a matching grant program to assist in the revitalization of neighborhood retail centers and downtown building facades.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		200,000	200,000	200,000	-	-	600,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	656854A	Name: Habitat De-Watering System				
Department:	Community Development	Project Location: East of Tempe Town Lake				
Est. Start Date:	02/01/98	Est. Completion Date: 06/30/10				
Project Description:						
The budget will be used for two project phases: 1) construct a permanent pump station that will divert water around lake and release it west of the western dams, and 2) reimburse WUD for work done to increase the pump out capacity of the pipe system.						
Prior funding consists of funds appropriated by the City Council for temporary pump rental and operation expenses until a permanent pump structure can be constructed.						
Periodic maintenance of the permanent pump station will be in the Rio Salado CFD.						
Project Purpose and Need:						
This project is for pumping nuisance water from upstream of the eastern Town Lake dam, up to 20 MGD.						
High pH levels impact lake operations, maintenance and events. The permanent pump station will eliminate spending an annual \$500k for temporary pump rental and fuel.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	5,052,973	3,371,508	-	-	-	8,424,481
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	6501749	Name: Plaza at Mill Ave Bridges				
Department:	Community Development	Project Location: Town Lake, S Bank, Mill Ave				
Est. Start Date:	12/01/06	Est. Completion Date: 06/30/13				
Project Description:						
The Plaza at Mill Avenue Bridges project will provide a plaza and stair connection between Mill Avenue and Tempe Town Lake in the vicinity of the Mill Avenue Bridges on the south bank. May also include a community building above the grand staircase with transition to Mill Avenue, Tempe Beach Park, and Giuliano Park.						
This project will be 100% funded by RFP respondent Avenue Communities and the Rio Salado Foundation. It will at a minimum include a grand stair case, shade, fountain, restrooms, storage, and a concession area.						
Project Purpose and Need:						
The City Council directed that an RFP be issued for this public improvement. The Development and Disposition Agreement (DDA) with Avenue Communities is not yet complete. Construction would start within approximately 3 years of DDA approval.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	-	-	3,010,000	1,290,000	-	4,300,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	65N1018	Name: Tempe Beach Park Upgrades				
Department:	Community Development	Project Location: NWC Mill Ave & Rio Salado Parkway				
Est. Start Date:	02/01/09	Est. Completion Date: 12/01/99				
Project Description:						
The Tempe Beach Park Upgrades project will cover costs to design and construct enhancements/additional water features at Cox Splash Playground including a new children's playground, 2 fire hydrants at the request of Tempe's Fire Department, replacement of damaged grass with new sod, replacement of worn out site furnishings, and some electrical upgrades to Tempe Beach Park (\$10,000 grant from Kiwanis Club applies).						
Project Purpose and Need:						
The Splash Playground is now 7 years old and is in need of some significant repairs and upgrades.						
The old restroom building is to be modified to serve as an event operation and storage. It is necessary to combine these Tempe Beach Park projects to help achieve cost savings in construction staging and construction management.						
This project's funding also assumes a \$1 per user fee charged at Splash Playground in Tempe Beach Park.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	775,000	195,000	10,000	10,000	10,000	1,000,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No. 6501739 Name: Town Lake Boat House						
Department: Community Development		Project Location: Marina site-Lake & College Ave				
Est. Start Date: 12/01/06		Est. Completion Date: 05/31/12				
Project Description: Funding for the design of the Boat House came in 2006 with the land sale for the Rio West project (\$700,000). \$9.6 million for design, construction, and furnishing costs is to come from the Rio Salado Town Lake Foundation and Chanen Development, dba Arizona Boat House LLC. Revenues generated by users will help offset O&M costs of the Boat House. These revenues will come from boat storage in the						
Project Purpose and Need: The Town Lake Boat House will be the final phase of the Marina Center at Town Lake. It will be a public facility for recreation and the information and operations center for Tempe Town Lake, Park Rangers, and Events. The project includes a 35,000 to 45,000 S.F. building and boat dock facility. Council directed that an RFP be issued for this public improvement. The Development and Disposition Agreement (DDA) identifies that the boat house will be complete by 2012.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	-	6,036,000	4,024,000	-	-	10,060,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No. 65N1019 Name: Town Lake Downstream Dam Repairs-ADWR							
Department: Community Development		Project Location: East of Tempe Town Lake					
Est. Start Date: 07/01/09		Est. Completion Date: 04/30/11					
Project Description: This project will complete required repairs to the Town Lake's downstream dam area as required by ADWR (Arizona Department of Water Resources). One phase is to complete repairs of the rip-rap that is placed for scour control. The other phases include completing some concrete patch work (also an ADWR requirement) and replacing piezometer cables so that groundwater level reading can resume.							
Project Purpose and Need: The need for this project is outlined in the "2006 Annual Report - Tempe Town Lake Dams", dated June 22, 2007. This report, completed by URS, identifies the repairs/work needed to be complete before ADWR performs another inspection of the dams no later than December 2009. Fines and penalties will result if this work is not completed before the inspection, plus the dam facilities will be listed as an unsafe condition by ADWR.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		125,500	614,500	-	-	-	740,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	65N1020	Name: Town Lake Operations Center Relocation					
Department:	Community Development		Project Location: West side of Marina, North side of TTL				
Est. Start Date:	09/01/09		Est. Completion Date: 12/31/09				
Project Description: Placement of 64' x 48' modular building at Tempe Town Lake Marina. Includes utility connections, fencing, set up for phones and computers, and adding an electricity transformer. The modular bldg. will house Rio Salado Operations (7 FTE), Parks & Rec.- Lake Recreation (3 FTE), and Police-Park Rangers (11 FTE) and Sergeant. The location in day trailer parking lot will result in temporary loss of parking. This is intended to provide space for Town Lake support staff until Boat House is complete. The existing trailer at Mill Ave & Washington should be salvaged to help with the project funding.							
Project Purpose and Need: ADOT has notified the City that the permit for the Rio Salado Operations Center/trailer is in default for an expired permit for the trailer. As a result ADOT has stated that the city's site lease will not be renewed. The trailer must be removed as soon as possible to allow for continued negotiation with ADOT for lease of the current site for parking and rowing programs boat storage. Alternatives to this were evaluated. This new site proposal provides best space for continuity of lake operations.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		350,000	-	-	-	-	350,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	656860	Name: US Army Corps Match Money					
Department:	Community Development	Project Location: River bed, IBW, E&W dams					
Est. Start Date:	07/01/94	Est. Completion Date: 05/31/11					
Project Description: Project design costs are 50% funded by USACOE. Project construction costs are 65% funded by USACOE. Project recreational component capital costs (signs, recreational amenities) are 50% funded by USACOE. Project monitoring and O&M is 100% City of Tempe cost. O&M costs will be required in the Rio Salado Maintenance cost center (4415).							
Project Purpose and Need: Required balance of City of Tempe match and operating funds for the US Army Corps of Engineers (USACOE) Habitat Restoration Project, Rio Salado Tempe Reach, Project funding requirements include required studies, project design, construction, monitoring programs, and maintenance. See C95-204 (Feasibility, cost sharing agreement with USACOE), C95-205 (IGA between Tempe & Phoenix) and C2003-11 (project cooperation agreement with USACOE). This final section of the project is along the Salt River north bank from IBW to McClintok Drive. It should follow the completion of ADOT's 202 freeway widening project.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		1,381,500	73,463	-	-	-	1,454,963
Operating Budget Impacts							
Personal Services		-	55,085	58,834	62,979	67,481	
Supplies and Services		-	18,378	18,746	19,120	19,503	
Capital Outlay		-	-	-	-	-	
Total		0	73,463	77,579	82,099	86,984	

Project No.	65N1021	Name: Veteran's Memorial/Ash Avenue Abutment Restoration					
Department:	Community Development	Project Location: W of NWC Mill Ave & Rio Salado Pkwy					
Est. Start Date:	12/01/09	Est. Completion Date: 11/30/11					
Project Description:							
This project will cover costs to design and construct a Veteran's Memorial to be located in Tempe Beach Park, and the Ash Avenue Abutment upgrade. This includes an enclosure to create a visitor's center for Tempe Beach Park.							
It is necessary to combine these two Tempe Beach Park projects to help achieve cost savings in construction staging and construction management.							
Project Purpose and Need:							
Restoration of the Abutment & visitors center and construction of the memorial are proposed in the first year and second year will construct the Ash Avenue approach. November 11, 2010 (Veteran's Day) is planned to dedicate the memorial.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		3,355,000	1,300,000	-	-	-	4,655,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Previously Approved / Funded CIP Projects - Police Protection Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
33	5501989	Police / City Radio System Replacement	118,264	2,985,800	950,000	950,000	1,023,174	1,023,174	6,932,148
33	556680	TIPS (Technology Integrated Police Systems)	10,650	291,000	467,000	332,000	292,000	292,000	1,674,000
Total Request				3,276,800	1,417,000	1,282,000	1,315,174	1,315,174	8,606,148

Newly Requested / Unfunded CIP Projects - Police Protection Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
34	5509189	Laptop Replacement	-	-	-	-	-	2,721,201	2,721,201

Project No.	5501989	Name: Police / City Radio System Replacement				
Department:	Police	Project Location: 120 East Fifth Street, Tempe				
Est. Start Date:	07/01/09	Est. Completion Date: Ongoing				
Project Description:						
The Police/City Radio System was replaced in October, 2008. The system replaced the City's analog radio system, which was implemented in 1988, with an interoperable 700Mhz digital system. This ongoing project replaced outdated radio equipment for the Police Department and other City radio users, allowing Tempe to participate in the establishment of long term public safety interoperability in the Phoenix metro area. Currently, the two largest cities in the Phoenix metro area, Phoenix and Mesa, have partnered with Tempe to share an 800 Mhz digital trunk system that allows day-to-day, real time communications over a single radio system. The ongoing costs for this project are to continue development of the infrastructure for the Regional Wireless Cooperative (RWC).						
Project Purpose and Need:						
Representatives from the Tempe Police and Information Technology Departments worked closely with the cities of Phoenix and Mesa to develop long-term interoperability plans. This project allowed Tempe to become a partner in the shared system. The system dramatically increases the communications capabilities within Tempe and throughout the Valley. Additionally, the system allows other City radio users (Water, Public Works, ITD, etc.) to use the new radio system and interoperate with public safety users. Requested funding will cover those costs associated with a revolving fund to pay for ongoing operating and maintenance, as well as infrastructure improvements. This payment method is being established as part of the RWC governance process. Tempe City Council approved the intergovernmental agreement for Tempe to join the RWC on October 16, 2008.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	2,985,800	950,000	950,000	1,023,174	1,023,174	6,932,148
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	556680	Name: TIPS (Technology Integrated Police Systems)					
Department:	Police	Project Location: 120 East Fifth Street, Tempe					
Est. Start Date:	07/01/09	Est. Completion Date: Ongoing					
Project Description:							
The Technologically Integrated Police Systems (TIPS) CIP project provides the necessary resources to incorporate new technology in the Police Department, as well as resources to upgrade and interface existing automated systems. Planned projects include the continued development of the wireless infrastructure to accommodate additional small factor wireless devices such as Smartphone's and handheld citation units, two factor authentication for wireless devices to meet future DPS-FBI security mandates, new hardware for increased data exchange and storage needs such as an upgrade to the PDWeb Server (TAG) and a new SQL Reports server, an upgrade to our Digital Darkroom (photo evidence) system, and an upgrade to our QueTel Property System to facilitate the efficient disposition of property.							
Project Purpose and Need:							
Funding for this CIP provides resources for unanticipated technology costs that can be significant (e.g., failed servers, unanticipated connectivity needs, etc.). Recurring costs associated with this CIP include monthly costs associated with the wireless phone cards and software maintenance costs for new software. The software associated with this technology is not maintained by the Information Technology Department.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		291,000	467,000	332,000	292,000	292,000	1,674,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		181,500	181,500	181,500	181,500	181,500	
Capital Outlay		-	-	-	-	-	
Total		181,500	181,500	181,500	181,500	181,500	

Project No.	5509189	Name: Laptop Replacement					
Department:	Police	Project Location: 120 East Fifth Street, Tempe					
Est. Start Date:	07/01/13	Est. Completion Date: 06/30/14					
Project Description:							
This project will provide for the replacement of laptop computers that have reached the end of their life expectancy. These laptops are used by Patrol Officers and other field personnel. Laptops have been integrated in the field for over 15 years and are required for Officers to interface with our Dispatch Center, share communications with other Officers, maintain and access valuable data resources, and prepare police reports and administrative documents. With the procurement of a new Integrated Public Safety System, it is anticipated that reliance upon laptops will increase as technology allows Officers to work in the field much as they would work in the Police Station itself. Sophisticated technology allows Police Department personnel to access departmental reports from their laptop, utilize ad hoc research functions and record investigative information on scene.							
Project Purpose and Need:							
The life expectancy of the laptops is five years, so new laptops will need to be purchased in FY 2013-14. The laptops used by Patrol Officers and other field personnel are 'ruggedized', which means they have been built specifically for field use. These laptops are designed to handle the vibration while mounted in the vehicle as well as the bumps and drops that occur when being used in the field.							
Since the infrastructure within the vehicles that accompanies the laptops changes as the laptop technology changes, all units need to be replaced at the same time rather than replaced partially over time. As a result, funds need to be provided in a single fiscal year.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	-	-	-	2,721,201	2,721,201
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		44,000	44,000	44,000	44,000	44,000	
Capital Outlay		-	-	-	-	-	
Total		44,000	44,000	44,000	44,000	44,000	

Previously Approved / Funded CIP Projects - Fire Protection Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
36	56N1022	Fire Station #2	-	608,328	456,246	7,170,671	-	-	8,235,245
37	5604009	New Support Services Facility	-	7,685,639	-	-	-	-	7,685,639
38	566947	Radio Replacement for Conversion to 800MHz	743,584	171,896	-	-	-	-	171,896
38	5609279	Replace Burn Room at Fire Training Center	-	-	-	500,000	-	-	500,000
Total Request				8,465,863	456,246	7,670,671	-	-	16,592,780

Newly Requested / Unfunded CIP Projects - Fire Protection Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
39	56N1023	Fire Apparatus Replacement	-	530,000	550,000	570,000	590,000	610,000	2,850,000
39	56N1024	Fire Laptop Replacement	-	28,000	30,000	30,000	-	-	88,000
40	56N1025	New Emergency Operations Center Facility	-	-	-	-	217,560	3,230,277	3,447,837
Total Request				558,000	580,000	600,000	807,560	3,840,277	6,385,837

Project No.	56N1022	Name: Fire Station #2					
Department:	Fire	Project Location: 3025 S. Hardy Dr					
Est. Start Date:	07/01/10	Est. Completion Date: 06/30/12					
Project Description:							
This project is for building a new four bay fire station on the property of the existing Fire Station 2 and Support Services on south Hardy.							
Project Purpose and Need:							
Over the years, efforts have been made to make improvements to Fire Station 2, but all of those efforts are working against some inherent structural shortcomings with the structure. Also, as the Department's Special Operations Section has required a more expanded role since 9-11, we have outgrown that facility.							
Some of the problems with the building include:							
<ul style="list-style-type: none">• An apparatus room where the ceiling is so low that there is barely any room to get our trucks in and out without hitting the overhead doors.• A flat roof on which the water ponds rather than drains when it rains. This situation cannot be rectified without taking the entire top of the building off and re-engineering a new roof structure, which would also require re-engineering the HVAC system.• Roof leaks that have been addressed numerous times and yet continue to leak and cause mold problems in the building. We just recently went through another round of mold remediation in two of the bedrooms and the bathroom.• An exercise room that is approximately half the size it should be, but due to its location within the central core of the building cannot be expanded.• There are only two truck bays with no ability to expand. We currently are parking four vehicles in those two bays which takes up all the space available. We will soon have a fifth vehicle which needs to be accommodated in the station but there's no place for it. Also with four trucks housed there, it requires backing the trucks in off of Hardy, which is contradictory to Department policy.							
This request is predicated upon building the new Support Services facility identified in our CIP budget submittal. We will need to build that facility first and then once the old Support Services Facility is vacated we can tear it and Fire Station 2 down and build a new Fire Station 2 on the property.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		608,328	456,246	7,170,671	-	-	8,235,245
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	6,960	6,960	6,960	
Capital Outlay		-	-	-	-	-	
Total		0	0	6,960	6,960	6,960	

Project No.	5604009	Name: New Support Services Facility					
Department:	Fire	Project Location: Undetermined					
Est. Start Date:	07/01/08	Est. Completion Date: 06/30/10					
Project Description:							
This project will construct a new Support Services Facility for the Fire Department. The existing facility is inadequate in terms of size and capabilities.							
The Fire Department's Support Services Facility is comprised of the maintenance area and the warehouse area. The facility was built in 1988 and received some renovations and expansion in 2001, but even with those modifications it is inadequate in terms of size and capabilities.							
Project Purpose and Need:							
Several aspects of the maintenance area are inadequate for our current operation. The parts storage area holds only a portion of the normal inventory. Based on the design, the roof on this building has substantial problems and is in need of major repairs. Ceiling height restricts our ability to lift apparatus or tilt cabs for maintenance and repair. The under vehicle maintenance pit is significantly undersized in terms of both depth and length which for all practical purposes makes it unusable. The welding area is so full that fabrication metal must be moved out in order to make enough space to do work.							
Another need, which must be incorporated into the facility, is space to house our primary reserve apparatus (a pumper truck and a ladder truck). These vehicles need to be kept in a fully ready state, including all equipment that requires providing a secure location. Currently we have no such location and a new Support Services Facility is the logical place to include those accommodations.							
Although 1,000 square feet was added to the warehouse in 2001, it has been too small from the day the addition was completed. Coupled with that is a new approach to stockpiling a variety of supplies related to dealing with terrorist incidents and large scale medical events. The warehouse is currently just shy of 2,000 square feet total and should ideally be in the neighborhood of 5,000 square feet. Also the area used for SCBA maintenance does not come close to meeting today's needs. SCBA parts storage, work space test space, and cleaning area are all undersized and lacking in their ability to support maintenance of these highly critical pieces of safety equipment.							
Land will need to be purchased for this project. The current location is too small for expansion and is also slated for a new Fire Station 2 which will occupy the space of both the current Fire Station 2 and the current Support Services Facility.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		7,685,639	-	-	-	-	7,685,639
Operating Budget Impacts							
Personal Services		40,783	43,328	45,992	48,923	52,077	
Supplies and Services		38,660	39,410	40,160	40,910	41,660	
Capital Outlay		25,000	-	-	-	-	
Total		104,443	82,738	86,152	89,833	93,737	

Project No.		566947		Name: Radio Replacement for Conversion to 800MHz			
Department:		Fire		Project Location: Various			
Est. Start Date:		07/01/08		Est. Completion Date: 06/30/09			
Project Description:							
This request is for additional funding for the federally mandated radio conversion to 800 Mhz.							
Project Purpose and Need:							
Due to radio cost increases and needed repeaters, the previously approved amount is now short by \$171,896.							
Approval of this request will allow us to continue with the federally mandated conversion and remain on track in our partnership with the other Valley Cities in the Automatic Aide System							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		171,896	-	-	-	-	171,896
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	5609279	Name: Replace Burn Room at Fire Training Center					
Department:	Fire	Project Location: 1340 E. University					
Est. Start Date:	07/01/11	Est. Completion Date: 06/30/12					
Project Description:							
This project will renovate and modernize the existing fire training burn room at the Fire Training Center, which was built in 1993.							
Project Purpose and Need:							
The Fire Training Center and accompanying burn room was built in 1993. The extensive use of this facility and the significant benefits derived for our members have exceeded expectations.							
Because the building sustains damage with each live fire training, it limits the life of the building.							
The substantial use of the burn room for training necessitated the installation of fire resistant tiles in 2003. This installation was done as a temporary measure to extend the useful life of the building.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	-	500,000	-	-	500,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	56N1023	Name: Fire Apparatus Replacement				
Department:	Fire	Project Location: Various				
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/14				
Project Description:						
This request is funding for scheduled fire apparatus replacement.						
Project Purpose and Need:						
This project addresses public and firefighter safety in its request for CIP funds to replace fire apparatus. Front line apparatus is evaluated for replacement after 10 years of service or when mileage exceeds 120,000. With rising apparatus costs and the economic downturn, the City has been unable to fund scheduled fire apparatus replacement which compromises our service delivery. As a truck ages it becomes prone to repair and when a truck is placed out-of-service (for repairs and maintenance), the Department transitions personnel and equipment to a reserve vehicle which translates to less efficient service response. This delayed response time is a serious concern, as firefighters are the first responders to citizens with emergency health problems, fires and various other service calls. Fire apparatus are vital to the delivery of quality customer service to the citizens in Tempe.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	530,000	550,000	570,000	590,000	610,000	2,850,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	56N1024	Name: Fire Laptop Replacement					
Department:	Fire	Project Location: Various					
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/12					
Project Description:							
This project will provide for the replacement of ruggedized laptop computer used by Fire personal in the field for electronic patient care.							
Project Purpose and Need:							
In 2007, the Fire Department transitioned from a paper-based patient record system to an electronic patient care system. Fire paramedics gather information while en route to the hospital, which is used to treat patients once they arrive in the emergency room. Traditionally, this data was collected on paper forms creating delays in treating patients. With EMS calls increasing 37%, in the past ten years, the paper-based system became inadequate in collecting and organizing the volume of information given by patients.							
This system provides accurate wireless data transfer to the emergency room while en route to the hospital.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		28,000	30,000	30,000	-	-	88,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	56N1025	Name: New Emergency Operations Center Facility				
Department:	Fire	Project Location: Undetermined				
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/10				
Project Description:						
This project will construct a new Emergency Operations Center for the City of Tempe Fire Department.						
Project Purpose and Need:						
The Fire Department is charged with the responsibility of overseeing the City's emergency management effort. The current EOC was built in 1998 and is located in the Fire Administration building. Since 9-11, expected requirements for Emergency Operation Centers have changed significantly. The present EOC lacks the security and functional capacity for today's post 9-11 society.						
In the current EOC, security is compromised due to the public access of the building. The configuration of the EOC limits information technology functionality. Currently, coax cabling runs from both the ceiling and floor; the new building will have a false floor (for cable) and wireless capability. Further, this room is inadequate for enhanced technology such as video streaming. Finally, space utilization is at its maximum which hampers current operations and restricts any expansion.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	-	-	-	217,560	3,230,277	3,447,837
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-			76,810	76,810	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	76,810	76,810	

Previously Approved / Funded CIP Projects - Storm Drains Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
42	5899971	Storm Drain Improvements	316,591	275,000	275,000	300,000	300,000	350,000	1,500,000

Newly Requested / Unfunded CIP Projects - Storm Drains Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
42	58N1026	Catch Basin Access Retrofit	-	50,000	50,000	50,000	50,000	50,000	250,000
43	58N1027	Park Storm Drain and Grading Modifications	-	825,000	825,000	900,000	900,000	900,000	4,350,000
		Total Request		875,000	875,000	950,000	950,000	950,000	4,600,000

Project No.	5899971	Name: Storm Drain Improvements				
Department:	Public Works	Project Location: Various				
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing				
Project Description:						
This project provides for the construction of minor storm drain extensions.						
Project Purpose and Need:						
The purpose is to relieve localized problems for replacement and/or upgrades associated with various storm water retention facilities.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	275,000	275,000	300,000	300,000	350,000	1,500,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	58N1026	Name: Catch Basin Access Retrofit				
Department:	Public Works	Project Location: Various Locations				
Est. Start Date:	07/01/09	Est. Completion Date: Ongoing				
Project Description:						
The majority of the catch basins around the City are constructed with a 24-inch square metal inspection plates. The plates are extremely difficult to remove and require welding to re-attach to the frame which increases the cost to clean and inspect catch basins. Due to the limited frame area to weld the inspection plates to, they may not stay properly secured creating a potential trip/fall hazard in sidewalks. Funding would allow retrofit metal inspection plate(s) with round concrete cover(s) which will facilitate maintenance throughout the storm water system, remove hazard, and lessen inspection time in ARCA area, a requirement of the Storm water Management Plan. Estimated cost per basin is approximately \$600.00. A system wide retrofit, would include approximately 1000 catch basins.						
Project Purpose and Need:						
The purpose of this project is to replace the square access covers to catch basins located under City sidewalks with more standard and secure round manhole covers mitigating a potential public hazard. This will also reduce costs and facilitate access for cleaning crews that need to maintain the storm system.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	50,000	50,000	50,000	50,000	50,000	250,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	58N1027	Name: Park Storm Drain and Grading Modifications				
Department:	Public Works	Project Location: Various				
Est. Start Date:	07/01/09	Est. Completion Date: Ongoing				
Project Description:						
This project includes modifications to existing storm facilities located at various parks and regrading of parks for retention around the City. Improvements will include modifying and replacement of storm drains, drywells, head walls and interceptor boxes.						
Project Purpose and Need:						
Certain parks may need to be regraded to accommodate regional retention needs to mitigate neighborhood flooding during storm events. The order of the regrading will be based upon the Parks and Recreation's "Park and Restoration Program" renovation prioritization schedule. The first six parks (in order) scheduled for improvements are: Hudson, Hallman, Daley, Scudder, Goodwin, and Clark. As a particular park becomes the next focus of improvements, it will be evaluated on the need for regrading.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	825,000	825,000	900,000	900,000	900,000	4,350,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Previously Approved / Funded CIP Projects - Park Improvements/Recreation Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
45	6303089	Athletic Field Lighting Improvements	417,247	352,500	402,500	402,500	455,000	455,000	2,067,500
45	6399729A	Clark Park Swimming Pool Renovation	-	300,000	500,000	8,765,000	-	-	9,565,000
46	6303099	Kiwanis Park Sprinkler System Replacement	1,534,700	1,534,000	-	-	-	-	1,534,000
46	6399829	Neighborhood Park Improvements	16,786	375,000	375,000	400,000	400,000	450,000	2,000,000
47	6399839	Park Landscaping Improvements	7,394	162,000	175,000	190,000	205,000	221,000	953,000
47	6399729	Park Renovation and Restoration (3 Parks / Year)	7,286,835	6,036,375	4,059,250	-	7,077,000	7,905,000	25,077,625
48	636938	Sports Facility Relamping	25,251	60,000	60,000	60,000	60,000	60,000	300,000
48	6302799	Street Landscaping	11,199	125,000	150,000	150,000	175,000	175,000	775,000
Total Request				8,944,875	5,721,750	9,967,500	8,372,000	9,266,000	42,272,125

Newly Requested / Unfunded Projects - Park Improvements/Recreation Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
49	63N1028	Bike, Blade & Skate Park Development	-	-	115,000	955,000	-	-	1,070,000
49	63N1029	Development of ADOT Property	-	-	-	-	-	750,000	750,000
50	63N1030	Kiwanis Park Lake Edge Renovation	-	100,000	716,000	711,000	-	-	1,527,000
50	63N1031	Rio Salado Athletic Field Development	-	-	1,500,000	14,125,000	8,370,000	-	23,995,000
51	63906320	Tempe Sports Complex Phase III	-	-	2,000,000	-	-	-	2,000,000
Total Request				100,000	4,331,000	15,791,000	8,370,000	750,000	29,342,000

Project No.	6303089	Name: Athletic Field Lighting Improvements				
Department:	Park and Recreation	Project Location: Various Athletic Field Locations				
Est. Start Date:	07/01/08	Est. Completion Date: 06/30/14				
Project Description:						
This project upgrades the lighting levels at all deficient baseball, softball and multi-purpose athletic fields so that they are in compliance with Illuminating Engineering Society (I.E.S.) recommendations.						
Project Purpose and Need:						
A study of the City's athletic field lighting levels in 2000 - 01 showed that the majority of our fields did not meet IES recommendations. In addition, the light poles at many of these older fields have deteriorated with time and exposure. In the last three years three sports light poles have failed, and fallen or had to be taken down.						
Due to the bond election & funding concerns, design & testing only will occur in 2008-09 and remaining 2008-09 funding will be needed for construction in 2009-10.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	352,500	402,500	402,500	455,000	455,000	2,067,500
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.		6399729A		Name: Clark Park Swimming Pool Renovation			
Department:		Park and Recreation		Project Location: 1780 S. Roosevelt St.			
Est. Start Date:		01/01/10		Est. Completion Date: 03/31/12			
Project Description:							
This project will renovate the existing 34 year old swimming pool, and replace the existing aged recreation center with a new building connected to the pool.							
(The operational impacts being shown in this request are based on the closure of the McClintock swimming pool, and transferring the operational funding from that facility to this renovated facility. If McClintock is not closed then the operational impacts will significantly increase for this project.)							
Project Purpose and Need:							
Clark swimming pool is 33 years old and the entire structure is at the end of its useful cycle. Major reconstruction and renovation must be performed to restore this facility so it can be used by the citizens again. Attendance at this facility has suffered the past several years, primarily due to a lack of amenities and special user groups would rather attend a pool with more play and recreational options.							
During the years Clark pool has been open, municipal swimming pool design and construction has changed dramatically. Gone are the days where a square box with racing lanes and a diving board make for a successful, well attended swimming pool. Modern facilities boast water slides, water play structures, shaded areas, variable depth water levels, concessions and water toys.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		300,000	500,000	8,765,000	-	-	9,565,000
Operating Budget Impacts							
Personal Services		-	-	26,292	73,024	76,940	
Supplies and Services		-	-	23,150	45,500	45,500	
Capital Outlay		-	-	-	-	-	
Total		0	0	49,442	118,524	122,440	

Project No.	6303099	Name: Kiwanis Park Sprinkler System Replacement				
Department:	Park and Recreation	Project Location: Kiwanis Park				
Est. Start Date:	01/02/08	Est. Completion Date: 04/30/10				
Project Description:						
Replacement of the more than thirty (30) year old sprinkler system in Kiwanis Park.						
Project Purpose and Need:						
This project will include the installation of new 6" water mains, valves, lateral lines & heads and controllers. In addition, it would include dedicated irrigation to park trees and drip irrigation to trees & shrubs which is not present with the existing system. This project will also include the addition of more trees & shrubs, elimination of some turf areas and establishment of xeriscaping in those areas.						
Construction was scheduled to be done in two phases over a two year period. However, due to the bond election & funding concerns, design only will occur in 2008-09 and remaining 2008-09 funding will be needed for construction to be done in a single phase in 2009-10.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	1,534,000	-	-	-	-	1,534,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	6399829	Name: Neighborhood Park Improvements				
Department:	Park and Recreation	Project Location: Entire City				
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing				
Project Description:						
This ongoing project provides for the replacement of playground equipment, picnic equipment, fencing, signage, concrete, sand, rubber playground surfacing, electrical/lighting, etc in the various neighborhood parks.						
Project Purpose and Need:						
Provides for minor annual capital improvements in the City's parks & sports facilities. With an aging park system, Consumer Products Safety Commission (CPSC) guidelines on playground safety and Americans with Disabilities Act (ADA) accessibility guidelines, replacement and accessibility of play equipment, play areas and other park amenities is an important aspect of continued funding. Without funding needed improvements and replacements will not be done. This will eventually affect the appearance, appeal, safety, liability and risk of our parks & athletic facilities.						
Due to the bond election & funding concerns, spending in this account was limited for the last 6 months.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	375,000	375,000	400,000	400,000	450,000	2,000,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	6399839	Name: Park Landscaping Improvements				
Department:	Park and Recreation	Project Location: Entire City				
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing				
Project Description:						
This ongoing project for Park Maintenance provides for the repair and replacement of landscaping in various neighborhood park and the Mill Avenue District.						
Project Purpose and Need:						
Funds are used to acquire trees, shrubs, seed/sod and other planting materials to replace trees & shrubs or repair turf areas at City parks, athletic fields & building sites and in the Mill Avenue District on an annual basis.						
Due to the bond election & funding concerns, spending in this account was limited for the last 6 months.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	162,000	175,000	190,000	205,000	221,000	953,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	6399729	Name: Park Renovation and Restoration (3 Parks/Year)					
Department:	Park and Recreation	Project Location: Entire City					
Est. Start Date:	07/01/07	Est. Completion Date: 06/30/21					
Project Description:							
This project will fund the renovation of three (3) neighborhood parks per year, and other park renovation projects.							
This project has been reduced by \$9,565,000 to fund the renovation of the Clark Park Swimming Pool as follows: \$300,000 (2009-10); \$2,390,625 (2010-11); \$6,874,375 (2011-12). (Any changes in the Clark Project request should also be reflected in this request.)							
Facility Maintenance has requested that a Facility Electrician position be requested again this year as an operational impact for this project.							
Project Purpose and Need:							
This project is a combination of multiple Parks & Recreation facility renovation projects.							
<ul style="list-style-type: none">- Renovation of three (3) neighborhood parks per year;- Renovation and upgrades to various park restrooms;- Restoration of the Escante Swimming Pool amenities;- Replacement of the Kiwanis Park Batting Range netting.							
Due to the bond election & funding concerns, primarily construction design will occur in 2008-09 and the remaining 2008-09 funding will be needed for construction in 2009-10.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		6,036,375	4,059,250	-	7,077,000	7,905,000	25,077,625
Operating Budget Impacts							
Personal Services		68,794	73,216	77,925	83,048	88,587	
Supplies and Services		7,390	2,415	2,415	2,415	2,415	
Capital Outlay		42,908	4,677	4,677	4,677	4,677	
Total		119,092	80,308	85,017	90,140	95,679	

Project No.	636938	Name:	Sports Facility Relamping			
Department:	Park and Recreation	Project Location:	Entire City			
Est. Start Date:	Ongoing	Est. Completion Date:	Ongoing			
Project Description:						
This project provides for the continued funding of a maintenance program for our sports facilities' lighting needs.						
Project Purpose and Need:						
This project established a plan for a regular cycle of relamping and cleaning of light fixtures at all softball/baseball fields, soccer fields, tennis/racquetball courts and park basketball/volleyball courts. Without this project the light levels at these sports facilities will decline, and expose the City to unnecessary risk.						
Due to the bond election & funding concerns, spending in this account was limited for the last 6 months.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	60,000	60,000	60,000	60,000	60,000	300,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	6302799	Name:	Street Landscaping			
Department:	Park and Recreation	Project Location:	Entire City			
Est. Start Date:	Ongoing	Est. Completion Date:	Ongoing			
Project Description:						
This ongoing project provides funding for improvements & replacement of trees, irrigation, finishes and other landscaping in various street right-of-ways and public properties.						
Project Purpose and Need:						
Funds are used to acquire trees, shrubs & other planting materials; irrigation parts & materials; concrete, decomposed granite & other finish materials; etc. Without funding needed improvements and replacements will not be done. This will eventually affect the appearance, appeal, safety, liability and risk of our medians and right of ways.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	125,000	150,000	150,000	175,000	175,000	775,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	63N1028	Name: Bike, Blade & Skate Park Development				
Department:	Park and Recreation	Project Location: Undetermined Tempe Park				
Est. Start Date:	07/01/10	Est. Completion Date: 06/30/12				
Project Description:						
This project provides funding for design and construction of a 20,000 - 25,000 s.f. facility which can be used by both bikes, blades and skates.						
Project Purpose and Need:						
An above ground project is envisioned, using ramps and events constructed out of steel with high density plastics. This type of system can be replaced/repared when damaged unlike a concrete park. The demand for facilities usable by both skaters and bmx bikers continues to grow. The facility at the Tempe Sports Complex is not usable by bmx bikes, and this project would provide a facility of significant size usable by both.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	-	115,000	955,000	-	-	1,070,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	10,000	30,000	30,000	
Capital Outlay	-	-	-	-	-	
Total	0	0	10,000	30,000	30,000	

Project No.	63N1029	Name: Development of ADOT Property				
Department:	Park and Recreation	Project Location: I - 10 & Warner Road				
Est. Start Date:	07/01/13	Est. Completion Date: 06/30/14				
Project Description:						
This project provides initial funding for design and engineering for development of the ADOT property located in south Tempe east of I-10 and south of Warner Road.						
Project Purpose and Need:						
This property has been available to the City for recreational development for a number of years, and was identified in the Parks & Recreation Master Planning process as a need and recommendation.						
Operational impacts will occur and may be comparable to those realized at the Tempe Sports Complex. However, they are not included as the site presents unique challenges (depth), and planning of the site use will have to occur to actually identify these impacts. Plus they will not be part of this five year plan.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	-	-	-	-	750,000	750,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	63N1030	Name: Kiwanis Park Lake Edge Renovation					
Department:	Park and Recreation	Project Location: Kiwanis Park					
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/12					
Project Description:							
Renovation of the more than thirty (30) year old concrete lake edge, walkways and fishing piers in Kiwanis Park.							
Project Purpose and Need:							
The concrete lake edge and walkway have deteriorated with time and use. There is extensive cracking and deterioration of the concrete around the lake. Construction will be done in two phases over a two year period to minimize the impact of lowering the lake's water level. This project will also include either the demolition or repair of the west boat dock.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		100,000	716,000	711,000	-	-	1,527,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	63N1031	Name: Rio Salado Athletic Field Development				
Department:	Park and Recreation	Project Location: Rio Salado				
Est. Start Date:	07/01/10	Est. Completion Date: 10/31/12				
Project Description:						
This project provides funding for the City to develop the site west of Priest along the south side of the Salt River which was previously scheduled for development by the Kentucky Basketball Association.						
Project Purpose and Need:						
This project provides for City development of the site as an alternative to private development of the site. Development would include approximately 15 fields for soccer & other field sports, lighting, parking, maintenance facilities, and restrooms.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	-	1,500,000	14,125,000	8,370,000	-	23,995,000
Operating Budget Impacts						
Personal Services	-	-	-	478,679	510,913	
Supplies and Services	-	-	-	460,900	505,500	
Capital Outlay	-	-	-	377,150	-	
Total	0	0	0	1,316,729	1,016,413	

Project No.	63906320	Name: Tempe Sports Complex Phase III				
Department:	Park and Recreation	Project Location: 8401 S. Hardy Drive				
Est. Start Date:	07/01/10	Est. Completion Date: 06/30/11				
Project Description: This project completes development of the Tempe Sports Complex on the property's west side with picnic ramadas, volleyball & basketball courts and a playground.						
Project Purpose and Need: The project also adds the planned concession building to the north (soccer/baseball) restroom building. All were part of the Tempe Sports Complex Master Plan. Each was part of the phase II bid, but could not be built due to the lack of funding, and bid pricing. Due to the bond election & funding concerns, spending for the scheduled shade structures was delayed until after the election. (Operational expenses were added as part of Phase II)						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	-	2,000,000	-	-	-	2,000,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Previously Approved / Funded CIP Projects - General Governmental Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
		Community Relations							
54	676556	Maryanne Corder Neighborhood Improvement Program	-	250,000	250,000	250,000	250,000	250,000	1,250,000
		Community Services							
54	6702490	Tempe Public Library Renovation	3,093,459	3,536,333	115,000	-	-	-	3,651,333
NA		Municipal Arts Program TBD		-	-	-	-	-	
		Community Services Subtotal		3,536,333	115,000	-	-	-	3,651,333
		Development Services							
55	6709229	Closeout of Building Plan Archive	110,000	40,000	-	-	-	-	40,000
55	6709219	Technology Modernization	225,000	75,000	-	-	-	-	75,000
		Development Services Subtotal		115,000	-	-	-	-	115,000
		Information Technology							
56	6709239	Enterprise Network File Storage and Archival	-	348,000	241,000	638,000	166,000	-	1,393,000
		Public Works							
56	6799779	City Facilities Rehabilitation	133,623	510,000	510,000	510,000	510,000	510,000	2,550,000
57	676809	Energy Conservation Program	-	32,000	32,000	32,000	32,000	32,000	160,000
57	6706031	Facilities Maintenance Management Plan	-	100,000	-	-	-	-	100,000
58	676809	Historic Properties Preservation	-	100,000	100,000	100,000	100,000	100,000	500,000
58	676873	HVAC Equipment Replacement	-	67,000	67,000	67,000	67,000	67,000	335,000
59	6709260	Microbial Remediation (Mold, Asbestos Removal)	-	30,000	30,000	30,000	30,000	30,000	150,000
59	6702519	Roof Maintenance Program	-	62,000	62,000	62,000	62,000	62,000	310,000
		Public Works Subtotal		901,000	801,000	801,000	801,000	801,000	4,105,000
		Water Utilities							
60	6704040	General Purpose Irrigation Improvements	-	275,000	275,000	275,000	275,000	275,000	1,375,000
		Total Request		5,425,333	1,682,000	1,964,000	1,492,000	1,326,000	11,889,333

Newly Requested / Unfunded CIP Projects - General Governmental Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
		Community Services							
60	67N1032	Edna Vihel Center for the Arts Renovation Project	-	2,216,385	2,577,721	2,213,956	-	-	7,008,062
		Public Works							
61	67N1033	Capital Improvement Project Management	-	350,000	-	-	-	-	350,000
61	6702971	City Hall/Municipal Complex Rehabilitation	450,000	3,000,000	-	-	-	-	3,000,000
62	67N1034	Downtown Infrastructure Improvements	-	400,000	400,000	400,000	400,000	400,000	2,000,000
62	6706030	Electrical ARC Flash Compliance Analysis	-	175,000	-	-	-	-	175,000
63	67N1035	Project Record System for Administration and Compliance	-	150,000	-	-	-	-	150,000
		Total Request		6,291,385	2,977,721	2,613,956	400,000	400,000	12,683,062

Project No.	676556	Name: Maryanne Corder Neighborhood Grant Program				
Department:	Community Relations	Project Location: Tempe neighborhoods				
Est. Start Date:	Varies	Est. Completion Date: Varies				
Project Description:						
The Maryanne Corder Neighborhood Grant Program is an annual program that provides funding for small neighborhood initiated projects (\$12,000 or less per individual association project and one \$50,000 grant). The selection of recipients and the amounts awarded are determined by City Council based on grant application requests by homeowner and neighborhood associations. Examples of projects include: landscape; security lighting; park improvements, etc. The 2008-2009 grant process included applications requesting a total amount of \$476,558 for the \$225,000 in available funding. The 2008-2009 Grant Program included a new addition, an opportunity for associations to apply for a one time larger grant of \$50,000.						
Project Purpose and Need:						
The grant program allows for direct investment in neighborhoods. Residents are able to identify smaller projects that meet a community need. The program requires extensive community involvement when deciding on a project.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	250,000	250,000	250,000	250,000	250,000	1,250,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	6702490	Name: Tempe Public Library Renovation					
Department:	Community Services	Project Location: 3500 S. Rural					
Est. Start Date:	07/01/06	Est. Completion Date: 06/30/11					
Project Description:							
This project will renovate the Tempe Public Library which opened to the public in 1989. Since the Library was designed and opened prior to the arrival of the Internet and the introduction of other media formats, the building was designed to serve as book warehouse and thus its technology infrastructure is inadequate to meet current and future needs. This request provides \$8,004,999 in funding to upgrade the library's computer network, replace the furniture, and remodel the library to accommodate new usage patterns and technology.							
Project Purpose and Need:							
Over one million people visit the Library each year. This has resulted in considerable wear and tear upon the building and its furnishings over the last 19 years. Public computer access is now a key service demanded by library users and the library's computer network has not been able to keep up with the computer traffic generated by the public. The Information Technology Department has indicated that the network is in desperate need of an upgrade. The speed of the current Cat 3 wiring is not able to handle the high speed audio and video applications in demand by the public. Information Technology has indicated that the current network wiring needs to be replaced with the latest network standard. This will provide the necessary bandwidth to support both existing demands allow for future growth. If not funded, the library environment will be increasingly unpleasant for library users as the result of shabby furniture and interiors, in addition to a technological infrastucture that will not meet the current and future needs of library users.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		3,536,333	115,000	-	-	-	3,651,333
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		38,400	38,400	38,400	-	-	
Capital Outlay		-	-	-	-	-	
Total		38,400	38,400	38,400	0	0	

Project No.	6709229	Name: Development Services - Closeout of Building Plan Archive				
Department:	Development Services	Project Location: N/A				
Est. Start Date:	09/01/08	Est. Completion Date: 08/31/09				
Project Description:						
The Development Services Department (DSD) is currently housing over 3,500 sets of paper plan documents for completed building projects. This one-time program will eliminate the existing plan set backlog, and free up the over 200 square feet of workspace these plans occupy. The city council authorized a document control program within DSD in 2006 that is sized to effectively process documents produced by new construction activity.						
Project Purpose and Need:						
These plans must be processed and archived in accordance with Arizona State Law. A backlog of building plans has developed over the past several years as the prioritization and allocation of department resources between 1998 and 2005 did not kept pace with the production of these documents.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	40,000	-	-	-	-	40,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	6709219	Name: Development Services Technology Modernization				
Department:	Development Services	Project Location: N/A				
Est. Start Date:	11/01/08	Est. Completion Date: 08/31/09				
Project Description:						
This is a program that allows for the “paperless” processing of plans, resulting in the provision of plan review information online. In addition, it will eliminate the potential for misfiled documents; reduce the volume of phone inquiries to DSD; and provide a robust and comprehensive archive of plan documents that can be quickly accessed in the event of a structural fire or other building emergency.						
Project Purpose and Need:						
The Development Services Department (DSD) is currently at a competitive disadvantage with our peer cities in the area of information sharing and use during the building plan review and permitting process. DSD can provide a competitive level of customer service and realize operational and economic efficiencies by updating the technology used to support plan processing. The large volume of paper plans currently processed will be reduced, along with associated expenses to process those documents for archiving in accordance with state law.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	75,000	-	-	-	-	75,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No. 6709239 Name: Enterprise Network File Storage and Archival							
Department: Information Technology		Project Location: NA					
Est. Start Date: 07/01/08		Est. Completion Date: 06/30/13					
Project Description: The demand for information storage has increased dramatically in the last two years. The City's Storage Area Network (SAN) is not keeping up with operational needs. Among the challenges we face are: <ul style="list-style-type: none">• Disruption to business operations during backup windows due to network congestion• Slow data access speeds due to limitations on current hard drive technology• Large backup windows, some exceeding 72 hours• Limited redundancy options for fault-tolerance• Running out of space and halting business process							
Project Purpose and Need: Due to historical data growth, technical obsolescence, and continued expectations of high system availability, the following resources are being requested for the next five years: <ul style="list-style-type: none">• Upgraded hardware for the two existing SAN environments• Additional disks to accommodate the anticipated storage growth• Upgraded hardware for the existing enterprise tape library• Upgraded hardware for the data fiber-switches• Continuous Access licensing for more comprehensive system-wide fault tolerance							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		348,000	241,000	638,000	166,000	-	1,393,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No. 6799779 Name: City Facilities Rehabilitation							
Department: Public Works		Project Location: Citywide					
Est. Start Date: 07/01/09		Est. Completion Date: Ongoing					
Project Description: The City Facilities Rehabilitation CIP provides funding to rehab and repair public facilities and related building systems including roofing repairs, replacements of floor covering, painting, repair and upgrades to building automation systems, fire alarms upgrades and repairs, ice machine replacements, general building repairs as needed. It is also anticipated that some funding will be used for security modifications at the City Hall.							
Project Purpose and Need: This CIP furthers public facilities maintenance efforts which improve the safety and efficiency of City buildings and infrastructure reducing future repair and replacement costs to the City.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		510,000	510,000	510,000	510,000	510,000	2,550,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	676809	Name: Energy Conservation Program (previously - Energy Upgrade and Retrofit)				
Department:	Public Works	Project Location: Citywide				
Est. Start Date:	07/01/09	Est. Completion Date: Ongoing				
Project Description:						
This project replaces substandard and inefficient lighting systems and continues ongoing lighting retrofits at public facilities. The retrofit program reduces energy consumption thereby reducing electric utility bills and provides a safe and productive working environment. New lighting upgrades are planned at: Fire Station #3, Priest Yard dayroom, and Solid Waste Supervisors' area. The project also includes plans to continue to replace thermostats citywide with programmable thermostats.						
Project Purpose and Need:						
The requested funding will continue the City's initiative of replacing substandard and inefficient lighting systems, continue energy savings projects such as replacing thermostats with programmable thermostats, and continue reviewing other energy conservation initiatives.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	32,000	32,000	32,000	32,000	32,000	160,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No. 6706031		Name: Facilities Maintenance Management Plan					
Department: Public Works		Project Location: 55 S. Priest					
Est. Start Date: 07/01/09		Est. Completion Date: 06/30/10					
Project Description:							
This CIP provides funding for building infrastructure condition assessments of both aging and new city facilities to create a Maintenance Management master Plan. This Master Plan will track facility maintenance needs and building functionality, safety and integrity. As a result, the City will be able to refine its budget estimates and conduct improved long term planning.							
Project Purpose and Need:							
The Maintenance Management Master Plan enabled by this CIP will provide readily accessible information and data about City facilities that will (1) assist in ensuring safe and environmentally compliant conditions, (2) improve facility efficiency through lower operating costs, and (3) enhance effective and well informed decision making related to City facilities.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		100,000	-	-	-	-	100,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No. 676809		Name: Historic Properties Preservation					
Department: Public Works		Project Location: Citywide					
Est. Start Date: 07/01/09		Est. Completion Date: Ongoing					
Project Description:							
The Historic Properties Preservation CIP funds rehabilitation and repair efforts of aging historic facilities, infrastructure and systems. The scope of the rehabilitation includes infrastructure systems, roofing repairs, floor covering, painting, and repairs and upgrades of building automation, fire alarms and damaged equipment. It is anticipated that the project will include repainting the Elias Rodriguez House, replacing termite damaged flooring at the Hackett House, and constructing a storage facility for the Hackett House.							
Project Purpose and Need:							
The preservation of City owned historic properties is essential to prolong the sustainability of historic public properties. Taking a proactive approach in repairs and maintenance will reduce expenditures and future costs of City -owned historic properties.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		100,000	100,000	100,000	100,000	100,000	500,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	676873	Name: HVAC Equipment Replacement				
Department:	Public Works	Project Location: Citywide				
Est. Start Date:	07/01/09	Est. Completion Date: Ongoing				
Project Description:						
This project funds air conditioning system replacement in facilities that are no longer performing adequately and require constant maintenance. Eight percent of the City's air conditioning systems have exceeded their serviceable life expectancy and now require replacement including: Fire Station # 2 (5K), Duplication (10K), Ken MacDonald GC Restaurant (17K), Hackett House (15K), and the Museum (14K). The remaining \$6,000 in funds will cover unexpected replacements and allow for proactive maintenance efforts.						
Project Purpose and Need:						
Faulty air conditioning systems are costly to maintain due to interrupted service and inefficient operation. Inefficient air conditioning systems use more energy, create added demands for electrical power, and provide poor service to the occupants.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	67,000	67,000	67,000	67,000	67,000	335,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	6709260	Name: Microbial Remediation (Mold, Asbestos Removal)				
Department:	Public Works	Project Location: Citywide				
Est. Start Date:	07/01/09	Est. Completion Date: Ongoing				
Project Description:						
The Microbial Remediation CIP provides funding needed to hire trained remediation contractors for mold and asbestos removal as needed and in accordance with state and federal environmental requirements.						
Project Purpose and Need:						
Remodeling a City facility will require an Asbestos assessment before work can commence. In the event of detecting asbestos, specially trained technicians will perform the necessary remediation. If mold has been identified in a work area, a mold assessment and abatement actions will be performed by trained Microbial Remediation specialists to ensure a healthy environment.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	30,000	30,000	30,000	30,000	30,000	150,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	6702519	Name: Roof Maintenance Program					
Department:	Public Works	Project Location: Citywide					
Est. Start Date:	07/01/09	Est. Completion Date: Ongoing					
Project Description:							
This project funds annual maintenance and ongoing replacement of City facility roof structures. Proper assessments, maintenance, repairs and replacement of roof structures prolongs performance and usefulness, while reducing the frequency of leaks and emergency repairs. As part of this project, it is planned that the roof at Escalante Center will be replaced.							
Project Purpose and Need:							
Roofs are routinely exposed to harsh climatic conditions that contribute to compromised roof integrity. Preventive maintenance avoids expensive roof replacements and prolongs the life expectancy of a roof structure.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		62,000	62,000	62,000	62,000	62,000	310,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	6704040	Name: General Purpose Irrigation Improvements				
Department:	Water Utilities	Project Location: Various				
Est. Start Date:	07/01/08	Est. Completion Date: Ongoing				
Project Description: This project provides a recurring funding source to replace and repair irrigation lines due to normal operation and /or that have exceeded their useful life.						
Project Purpose and Need: To replace and repair diversion gates, lines and valves associated with operating and maintaining the flood irrigation system.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	275,000	275,000	275,000	275,000	275,000	1,375,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No. 67N1032 Name: Edna Vihel Center for the Arts Renovation Project						
Department: Community Services		Project Location: 3340 South Rural Road				
Est. Start Date: 08/01/09		Est. Completion Date: 08/01/12				
Project Description: This project will fund the renovation and expansion of the Edna Vihel Center for the Arts. The existing facility is 38 years old.						
Project Purpose and Need: This project will address the following issues: 1.The building, including the restrooms, need modifications and improvements to enhance services to users. The doors, HVAC, lighting, ceiling recirculation, stage and dressing room systems need to be replaced. The existing design of portions of the building including the stage and restrooms do not meet ADA requirements. 2. The current stage needs to be remodeled with a flexible black box theatre space. 3. Additional space is needed for increased art classes and programs. The space needs to be flexible to allow for various forms of art programs including a gallery area. 4. Project will increase revenues with opportunity to provide more classes and activities to Tempe citizens.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	2,216,385	2,577,721	2,213,956	-	-	7,008,062
Operating Budget Impacts						
Personal Services	-	-	58,656	86,968	88,381	
Supplies and Services	-	-	6,600	6,930	7,277	
Capital Outlay	-	-	-	-	-	
Total	0	0	65,256	93,898	95,658	

Project No.	67N1033	Name: Capital Improvement Project Management					
Department:	Public Works	Project Location: Engineering Division					
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/10					
Project Description:							
The project will provide a comprehensive, holistic integrated project management software tool which would assist in the tracking of all aspects of the Capital Improvement Program. This tool allows access to all city associates no matter what phase of the project they are working on. Information flows back and forth as the inspectors enter job completion quantities and pay estimates are generated for the contractor. The components include budgeting, design/estimating, funding sources, advertisement of projects, bid opening, construction and field inspectors.							
Depending upon the program purchased, a new server may need to be purchased and has been accounted for in the IT Worksheet under the laptop/desktop line item.							
Project Purpose and Need:							
To date, we have many (not all) of the components in several different types of formats that come in this software package. One item sorely missing is the ability to track the financial component of a project from the "notice to proceed" to "closeout" due to the limitations of PeopleSoft Financials. This tool would give the ability to have one central location of all pertinent information for a project. Key attributes of the software include, but may not be limited to: allows engineering estimators to search their own historic pricing from a list of standard items based on the past bids of local vendors, including customized search filters; generates a publication containing all the information necessary for easy advertisement; gives engineers the ability to include alternate bidding and to evaluate alternate schemes side by side, insuring selection of the best suited alternate for the project; enables users to capture and store bid opening information, utilizing a Microsoft SQL database; gives field inspectors the ability to track completed quantities for daily logs, including contractor personnel and equipment, test results, material adjustments, and an option for adding individual comments; utilizes a quick stat component to determine an executive overview of exactly where the project is at any given time; captures funding source information and has the ability to link all or partial funding amounts to each contract pay item as it is completed; can track adjustments to contract quantities, including material on hand receipt and usage amounts.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		350,000	-	-	-	-	350,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	6702971	Name: City Hall/Municipal Complex Rehabilitation					
Department:	Public Works	Project Location: Fifth & Forrest					
Est. Start Date:	07/01/08	Est. Completion Date: 06/30/10					
Project Description:							
The assessment of the condition of the Municipal Complex and immediate surroundings for refurbishing needs was conducted during the previous CIP year. The following was included in the evaluation: lighting, signage, security, structural, mechanical, water penetration, deck surface and utilization, glazing and related mullions, panels, etc., landscaping, general aesthetics, and ADA and building code issues.							
Project Purpose and Need:							
Significant improvements to the mechanical and electrical systems are required for continued long-term function of City Hall. The vision is that of an updated, like new facility that does not compromise the original design.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		3,000,000	-	-	-	-	3,000,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	67N1034	Name: Downtown Infrastructure Improvements				
Department:	Public Works	Project Location: Various				
Est. Start Date:	07/01/09	Est. Completion Date: Ongoing				
Project Description:						
This project is for the purpose of updating infrastructure in the downtown. This may include improvements and refurbishing of brick sidewalks, street furniture, and small enhancements identified in the Project for Public Spaces (PPS) analysis. Specific improvements in excess of \$30k would be presented to Mayor and Council for approval, prior to implementation.						
Project Purpose and Need:						
The project purpose is to help ensure pedestrian safety in the downtown area. In addition, we wish to maintain our status as one of the 10 Great Streets of 2008 as recognized by the American Planning Association through their Great Places in America program.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	400,000	400,000	400,000	400,000	400,000	2,000,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	6706030	Name: Electrical ARC Flash Compliance Analysis					
Department:	Public Works	Project Location: Citywide					
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/10					
Project Description:							
This CIP will provide funding for an electrical system engineering study at all City owned facilities. The consultant will label all electrical equipment components as defined in NFPA 70E-standard for electrical safety in the workplace. The study will review switchboards, panel boards, industrial control panels, meter socket enclosures and motor control centers all of which are likely to require examination, adjustments, servicing or maintenance while energized.							
Project Purpose and Need:							
The purpose of this project is to hire a consultant to perform a study of electrical components for all city facilities and to ensure proper labeling of electrical equipment. This project is necessary to be in compliance with NFPA 70E-standard for electrical safety in the workplace.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		175,000	-	-	-	-	175,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	67N1035	Name: Project Record System for Administration and Compliance				
Department:	Public Works	Project Location: Engineering Division				
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/10				
Project Description:						
High density mounted storage units on wheeled carriages will create greater storage capacity to address the current space limitations available for records. The project provides for systematic control, organization, access to and protection of the City vital information.						
Project Purpose and Need:						
Information of the infrastructure is one of the most important City resources. Federal and State funds are a large revenue source for the infrastructure that requires formal record management. Federal and State statutory compliance for documentation is imperative to the continuation of those funds. The implementation of this system will help ensure that the City is compliant with any statutory obligations, support and document policy, facilitate the effective performance of function and activities throughout the project life cycle, protect the interest of the City and provide evidence of and establish project activities. The high density record management system will allow for tangible savings in time and resources by providing accountability, improving efficiency and accuracy as well as addressing retention of engineering records.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	150,000	-	-	-	-	150,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Previously Approved / Funded CIP Projects - Transportation & R.O.W. Improvements Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
65	5499741	Asphalt Mill and Overlay	-	1,958,820	1,325,139	1,345,500	1,412,775	1,483,414	7,525,649
65	5402991	Baseline Bridge Replacement over Western Canal	178,487	500,000	-	-	-	-	500,000
66	5499891	Bridge Maintenance	188,526	250,000	250,000	300,000	300,000	300,000	1,400,000
66	5499901	City Facilities Parking Lots	186,825	42,000	46,200	50,820	55,902	61,492	256,414
67	5499731	Intersection Reconstruction	-	742,000	435,000	478,500	-	-	1,655,500
67	5499781	Minor Alley Improvements and Dust Control	-	29,000	29,000	29,000	33,350	33,350	153,700
68	5499761	Minor Concrete Improvements	270,392	706,610	635,949	540,556	540,556	594,612	3,018,283
68	5499941	Neighborhood Street Rehabilitation	-	1,456,000	1,528,800	1,605,240	1,685,502	1,769,777	8,045,319
69	5499921	Neighborhood Transportation Management	606,843	-	-	200,000	200,000	200,000	600,000
69	5499951	Residential Street Surface Treatment	628,583	1,789,625	1,917,088	2,057,296	2,178,154	2,313,820	10,255,983
70	5499931	Street Microsurfacing	200,811	1,030,000	772,500	772,500	515,000	515,000	3,605,000
70	5499711	Street Reconstruction and Improvements	-	1,301,286	556,914	662,500	1,060,000	1,166,000	4,746,700
Total Request				9,805,341	7,496,590	8,041,912	7,981,239	8,437,465	41,762,548

Project No.		5499741	Name: Asphalt Mill and Overlay				
Department:		Public Works	Project Location: City wide				
Est. Start Date:		Ongoing	Est. Completion Date: Ongoing				
Project Description:							
This project provides for the resurfacing and localized reconstruction of the arterial street system in the City. The majority of the arterial roadways in the City have undergone a number of preventative maintenance applications since originally constructed. The amount and type of traffic is approaching or has exceeded the design limit of some arterial streets. This project replaces the top layer of older, brittle pavement and sections of moderately distressed asphalt with new pavement.							
Project Purpose and Need:							
Resurfacing and rehabilitating arterial streets increases the strength and the durability of the roadway, while maintenance costs for the next 10 years will decrease.							
09-10 Baseline (48th to Mill) May be reduced pending the type of work at Baseline and Kyrene intersection.							
09-10 Broadway - Mill to Rural							
10-11 Rural Rd. - Rio Salado to Alameda							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		1,958,820	1,325,139	1,345,500	1,412,775	1,483,414	7,525,649
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	5402991	Name: Baseline Bridge Replacement over Western Canal					
Department:	Public Works	Project Location: Baseline Road & Western Canal					
Est. Start Date:	07/01/08	Est. Completion Date: 06/30/10					
Project Description:							
This project includes the replacement of the existing Baseline Bridge over the Western Canal.							
Project Purpose and Need:							
This bridge was inspected and found to be at limit of its capacity and is in need of replacement over the next year or two.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		500,000	-	-	-	-	500,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	5499891	Name: Bridge Maintenance					
Department:	Public Works	Project Location: Various					
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing					
Project Description:							
In the report described below, ADOT identifies specific repairs and maintenance required and quantifies the estimated cost to make the repairs. The City updates these costs for construction inflation and determines current costs. The scope of work includes replacement of damaged joints, joint seals and diaphragms, cleaning debris out of the joints to allow them to function properly, posting of vertical clearance signs, repair of damaged structural members and guard, replacement of missing bolts and nuts from railings, correction of settlement and subsidence at abutments and miscellaneous other items. This is done to assure that the bridges are safe and in good repair.							
Project Purpose and Need:							
Federal law mandates the inspection of all bridges in the country every two (2) years. ADOT has been inspecting Tempe's bridges for many years and submitting a report to the City for required repairs and maintenance.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		250,000	250,000	300,000	300,000	300,000	1,400,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	5499901	Name: City Facilities Parking Lots					
Department:	Public Works	Project Location: City wide					
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing					
Project Description:							
This project will provide for the sealing, resurfacing and reconstruction of City parking lots in accordance with the City's Pavement Program. Proper maintenance and upkeep will prevent costly reconstruction projects in the future.							
Project Purpose and Need:							
Maintain city facility parking lots to prevent costly reconstruction and repairs.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		42,000	46,200	50,820	55,902	61,492	256,414
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	5499731	Name: Intersection Reconstruction				
Department:	Public Works	Project Location: City wide				
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing				
Project Description:						
This project provides for the reconstruction, resurfacing, and rehabilitation of intersections throughout the city that have been determined to be unsafe for both pedestrian and vehicular traffic. The hot temperatures and the dynamic forces applied by the accelerating and decelerating traffic cause the asphalt intersections to rut and shove. This project will explore additional pavement alternatives such as portland cement concrete and other additives that will improve the structural integrity of the intersections.						
08-09 09-10(Baseline and Kyrene)						
10-11 Broadway and Priest						
Project Purpose and Need:						
The purpose of this project is to rebuild intersections that continually need costly maintenance and to improve ridability and safety for the traveling public.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	742,000	435,000	478,500	-	-	1,655,500
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	5499781	Name: Minor Alley Improvements and Dust Control				
Department:	Public Works	Project Location: City wide				
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing				
Project Description: This project supplements the city's alley maintenance program and will provide for the improvement or dust control of minor streets and alleys throughout the City, including paving unpaved streets or upgrading of substandard minor streets to City standards. Providing dust control/soil stabilization in these streets and alleys will assist the City in meeting its air quality standard requirements.						
Project Purpose and Need: Assist city in meeting its air quality standard requirements. Provides for special dust suppression projects and limited neighborhood alley dust control.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	29,000	29,000	29,000	33,350	33,350	153,700
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No. 5499761		Name: Minor Concrete Improvements					
Department: Public Works		Project Location: City wide					
Est. Start Date: Ongoing		Est. Completion Date: Ongoing					
Project Description: This project will provide for the emergency replacement of broken curbs, gutters, and sidewalks throughout the City. Other uses include the construction of curbs, gutters, sidewalks and ADA accessible ramps to improve the continuity of the infrastructure and to improve accessibility and mobility for pedestrians in various areas. This project is also used in emergency call out situations, e.g. water main breaks, as needed.							
Project Purpose and Need: Cost effective way of quickly repairing our concrete infrastructure. Funding this project is crucial to the citizens by providing safe and easily traversable pedestrian access throughout the city.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		706,610	635,949	540,556	540,556	594,612	3,018,283
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	5499941	Name: Neighborhood Street Rehabilitation					
Department:	Public Works	Project Location: City wide					
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing					
Project Description: The city's preventive maintenance efforts over the years have preserved our streets and kept them in very good condition. However, a growing number of residential streets are to the point that preventive maintenance is no longer effective or appropriate. This program allows for the annual rehabilitation of 6 miles of residential streets on average.							
Project Purpose and Need: This project provides for the reconstruction, resurfacing, and/or rehabilitation of older residential streets in Tempe neighborhoods.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		1,456,000	1,528,800	1,605,240	1,685,502	1,769,777	8,045,319
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	5499921	Name: Neighborhood Transportation Management					
Department:	Public Works	Project Location: Citywide					
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/10					
Project Description: This project provides for the design and installation of neighborhood traffic calming devices, such as traffic circles and speed humps, at various locations in the City.							
Project Purpose and Need: This program reduces cut-thru traffic and speeds in neighborhoods.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	-	200,000	200,000	200,000	600,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	5499951	Name: Residential Street Surface Treatments				
Department:	Public Works	Project Location: City wide				
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing				
Project Description:						
This project will provide the ongoing preventative maintenance (slurry seal) of local/residential streets throughout the city in accordance with the city's pavement management program. Allocating funds and effort now will prevent future reconstruction costs that can be 10 times higher than routine maintenance costs.						
Project Purpose and Need:						
Resurface residential and collector streets with a new wearing course that will seal the street.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	1,789,625	1,917,088	2,057,296	2,178,154	2,313,820	10,255,983
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	5499931	Name: Street Microsurfacing				
Department:	Public Works	Project Location: City wide				
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing				
Project Description:						
This project provides ongoing preventive maintenance and resurfacing of major arterial and collector streets throughout the city in accordance with the city's pavement management program. Without routine maintenance, the arterial street network in the City will decline at a rapid rate. It is more cost effective to provide for maintenance now rather than for reconstruction later.						
Project Purpose and Need:						
The purpose is to apply a new wearing surface to the street and seal out moisture and UV rays.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	1,030,000	772,500	772,500	515,000	515,000	3,605,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	5499711	Name: Street Reconstruction and Improvements				
Department:	Public Works	Project Location: City wide				
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing				
Project Description:						
This project provides for the reconstruction, resurfacing, and rehabilitation of streets or street segments that have exceeded their design life or need significant repair. Streets and/or public rights of way in this category include streets that were acquired through annexation processes throughout the years, streets/rights of way that have never been constructed to city standards, and street segments that have failed or need repair or construction beyond preventive maintenance. Improvements are necessary in areas to ensure accessibility and safety for residents and businesses adjacent to these areas, pedestrians, bicyclists, and vehicular traffic.						
Project Purpose and Need:						
To repair or reconstruct rights of way that are not up to current standards or have failed.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	1,301,286	556,914	662,500	1,060,000	1,166,000	4,746,700
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Previously Approved / Funded CIP Projects - Traffic Signals and Street Lighting Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
72	69T1036	Design and Install Fiber Optic Communications	-	-	-	-	346,469	-	346,469
72	69T1037	Install Wireless Communications and CCTV Monitoring at Intersections	-	312,000	-	-	-	-	312,000
73	6901279	Installation of Pedestrian ITS Devices	84,735	25,000	25,000	25,000	25,000	25,000	125,000
73	6999879	New Signals/Modular Upgrades	36,346	600,000	600,000	600,000	600,000	600,000	3,000,000
74	69T1038	Purchase and Install MMU Units in All Traffic Cabinets	-	203,348	-	-	-	-	203,348
74	6999849	Street Light Pole Structural Replacement	100,000	300,000	300,000	300,000	300,000	300,000	1,500,000
75	6999869	Street Light Upgrades/New Installation	123,118	300,000	300,000	300,000	300,000	300,000	1,500,000
75	6999859	Utility Undergrounding	547,332	325,000	325,000	350,000	350,000	350,000	1,700,000
76	69T1039	Video Traffic Detection	-	-	424,319	-	-	-	424,319
Total Request				2,065,348	1,974,319	1,575,000	1,921,469	1,575,000	9,111,136

Newly Requested / Unfunded CIP Projects - Traffic Signals and Street Lighting Program



Page #	Project No.	Project Name	Estimated Prior Funding Available at 6/30/09	2009-10 Requested Program	Additional Projected Needs				Total 5-Year Program
					2010-11	2011-12	2012-13	2013-14	
76	696696	Light Emitting Diodes	-	100,000	100,000	100,000	100,000	100,000	500,000

Project No. 69T1036 Name: Design and Install Fiber Optic Communications							
Department: Public Works			Project Location: Citywide				
Est. Start Date: 07/01/12			Est. Completion Date: 06/30/13				
Project Description:							
This project will install fiber optic communications media along major roadway corridors utilizing existing fiber conduits. The project will partner with private companies and the State to utilize existing conduits and state-owned infrastructure.							
Project Purpose and Need:							
The project will allow city staff to monitor and adjust signal timing remotely to improve traffic flow at congested intersections. The project will eliminate the need for leased telephone service for command and control at signalized intersections.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	-	-	346,469	-	346,469
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	69T1037	Name: Install Wireless Communications and CCTV Monitoring at Intersections					
Department:	Public Works	Project Location: Citywide					
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/10					
Project Description: This project will install wireless communications media for command and control operations and Closed Circuit Television (CCTV) monitoring at traffic signals.							
Project Purpose and Need: The project will be used to adjust signal timing to improve traffic flow at congested intersections.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		312,000	-	-	-	-	312,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	6901279	Name: Installation of Pedestrian ITS Devices					
Department:	Public Works	Project Location: City wide					
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing					
Project Description:							
The purpose of this project is to convert existing or install new accessible pedestrian devices at traffic signal controlled intersections. This project is a step toward complying with the Americans with Disabilities Act (ADA) and provides an essential public service for Tempe citizens. Examples of these devices include, but are not limited to, pedestrian push buttons, pedestrian countdown signal heads, audible pedestrian technologies and machine vision detections.							
Project Purpose and Need:							
These devices provide audible, vibro-tactile and visual information for pedestrians with limited or no hearing or sight. It improves their personal safety as they navigate Tempe streets.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		25,000	25,000	25,000	25,000	25,000	125,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	6999879	Name: New Signals/Modular Upgrades				
Department:	Public Works	Project Location: City wide				
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing				
Project Description:						
This project provides for the installations of new traffic signals as warranted or for the replacement of existing outdated signals. The projected schedule is as follows: 2009/2010 Broadway & Priest, Mill & Elliot, Rio Salado & Hayden Ferry, Southern & Evergreen and Broadway & Mill. Signals installed as warranted by Traffic Engineering studies.						
Project Purpose and Need:						
To manage traffic safely and efficiently.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	600,000	600,000	600,000	600,000	600,000	3,000,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	6,480	6,480	6,480	6,480	6,480	
Capital Outlay	-	-	-	-	-	
Total	6,480	6,480	6,480	6,480	6,480	

Project No.	69T1038	Name: Purchase and Install MMU Units in All Traffic Cabinets					
Department:	Public Works	Project Location: Citywide					
Est. Start Date:	07/01/09	Est. Completion Date: 06/30/10					
Project Description: This project will allow City of Tempe to replace and upgrade all aging Malfunction Management Units (MMU), which are a safety device for the traffic signal systems.							
Project Purpose and Need: The upgraded MMUs will provide for quicker troubleshooting of intersection malfunctions, will facilitate increased intersection reliability and ultimately provide for safer traffic signal control operations.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		203,348	-	-	-	-	203,348
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	6999849	Name: Street Light Pole Structural Replacement				
Department:	Public Works	Project Location: City wide				
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing				
Project Description:						
The project will fund the replacement of existing rusted street light poles that are direct buried and provide funding to replace all direct buried street light poles to meet our current street light pole foundation standards. There are approximately 2030 direct buried street light poles left in our inventory that will need to be replaced at a rate of 100-150 per year (based on their corrosion factor.)						
Project Purpose and Need:						
To be proactive by providing structurally sound street light poles that conform to our engineering standards and that will also help manage our potential risk for existing rusted street light poles.						
Fiscal Year	2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs	300,000	300,000	300,000	300,000	300,000	1,500,000
Operating Budget Impacts						
Personal Services	-	-	-	-	-	
Supplies and Services	-	-	-	-	-	
Capital Outlay	-	-	-	-	-	
Total	0	0	0	0	0	

Project No.	6999869	Name: Street Light Upgrades/New Installation					
Department:	Public Works	Project Location: City wide					
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing					
Project Description:							
This project provides for the installations of new street lights at various locations as well as the upgrading of street lights from mercury vapor luminaries to environmentally friendly, energy efficient luminaries.							
Project Purpose and Need:							
The purpose of this project is to efficiently light up the roadway.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		300,000	300,000	300,000	300,000	300,000	1,500,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		33,940	41,440	33,940	41,440	33,940	
Capital Outlay		-	-	-	-	-	
Total		33,940	41,440	33,940	41,440	33,940	

Project No.	6999859	Name: Utility Undergrounding					
Department:	Public Works	Project Location: Various					
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing					
Project Description:							
This project will provide for the undergrounding of overhead utility lines. Sec 25-120 - 126 requires the undergrounding of all new and existing utility lines in conjunction with a development/redevelopment project; in addition, the undergrounding provides a more reliable power source as well as aesthetics. It is difficult to predict where these individual undergrounding opportunities will occur. One specific area (Farmer Avenue between University and 13th Street) is an ongoing undergrounding utility project.							
Project Purpose and Need:							
In established, residential areas, the possibility of undergrounding being done by others (or developers) is unlikely. Therefore, the City budgets for the undergrounding of these areas. This helps to promote the development and redevelopment of neighborhoods so that the citizen do not need to concern themselves with the cost of undergrounding utilities as part of their project.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		325,000	325,000	350,000	350,000	350,000	1,700,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	69T1039	Name: Video Traffic Detection					
Department:	Public Works	Project Location: Citywide					
Est. Start Date:	07/01/10	Est. Completion Date: 06/30/11					
Project Description:							
The project will utilize video detection and CCTV monitoring at arterial / arterial traffic signals to obtain real-time turning movement count data.							
Project Purpose and Need:							
The project will be used to monitor and adjust signal timing to improve traffic flow along the city's major travel corridors.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		-	424,319	-	-	-	424,319
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	

Project No.	696696	Name: Light Emitting Diodes					
Department:	Public Works	Project Location: City wide					
Est. Start Date:	Ongoing	Est. Completion Date: Ongoing					
Project Description:							
The LED (Light Emitting Diodes) program has provided significant energy savings and has reduced maintenance costs since we retrofitted all of the incandescent lamps in our traffic signals, eight years ago. This ongoing project will allow us to change out old LED lamps to newer LED's since it has been more than 8 years since they were installed.							
Project Purpose and Need:							
Purpose of this project is to continue to realize significant energy and maintenance savings with the retrofit program and request that the program continue so that we are able to retrofit older LED's with new ones.							
Fiscal Year		2009-10	2010-11	2011-12	2012-13	2013-14	Total
Total Estimated Project Costs		100,000	100,000	100,000	100,000	100,000	500,000
Operating Budget Impacts							
Personal Services		-	-	-	-	-	
Supplies and Services		-	-	-	-	-	
Capital Outlay		-	-	-	-	-	
Total		0	0	0	0	0	