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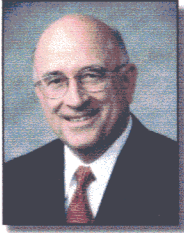
**Approved Five-Year
Capital Improvement Program
FISCAL YEARS 2002 THROUGH 2006**

CITY OF
TUCSON
arizona

**Approved Five-Year
Capital Improvement Program
FISCAL YEARS 2002 THROUGH 2006**

Presented July 1, 2001

CITY COUNCIL



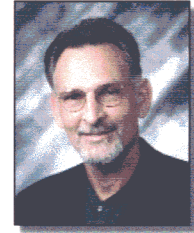
**HONORABLE
ROBERT E. WALKUP**
MAYOR



JOSÉ J. IBARRA
WARD 1



CAROL W. WEST
WARD 2



JERRY ANDERSON
WARD 3



SHIRLEY C. SCOTT
WARD 4



STEVE LEAL
WARD 5



FRED RONSTADT
WARD 6

CITY ADMINISTRATION



JAMES KEENE
CITY MANAGER

MIKE LETCHER
Deputy City Manager

LIZ RODRIGUEZ MILLER
Assistant City Manager

BENNY YOUNG
Assistant City Manager



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CITY OF TUCSON

OFFICE OF THE CITY MANAGER

July 1, 2001

Honorable Robert E. Walkup, Mayor
Members of the City Council
City of Tucson
255 West Alameda Street
Tucson, Arizona 85701

Dear Mayor Walkup and Council Members:

The Mayor and Council approved the proposed Five-Year Capital Improvement Program (CIP), with changes as noted in the CIP wrap-up memo, on March 5, 2001. During the recommended budget review process, the Mayor and Council also authorized changes to the approved five-year CIP. Combined, these changes bring the five-year total to \$1.12 billion and the total for Fiscal Year 2002 to \$239.51 million.

Fiscal Years 2002 through 2006 Five-Year Capital Improvement Program

	Funded	Unfunded	Total
Five-Year FY 2002 through FY 2006	\$ 738,778,200	\$ 385,473,000	\$ 1,124,251,200
Fiscal Year 2002	239,509,200	-0-	239,509,200

In accordance with the requirements of Chapter XIII, Section 4 of the Tucson Charter, the Fiscal Year 2002 portion of the Five-Year Capital Improvement Program has been incorporated into the Fiscal Year 2002 Adopted Budget.

CHANGES FROM THE PROPOSED TO THE APPROVED CIP

This section of the memorandum details changes from the Proposed Five-Year CIP to the Approved CIP, including both the changes made to the proposed capital budget. The Mayor and Council authorized changes are summarized in the table below, with more information provided on the following pages.

	Proposed CIP	Final Approved CIP	Increase/ (Decrease)
Year 1: FY 2002	\$ 226,189,900	\$ 239,509,200	\$ 13,319,300
Years 2 through 5: FY 2003 – FY 2006	885,134,000	884,742,000	(392,000)
Five-Year Total	\$ 1,111,323,900	\$ 1,124,251,200	\$ 12,927,300

Changes to Year 1: Fiscal Year 2002

The following section details changes of \$13,319,300 from the proposed to the adopted Fiscal Year 2002 Capital Improvement Program. As noted below, the increase is due to \$13,308,500 in additional project funds being carried forward and other miscellaneous budget capacity changes that net to \$10,800.

(Note: The capital budget service categories have been revised to reflect the city's organizational realignment.)

	Change Amount
Neighborhood Services	
Fire	
• Carryforward funding of \$1,644,600 was added for the following projects:	\$ 1,644,600
Fire Station 6, F908	\$ 1,613,700
Aircraft Rescue and Firefighting Facility, F966	30,900
Library	
• The Main Library Plaza Improvement project (L913) was revised from \$1,000,000 to \$700,000 due to the transfer of \$300,000 for loading dock repairs to the operating budget. Funding sources changed from a 50/50 city/county split to 100% city funds (bond fund interest earnings).	(300,000)
Parks and Recreation	
• Carryforward funding of \$200,000 was added to the North Central District Park project (R021). [<i>This change was included in the March 5, 2001 CIP wrap-up memo.</i>]	200,000
• Bond funding of \$98,000 for the Desert Vista/Southwest District Park project (R902) was shifted from Fiscal Year 2002 to Fiscal Year 2003. [<i>This change was included in the March 5, 2001 CIP wrap-up memo.</i>]	(98,000)
• Bond funding of \$98,000 was shifted from the Miscellaneous Parks project (R914) in Fiscal Year 2003 to the Amphi High School Softball Complex project (R959). [<i>This change was included in the March 5, 2001 CIP wrap-up memo.</i>]	98,000

	<u>Change Amount</u>
Parks and Recreation (continued)	
• Funding of \$98,000 for the Amphi High School Softball Complex project (R959) was revised from bond proceeds to bond fund interest earnings.	-0-
• Funding of \$213,000 for the Pachyderm Exhibit Space project (R924) was revised from the General Fund to bond fund interest earnings.	-0-
• Carryforward funding of \$418,700 was added for the following projects:	418,700
Santa Rita Lighting, R015	\$ 183,700
Bravo Park, R027	125,000
Amphi Softball Phase I, R033	100,000
Las Mariposas Park	10,000
Tucson City Golf	
• Carryforward funding of \$54,900 was added for the Silverbell Golf Course project (G905).	54,900
Police	
• Carryforward funding of \$321,500 was added for the Public Safety Training Academy Dormitory project (P007).	321,500
Citizen and Neighborhood Services	
• In the Back to Basics Unallocated project (A148), Community Development Block Grant (CDBG) capacity was deleted from the capital budget and moved to the Community Services Department's operating budget per Mayor and Council's request.	(175,000)
• Carryforward funding of \$4,643,000 (\$2,625,000 in General Fund and \$2,018,000 in HURF/Fund 015) was added for the Back to Basics Unallocated project (A148).	4,643,000
Environment and Development	
Solid Waste Management	
• Funding of \$50,000 for the Closed Landfill Gas Mitigation project (Q317) was revised from General Fund contribution to the Environmental and Solid Waste Mandate Reserve.	-0-
• Funding of \$170,000 for the Closed Landfill Improvements project (Q319) was revised from a General Fund contribution to the Environmental and Solid Waste Mandate Reserve.	-0-
• Carryforward funding of \$34,800 was added for the Los Reales Lined Cell One project (Q321).	34,800
Transportation	
• Third-party funding capacity was added to the Land Acquisition project (S107) for right-of-way purchases along the Broadway Corridor.	800,000

		<u>Change Amount</u>
Transportation (continued)		
• Carryforward funding of \$4,222,000 was added for the following projects:		4,222,000
Mountain: Ft Lowell to Roger, S022	\$ 100,000	
Resurfacing, Restoration, and Rehabilitation, S110	1,300,000	
Flowing Wells Sidewalk, S128	125,000	
Highland Ave Bike, S149	79,000	
South Yard Drill Track, S155	300,000	
Anklam Road, S215	2250,000	
Roadway Beautification, S221	50,000	
Overlay Projects, S228	28,000	
Barraza Aviation, S30B	100,000	
Barraza: Park/Euclid Bridge, S30E	(350,000)	
Barraza: Tucson Arroyo, S30F	300,000	
Barraza: Traffic Mitigation, S30G	97,000	
Barraza: Property Management, S30J	51,000	
Kolb: 22 nd to Speedway, S042	3,000	
School Flashers, S764	60,000	
Fire Dept Signals, S766	7,000	
Miscellaneous Signals, S800	(1,000)	
Controller Upgrades, S802	12,000	
Intelligent Traffic System, S803	55,000	
Turn Signal Mods, S804	(20,000)	
Americans with Disabilities Act Modifications, S809	(15,000)	
Municipal Fuel Grant, M009	(210,000)	
Dial-a-Ride Communications, M136	17,000	
Support Vehicles-Van Tran, M202	60,000	
Management Information System, M203	115,000	
Building and Equipment, M209	333,000	
Third Party Contracts, M210	220,000	
Compressed Natural Gas Facility, M211	260,000	
Replacement of Brick Pavers, M709	48,000	
Cherry Ave Transit Hub, M722	160,000	
Renovation of Sun Tran Facility, M821	76,000	
Bus Scheduling System, M907	89,000	
Van Tran Infant Room, M910	199,000	
Automated Vehicle Location System Kiosks, M912	175,000	
Automated Vehicle Location System Upgrades, M913	124,000	
Americans with Disabilities Act Pedestrian Access, M922	50,000	

	<u>Change Amount</u>
Tucson Water	
• The following funding source revisions were made to various projects, with no net change to project budgets. These changes make the CIP consistent with the department's approved financial plan.	-0-
Water Revenue and Operations Fund	\$ (1,121,000)
Central Arizona Project Reserve Fund	(4,000)
2000 Water Revenue Bonds	(8,420,000)
2000 WIFA Bonds	9,545,000
Environmental Management	
• Funding of \$500,000 for the Comprehensive City Landfill Groundwater Investigation/Remediation project (U116) was revised from a General Fund contribution to the Environmental and Solid Waste Mandate Reserve.	-0-
• Funding of \$750,000 for the Los Reales Landfill Westside Remediation project (U300) was revised from a General Fund contribution to the Environmental and Solid Waste Mandate Reserve.	-0-
• Carryforward funding from the Environmental and Solid Waste Mandate Reserve was added for the Comprehensive Landfill Remediation project (U116).	50,000
• Funding was added for the Broadway Pantano project (U315). Bond funding of \$2.8 million was switched to \$3.1 million in Water Quality Assurance Revolving Fund receipts.	300,000
Support Services	
Operations	
• Funding of \$164,800 for the Emergency Communications System and Facility project (B801) was revised from the General Fund to bond fund interest earnings.	-0-
• Carryforward funding was added for the following projects:	1,719,000
Emergency Communications, B801	\$ 1,039,600
Energy Management System, B804	279,600
Eastside CNG Plant, B805	54,200
ADA Mods to City-Owned Facilities, TAB2	28,400
ADA Mods to Parks , TAR4	281,500
Accessible Play Equipment , TAR5	35,700
• Funding for the City Hall Annex Communications Room project (B106) was reduced by \$200,000 due to project scope and schedule changes.	(200,000)
• Funding for the Emergency Communications System and Facility project (B801) was reduced by \$414,200 due to project schedule changes. Budget capacity of \$414,000 was moved to Future Years.	(414,200)
Total of Changes for Fiscal Year 1: FY 2002	<u>\$ 13,319,300</u>

Changes To Years 2 Through 5: FY 2003 – FY 2006

Years 2 through 5 of the five-year CIP decreased by \$392,000. The following section details all approved changes from the proposed to the approved capital improvement program for Fiscal Year 2003 through Fiscal Year 2006.

	<u>Change Amount</u>
Neighborhood Services	
Library	
• Unused Pima County bond fund capacity for the Midtown Library (L913) was carried forward from Fiscal Year 2001 to Fiscal Year 2003.	\$ 750,000
Parks and Recreation	
• The unfunded portion of the North Central District Park project (R021) was reduced based on a revised estimate from the consultant and was rescheduled to begin in Fiscal Year 2003. [<i>This change was included in the March 5, 2001 CIP wrap-up memo.</i>]	(847,000)
• Bond funding of \$98,000 for the Desert Vista/Southwest District Park project (R902) was shifted from Fiscal Year 2002 to Fiscal Year 2003. [<i>This change was included in the March 5, 2001 CIP wrap-up memo.</i>]	98,000
• Bond funding of \$98,000 was shifted from the Miscellaneous Parks project (R914) in Fiscal Year 2003 to the Amphi High School Softball Complex project (R959) in Fiscal Year 2002. [<i>This change was included in the March 5, 2001 CIP wrap-up memo.</i>]	(98,000)
• Bond funding of \$98,000 was added back to the Miscellaneous Parks project (R914) in Fiscal Year 2003. The prior reduction had been done to fund the Amphi High School Softball Complex project (R959) in Fiscal Year 2002, which has since been revised to bond fund interest earnings.	98,000
• An unfunded budget was added for the new Amphi High School Softball Complex project (R959) in Fiscal Years 2003 and 2004. [<i>This change was included in the March 5, 2001 CIP wrap-up memo.</i>]	182,000
• Unused Pima County bond funding from Fiscal Year 2001 was carried forward to Fiscal Year 2003 for the following projects:	425,000
Quincie Douglas, Phase II, R022	\$ 100,000
Lincoln Park, R030	125,000
Freedom Park, R901	200,000
Citizen and Neighborhood Services	
• In the Back to Basics Unallocated project (A148), Community Development Block Grant (CDBG) capacity was moved to future Community Services Department operating budgets per Mayor and Council's request (\$175,000 reduction per year for the four years).	(700,000)

		<u>Change Amount</u>
Environment and Development		
Tucson Water		
• The following funding source revisions were made to various projects with no net change to project budgets. These changes make the CIP consistent with the department's approved financial plan.		-0-
Water Revenue and Operations	\$ (6,832,000)	-0-
Central Arizona Project Reserve	31,000	
2000 Water Revenue Bonds	(6,799,000)	
2000 WIFA Bonds	1,782,000	
Unfunded	11,818,000	
Environmental Management		
• Bond funding in Fiscal Year 2006 for the Broadway Pantano project (U315) was reduced by \$300,000. That funding was moved to Fiscal Year 2002 and the funding source revised to the Water Quality Assurance Fund.		(300,000)
Total of Changes for Fiscal Years 2 through 5: FY 2003 through FY 2006		<u><u>\$ (392,000)</u></u>

Changes To Future Years

Neighborhood Services

Parks and Recreation

- The unfunded portion of the North Central District Park project (R021) in future years was deleted, based on a revised estimate from the design consultant. [*This change was included in the March 5, 2001 CIP wrap-up memo.*] \$ (2,203,000)

Support Services

Operations

- Budget capacity in the Emergency Communications System and Facility project (B801) was moved from Fiscal Year 2002 due to project delays. 414,000

Total of Changes for Future Years	<u><u>\$ (1,789,000)</u></u>
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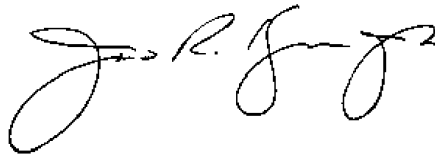
CONCLUSION

The first year of the Five-Year CIP, Fiscal Year 2002, increased by \$13.32 million over the proposed capital budget for an adopted total of \$239.51 million. The increase was almost entirely due to additional funds being carried forward for projects not completed during Fiscal Year 2001.

The total Five-Year CIP, Fiscal Years 2002 through 2006, increased by \$12.93 million over the proposed capital budget for an approved total of \$1.12 billion. The increase was also primarily due to the carried forward funds added for Fiscal Year 2002.

To provide a complete administrative record of the review and approval of the five-year CIP, the budget message from the proposed five-year CIP is also included in this document. That previous budget message summarizes community issues related to infrastructure needs and highlights projects being undertaken by departments to meet those needs.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "James Keene". The signature is fluid and cursive, with a large initial "J" and a stylized "K".

James Keene
City Manager

ATTACHED TABLES

Table I, Five-Year Capital Improvement Program Summary by Department, is the total program summary by department (page A-10).

Table II, Five-Year Capital Improvement Program Summary by Funding Source, sets out the program by funding source (page A-12).

Table III, Five-Year Capital Improvement Program Summary Operating Cost Impact on Recurring Revenue, is a summary of the operating cost impacts of all funded and unfunded projects, together with the associated debt service requirements (page A-14).

Table IV, Five-Year Capital Improvement Program Summary Estimated Inflationary Impact, is a summary of the estimated inflationary costs of all projects by department (page A-15).

CAPITAL IMPROVEMENT PROGRAM

Department Percentage of Total Five-Year Funding

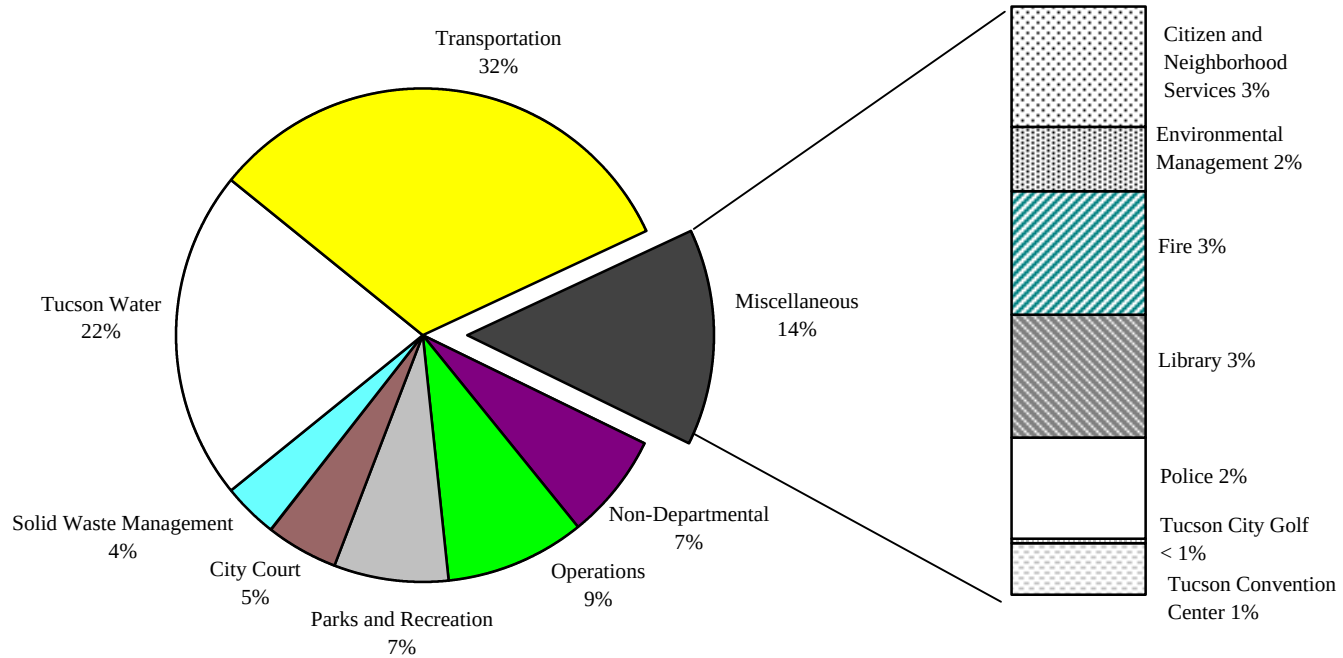


TABLE I
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY
BY DEPARTMENT
(\$000)

DEPARTMENT	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Neighborhood Services	10,165.4	12,158.7	36,522.1	48,680.8	66,023.0	80,229.0	39,261.0	30,910.0	265,103.8	14,518.0	289,787.2
City Court	831.0	-	577.0	577.0	6,111.0	22,128.0	22,810.0	1,271.0	52,897.0	-	53,728.0
Fire	1,866.1	3,058.6	6,020.6	9,079.2	9,422.0	14,176.0	865.0	-	33,542.2	-	35,408.3
Library	1,420.0	-	6,780.0	6,780.0	11,602.0	14,933.0	-	-	33,315.0	-	34,735.0
Parks and Recreation	3,693.6	3,613.7	16,117.5	19,731.2	25,515.0	23,052.0	9,071.0	6,620.0	83,989.2	14,518.0	102,200.8
Tucson City Golf	173.1	521.9	25.0	546.9	136.0	340.0	41.0	198.0	1,261.9	-	1,435.0
Police	2,181.6	321.5	1,402.0	1,723.5	7,637.0	-	874.0	17,221.0	27,455.5	-	29,637.1
Citizen and Neighborhood Services	-	4,643.0	5,600.0	10,243.0	5,600.0	5,600.0	5,600.0	5,600.0	32,643.0	-	32,643.0
Environment and Development	151,054.6	42,045.9	130,646.0	172,691.9	139,420.0	140,455.0	116,196.0	89,102.0	657,864.9	322,329.0	1,131,248.5
Solid Waste Management	8,042.5	2,270.0	5,420.0	7,690.0	4,225.0	10,521.0	15,248.0	1,454.0	39,138.0	23,847.0	71,027.5
Transportation	53,450.3	32,873.7	67,793.0	100,666.7	78,887.0	81,389.0	54,930.0	41,142.0	357,014.7	76,910.0	487,375.0
Tucson Water	76,197.3	4,695.8	51,333.0	56,028.8	53,498.0	44,425.0	44,779.0	45,546.0	244,276.8	221,422.0	541,896.1
Environmental Management	13,364.5	2,206.4	6,100.0	8,306.4	2,810.0	4,120.0	1,239.0	960.0	17,435.4	150.0	30,949.9
Strategic Initiatives	-	-	-	-	3,427.0	10,440.0	-	-	13,867.0	-	13,867.0
Tucson Convention Center	-	-	-	-	3,427.0	10,440.0	-	-	13,867.0	-	13,867.0
Support Services	5,887.3	1,719.0	5,464.8	7,183.8	13,432.0	23,280.0	21,256.0	37,754.0	102,905.8	414.0	109,207.1
Operations	5,887.3	1,719.0	5,464.8	7,183.8	13,432.0	23,280.0	21,256.0	37,754.0	102,905.8	414.0	109,207.1
Non-Departmental	994.9	5,280.1	3,340.6	8,620.7	16,783.0	31,250.0	17,500.0	5,000.0	79,153.7	-	80,148.6
General Expense	994.9	5,280.1	3,340.6	8,620.7	16,783.0	31,250.0	17,500.0	5,000.0	79,153.7	-	80,148.6
City Total	168,102.2	61,203.7	175,973.5	237,177.2	239,085.0	285,654.0	194,213.0	162,766.0	1,118,895.2	337,261.0	1,624,258.4
Non-City Funded	1,212.0	578.0	1,754.0	2,332.0	1,170.0	660.0	644.0	550.0	5,356.0	-	6,568.0
Assessments	1,212.0	578.0	1,754.0	2,332.0	1,170.0	660.0	644.0	550.0	5,356.0	-	6,568.0
Total	169,314.2	61,781.7	177,727.5	239,509.2	240,255.0	286,314.0	194,857.0	163,316.0	1,124,251.2	337,261.0	1,630,826.4

CAPITAL IMPROVEMENT PROGRAM Funding Summary

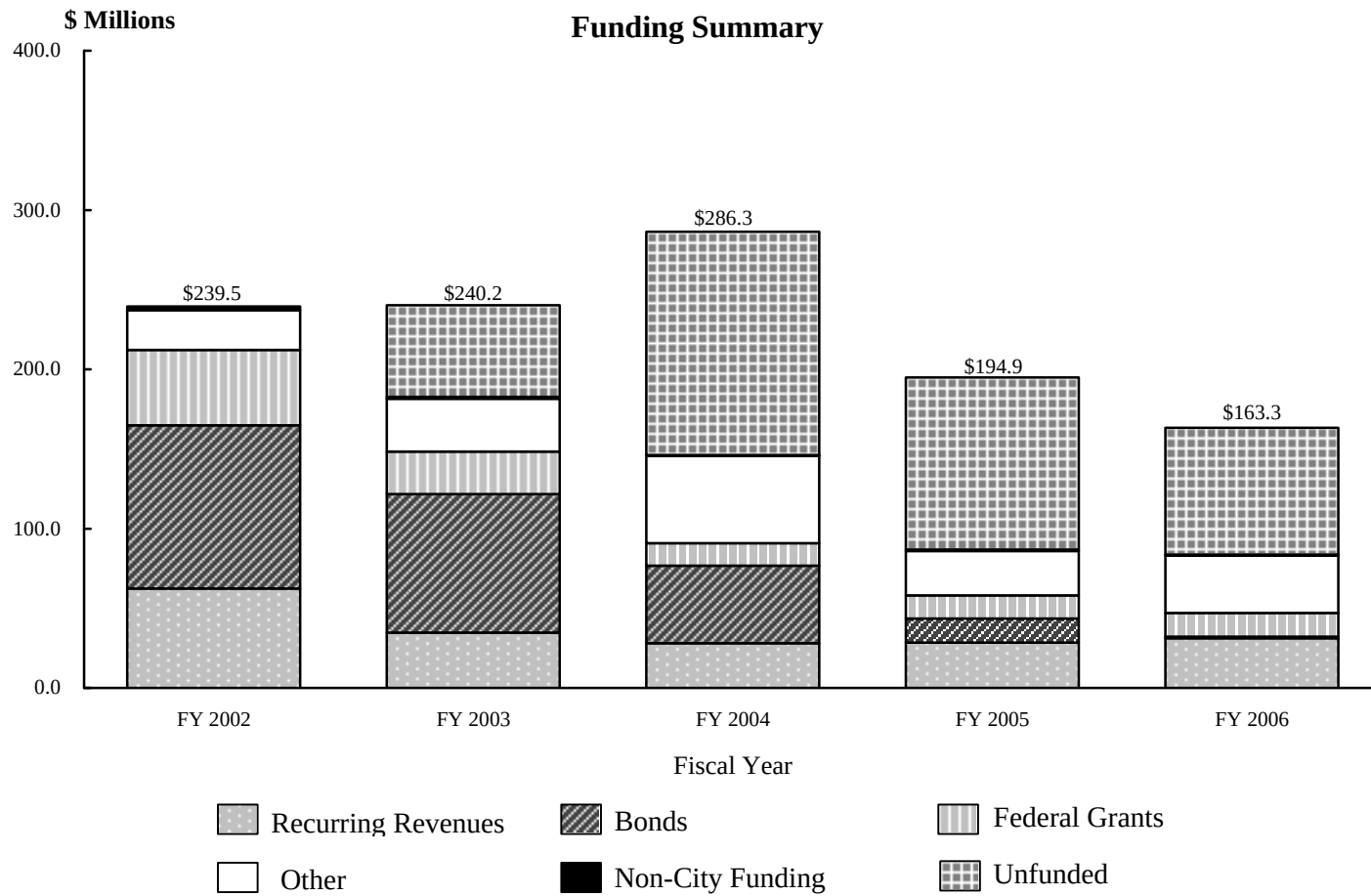


TABLE II
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY
BY FUNDING SOURCE
(\$000)

DEPARTMENT	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Recurring Revenues	66,640.4	17,816.3	44,611.0	62,427.3	34,749.0	28,123.0	28,398.0	31,287.0	184,984.3	115,350.0	366,974.7
General Fund	8,186.5	7,319.0	6,765.0	14,084.0	5,329.0	3,252.0	3,255.0	3,360.0	29,280.0	-	37,466.5
Library Fund - Pima County Contribution	520.0	-	80.0	80.0	-	-	-	-	80.0	-	600.0
Solid Waste Management Fund	1,310.0	-	-	-	-	-	-	-	-	-	1,310.0
Highway User Revenue Fund	5,474.7	3,577.0	8,270.0	11,847.0	7,761.0	2,799.0	2,287.0	2,289.0	26,983.0	-	32,457.7
Highway User Revenue Fund - Restricted	6,682.7	-	-	-	-	-	-	-	-	-	6,682.7
Capital Contributions and Agreements	6,233.0	4,313.0	13,075.0	17,388.0	5,675.0	4,529.0	4,530.0	4,530.0	36,652.0	10,000.0	52,885.0
Mass Transit - Local Match	1,250.2	2,502.4	2,027.0	4,529.4	2,099.0	2,159.0	2,220.0	2,290.0	13,297.4	-	14,547.6
Central Arizona Project Reserve Fund	5,496.5	-	962.0	962.0	974.0	984.0	992.0	1,002.0	4,914.0	-	10,410.5
Golf Course Fund	90.1	104.9	25.0	129.9	136.0	340.0	41.0	198.0	844.9	-	935.0
Water Revenue and Operations Fund	31,396.7	-	13,407.0	13,407.0	12,775.0	14,060.0	15,073.0	17,618.0	72,933.0	105,350.0	209,679.7
Bonds	83,839.2	23,626.8	78,876.8	102,503.6	87,000.0	48,524.0	15,176.0	910.0	254,113.6	-	337,952.8
General Obligation Bonds	32,025.6	13,181.0	36,866.8	50,047.8	39,517.0	21,850.0	8,344.0	910.0	120,668.8	-	152,694.4
Street and Highway User Revenue Bonds	12,509.5	5,750.0	5,646.0	11,396.0	8,334.0	8,334.0	6,832.0	-	34,896.0	-	47,405.5
Water Infrastructure Finance Authori (WIFA) Bonds	1,716.2	-	9,545.0	9,545.0	-	-	-	-	9,545.0	-	11,261.2
Water Revenue Bonds	37,587.9	4,695.8	26,819.0	31,514.8	39,149.0	18,340.0	-	-	89,003.8	-	126,591.7
Federal Grants	11,120.7	10,767.4	36,373.0	47,140.4	26,629.0	14,290.0	14,588.0	14,923.0	117,570.4	-	128,691.1
Mass Transit - Federal Grants	6,724.9	10,196.6	12,518.0	22,714.6	9,189.0	9,466.0	9,730.0	10,029.0	61,128.6	-	67,853.5
Federal Highway Administration Funds	3,079.0	47.0	22,580.0	22,627.0	16,165.0	3,549.0	3,583.0	3,619.0	49,543.0	-	52,622.0
Community Development Block Gra	-	-	1,275.0	1,275.0	1,275.0	1,275.0	1,275.0	1,275.0	6,375.0	-	6,375.0
Miscellaneous Federal Grants	1,316.8	523.8	-	523.8	-	-	-	-	523.8	-	1,840.6
Other	6,501.9	8,993.2	16,112.7	25,105.9	33,091.0	54,683.0	27,874.0	36,000.0	176,753.9	414.0	183,669.8
Certificates of Participation	1,769.0	4,702.2	1,375.4	6,077.6	16,402.0	31,250.0	17,500.0	5,000.0	76,229.6	-	77,998.6
Debt Financing	-	-	5,000.0	5,000.0	10,000.0	21,000.0	10,000.0	31,000.0	77,000.0	414.0	77,414.0
Environmental and Solid Waste Mandate Reserves	102.0	589.6	1,470.0	2,059.6	-	-	-	-	2,059.6	-	2,161.6
Pima County Bonds	692.6	3,018.7	5,686.5	8,705.2	5,389.0	1,133.0	274.0	-	15,501.2	-	16,193.8
Miscellaneous Non-Federal Grants	413.4	458.9	894.8	1,353.7	700.0	700.0	-	-	2,753.7	-	3,167.1
Bond Interest	3,524.9	223.8	1,686.0	1,909.8	600.0	600.0	100.0	-	3,209.8	-	6,734.7
Total City Funded	168,102.2	61,203.7	175,973.5	237,177.2	181,469.0	145,620.0	86,036.0	83,120.0	733,422.2	115,764.0	1,017,288.4

TABLE II
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY
BY FUNDING SOURCE
(\$000)

DEPARTMENT	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded	-	-	-	-	57,616.0	140,034.0	108,177.0	79,646.0	385,473.0	221,497.0	606,970.0
Unfunded Requirements	-	-	-	-	57,616.0	140,034.0	108,177.0	79,646.0	385,473.0	221,497.0	606,970.0
City Total	168,102.2	61,203.7	175,973.5	237,177.2	239,085.0	285,654.0	194,213.0	162,766.0	1,118,895.2	337,261.0	1,624,258.4
Non-City Funded	1,212.0	578.0	1,754.0	2,332.0	1,170.0	660.0	644.0	550.0	5,356.0	-	6,568.0
Assessments	1,212.0	578.0	1,754.0	2,332.0	1,170.0	660.0	644.0	550.0	5,356.0	-	6,568.0
Total	169,314.2	61,781.7	177,727.5	239,509.2	240,255.0	286,314.0	194,857.0	163,316.0	1,124,251.2	337,261.0	1,630,826.4

TABLE III
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY
OPERATING COST IMPACT ON RECURRING REVENUE
(\$000)

DEPARTMENT	ADOPTED YEAR 1 FY 2002	PROJECTED REQUIREMENTS				FIVE YEAR TOTAL
		YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006	
Neighborhood Services	925.6	5,592.3	11,013.3	15,670.1	15,953.6	49,154.9
City Court	-	100.0	100.0	100.0	100.0	400.0
Fire	925.6	3,016.3	5,665.1	7,913.1	8,326.6	25,846.7
Library	-	1,741.0	2,741.0	4,241.0	4,241.0	12,964.0
Parks and Recreation	-	735.0	2,425.0	3,333.8	3,203.8	9,697.6
Police	-	-	82.2	82.2	82.2	246.6
Environment and Development	812.0	5,189.6	5,832.8	6,245.6	6,741.8	24,821.8
Solid Waste Management	-	50.0	70.0	110.0	247.0	477.0
Transportation	2.0	29.6	2.8	275.6	294.8	604.8
Tucson Water	-	4,300.0	4,830.0	4,930.0	5,270.0	19,330.0
Environmental Management	810.0	810.0	930.0	930.0	930.0	4,410.0
Strategic Initiatives	-	-	-	612.0	612.0	1,224.0
Tucson Convention Center	-	-	-	612.0	612.0	1,224.0
Support Services	-	110.0	116.0	430.0	430.0	1,086.0
Operations	-	110.0	116.0	430.0	430.0	1,086.0
Debt Service	5,313.6	14,336.0	21,957.0	24,013.7	30,353.0	95,973.3
Non-Bonded Debt	207.3	2,189.7	4,171.7	5,115.7	8,045.7	19,730.1
General Obligation Bonds	1,372.8	4,258.3	7,088.3	8,460.0	8,549.5	29,728.9
Street and Highway User Revenue Bonds	784.5	2,337.0	3,187.0	3,159.0	3,077.8	12,545.3
Water Revenue Bonds	2,949.0	5,551.0	7,510.0	7,279.0	10,680.0	33,969.0
TOTAL	7,051.2	25,227.9	38,919.1	46,971.4	54,090.4	172,260.0

Assumptions for new bond sales:

1. Sales of bonds and non-bonded debt are based on the Capital Improvement Program. Actual sales will depend on project needs, assessed valuation. Street and Highway User Revenues, Water Revenues, and interest rates.
2. General Obligation Bonds issued after July 2001 are estimated to be sold at 6.5% for a 20 year term.
3. Street and Highway User Revenue bonds are estimated to be sold at 4.79% for a 20 year term for the June 2001 sale; for sales after July 2001 rate is 6.5% over 20 years.
4. Water Revenue Bond debt service estimates are from Tucson Water's approved five-year financial plan. They include sales for the voter-app program and for a future bond program in 2004 for projects included in this CIP as unfunded.

TABLE IV
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY
ESTIMATED INFLATIONARY IMPACT
(\$000)

DEPARTMENT	ADOPTED YEAR 1 FY 2002	PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
		YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Neighborhood Services	-	1,922.7	4,604.7	3,331.5	3,446.5	13,305.4	1,994.5	15,299.9
City Court	-	178.0	1,270.0	1,936.0	142.0	3,526.0	-	3,526.0
Fire	-	274.7	815.0	73.0	-	1,162.7	-	1,162.7
Library	-	338.0	857.0	-	-	1,195.0	-	1,195.0
Parks and Recreation	-	743.0	1,321.7	770.0	736.5	3,571.2	1,994.5	5,565.7
Tucson City Golf	-	4.0	19.0	3.5	22.0	48.5	-	48.5
Police	-	222.0	-	74.0	1,921.0	2,217.0	-	2,217.0
Citizen and Neighborhood Services	-	163.0	322.0	475.0	625.0	1,585.0	-	1,585.0
Environment and Development	-	4,101.3	8,098.4	9,913.7	9,996.3	32,109.7	44,289.0	76,398.7
Solid Waste Management	-	123.0	602.5	1,293.5	162.0	2,181.0	3,276.0	5,457.0
Transportation	-	2,337.8	4,711.4	4,717.0	4,647.8	16,414.0	10,567.0	26,981.0
Tucson Water	-	1,558.5	2,548.0	3,797.2	5,078.5	12,982.2	30,425.0	43,407.2
Environmental Management	-	82.0	236.5	106.0	108.0	532.5	21.0	553.5
Strategic Initiatives	-	101.0	600.0	-	-	701.0	-	701.0
Tucson Convention Center	-	101.0	600.0	-	-	701.0	-	701.0
Support Services	-	419.0	1,330.0	1,806.0	4,211.0	7,766.0	56.5	7,822.5
Operations	-	419.0	1,330.0	1,806.0	4,211.0	7,766.0	56.5	7,822.5
Non-Departmental	-	488.6	1,794.0	1,485.0	558.0	4,325.6	-	4,325.6
General Expense	-	488.6	1,794.0	1,485.0	558.0	4,325.6	-	4,325.6
TOTAL	-	7,032.6	16,427.1	16,536.2	18,211.8	58,207.7	46,340.0	104,547.7

Note: Fiscal Year 2002 is the base year and is therefore not inflated.



CITY MANAGER'S MESSAGE CAPITAL IMPROVEMENT PROGRAM

February 5, 2001

Honorable Mayor and Council Members
of the City of Tucson
City Hall
255 West Alameda
Tucson, Arizona 85701

Dear Mayor Walkup and Council Members:

I am pleased to transmit for your consideration the Proposed Five-Year Capital Improvement Program for Fiscal Years 2002 through 2006 in accordance with Chapter XIII, Section 4 of the Tucson Charter.

This capital improvement program (CIP) focuses on investments that support the goals of a Livable Tucson through the renovation of existing infrastructure and the construction of new infrastructure. To keep the Mayor and Council and the community aware of the city's total capital needs, both funded and unfunded projects are presented in this \$1.1 billion five-year program.

The funded portion of the five-year CIP, which totals \$741 million primarily from bond funds, recurring revenues, and federal grants, provides for many projects that will improve the quality of life in Tucson: neighborhoods will be enhanced, new libraries will serve the public, additional police and fire stations will be opened, parks and roadways will be improved, environmental mandates will be met, and the delivery of sufficient and quality drinking water will be ensured.

Even though the recently approved 2000 bond program infused \$278.1 million into the city's capital improvement program, many needed projects currently have no identified funding source. Unfunded in this five-year CIP are projects totaling \$370.3 million.

SUMMARY OF EXPENDITURES AND FUNDING

Each October the CIP process begins when city departments are asked to submit requests for capital projects based on department need assessments and information from community groups and the governing body. Department requests are reviewed by the Department of Budget and Research and the City Manager's Office; unfunded projects are also given peer review by the Capital Budget Committee.

Expenditure Summary

This proposed five-year CIP of \$1.1 billion is \$244.7 million less than the currently approved five-year CIP. This decrease is primarily due to a reduction in the amount of unfunded projects in the Transportation CIP, which in this five-year CIP includes only the department's highest priority unfunded projects.

Five-Year CIP Summary of Expenditures			
(numbers in \$000)	Year 1 FY 2002	Five-Year Total	Five-Year Funded
Elected and Official	\$ 14,308	\$ 99,157	\$ 42,987
Organizational Support	6,079	101,801	78,079
Public Safety	8,837	59,032	25,433
Community Development	-0-	-0-	-0-
Human Services	26,684	131,451	56,491
Public Enterprises	159,329	635,373	453,504
Non-Departmental	8,621	79,154	79,154
City Subtotal	\$ 223,858	\$ 1,105,968	\$ 735,648
Non-City Funded	2,332	5,356	5,356
Program Total	\$ 226,190	\$ 1,111,324	\$ 741,004

See Table I on page A-12 for a more detailed summary.

The proposed first year (Fiscal Year 2002) capital budget of \$226.2 million is \$37.9 million more than the adopted capital budget of \$188.3 million for Fiscal Year 2001. The increase is due to ramping up for the city and county bond programs, and an increase in federal funds programmed for street projects.

You will note that there are no projects for the Community Development budget category. That is because all Community Services projects are scheduled for completion during Fiscal Year 2001.

Capital Budget Committee Findings

During development of the proposed CIP, the Capital Budget Committee (CBC)—department directors of Budget and Research, Finance, Fire, Operations, Planning, Solid Waste Management, and Transportation—reviewed unfunded capital needs to determine which projects address critical needs and should be recommended for new pay-as-you-go funding in the five-year CIP presented to the Mayor and Council.

In reviewing unfunded capital project requests, the committee took into consideration department priorities, the relationship of projects to the overall goals of the city, and the city's limited fiscal capacity. Projects were evaluated on whether the need was driven by any of following five criteria: regulatory mandate or immediate environmental impact, public health or safety impact, an existing commitment, potential for revenues, and added costs if the project is delayed.

CBC Recommendations for New Pay-As-You-Go Funding: The CBC recommended that unfunded projects totaling \$6.6 million be funded from the General Fund—\$2.2 million in the first year of the CIP (Fiscal Year 2002) and \$4.4 million in years two

through five—for environmental mandates at the city’s landfills, a short-term resolution to settling at the Main Library, and pachyderm exhibit space at the Reid Park Zoo.

I have included in this proposed CIP the CBC’s general recurring fund recommendations of \$2.2 million for Fiscal Year 2002, plus I have included an additional \$1.5 million for the following projects: \$0.6 million to complete the remodeling of the City Court building, \$0.5 million for the protection/relocation of the downtown communications hub at the to-be-demolished City Hall Annex, and \$0.4 million for an annual program to underground power lines (made possible by the ¼ % increase in the utility franchise fee).

New Pay-As-You-Go Funding		
(numbers in \$000)	Year 1 FY 2002	Five-Year Total
City Court	\$ 577	\$ 577
Environmental Management	1,250	1,250
Library*	500	500
Operations	500	500
Parks and Recreation	213	1,913
Solid Waste Management	220	220
Transportation	400	2,000
Total	\$ 3,660	\$ 6,960

*To be matched with \$500,000 from Pima County’s Library District

New Debt Financing		
(numbers in \$000)	Year 1 FY 2002	Five-Year Total
Operations	\$ 5,000	\$ 77,000
Non-Departmental	320	3,272
Total	\$ 5,320	\$ 80,272

However, from the CBC’s recommended \$4.4 million of funding from the General Fund for years two through five of the CIP, I have included only the \$1.7 million needed for completion of the pachyderm exhibit. I felt that a decision on the remaining \$2.7 million for environmental projects from the CBC’s year two through five recommendations could be postponed for discussion in the next budget cycle.

CBC’s Recommendations for New Debt Financing: The CBC also recommended that three projects be financed through the issuance of new debt: Emergency Communications System and Facility, Solid Waste Management Administration building, and roadway improvements at the 22nd and Alvernon intersection. From those recommendations, I have only included \$77 million of new debt for Operations’ Emergency Communications System and Facility. However, improvements to the

22nd and Alvernon intersection have been included in the Transportation CIP, but are being funded from the 2000 street and highway revenue bond authorization. In addition to the CBC’s recommendations, I have included debt financing for the renovation and/or relocation of the council chambers (\$3.3 million).

Funding Summary

The city uses a variety of funding sources to provide for capital improvements, primarily bond funds, recurring revenues, and federal grants. As previously noted, the five-year CIP contains both unfunded and funded projects so that a more complete picture of the city’s needs are presented.

Funded Program: Sixty-seven percent, or \$741 million, of the five-year CIP is funded. The primary source of funding for the CIP, totaling \$265.1 million over the five years, is bonds authorized by city voters: general obligation bonds, street and highway revenue bonds, and water revenue bonds. Recurring revenues—from sales taxes (General Fund), state-shared gasoline taxes (Highway User Revenue Fund/HURF), utility fees, and contributions other agencies—provide for another \$183.2 million. Federal grants, which total \$116.9 million, are a significant funding source for Transportation’s roadway and

mass transit projects, and assist with implementing the Back to Basics program. The remaining \$170.4 million in other sources is primarily for non-bond debt financing (\$151.3 million). The issuance of non-bond debt, from certificates of participation and other financing methods, is necessary because of the city's constrained ability to issue general obligation bonds.

Five-Year CIP Summary of Funding Sources		
(numbers in \$000)	Year 1 FY 2002	Five-Year Total
City Bonds	\$ 103,912	\$ 265,141
Recurring Revenues	53,817	183,175
Federal Grants	45,764	116,894
Non-Bond Debt	9,142	151,294
Pima County Bonds	8,287	13,908
Other Miscellaneous Funds	2,936	5,236
Total City Funded	\$ 223,858	\$ 735,648
Non City-Funds	2,332	5,356
Total Funded Program	\$ 226,190	\$ 741,004
Unfunded	-0-	370,320
Total Proposed Program	\$ 226,190	\$ 1,111,324

See Table II on page A-14 for a more detailed summary.

Unfunded Program: The unfunded program in this proposed CIP is \$253.3 million less than the unfunded included in the currently approved five-year CIP. As previously mentioned, this decrease is primarily due to the reduction of unfunded projects in the Transportation CIP.

Even with this overall decrease in the estimated unfunded projects, 33% or \$370.3 million of five-year CIP is unfunded. Unfunded requirements cut across all departments and indicate a need for future bond authorizations and additional recurring revenues.

DEPARTMENT PROGRAM HIGHLIGHTS

Department program highlights are presented within their budget reporting categories: Elected and Official, Organizational Support, Public Safety, Human Services, Public Enterprises, and Non-Departmental.

Elected and Official

The Elected and Official category, which accounts for 9% of the total five-year CIP, includes funding for the Office of the City Manager's Back to Basics program and Environmental Management projects, and for City Court projects.

Back to Basics Program: The Office of the City Manager's proposed CIP maintains an annual level of funding for the Back to Basics program that is equal to the Fiscal Year 2001 funding of \$5.8 million: \$2.6 million from the General Fund, \$1.7 million from Highway User Revenue Funds (HURF), and \$1.5 million from Community Development Block Grants (CDBG). To present all funding for the Back to Basics program in one place, HURF and CDBG funding have been relocated from the Transportation CIP and the Community Services operating budget.

Environmental Management: Environmental Management's program contains landfill investigation and groundwater remediation projects. Seventy-eight percent, or \$13.5 million, of the program is funded for continuing work at the Broadway-Pantano remediation site; the Los Reales, Harrison, and Silverbell Landfills; and the Price Service Center. These projects are primarily funded from general obligation bonds and the General Fund. An additional \$3.9 million will be needed for completion of Los

Reales Landfill projects, a possible Tumamoc Landfill investigation, and future landfill remediations, but is currently unfunded.

City Court: The City Court program of \$52.9 million includes \$0.6 million from the General Fund to complete renovation of the city court building and \$52.3 million for a proposed new city court building that is currently unfunded.

Organizational Support

The Organizational Support category, which accounts for 9% of the total five-year CIP, contains projects managed by the Department of Operations.

Department of Operations: The Operations' five-year CIP of \$101.8 million is for city facility upgrades and expansions. Seventy-seven percent, or \$78.1 million, of the program has identified funding: \$0.5 million for protecting or relocating the downtown communications hub and \$77.6 million for a new emergency communications system and facility. The remaining \$23.7 million that is unfunded would provide for two new multi-service centers and expansion of the existing weld shop at the Price Service Center.

Public Safety

The Public Safety category, which accounts for 5% of the total five-year CIP, provides for police and fire facility and equipment improvements.

Police: Facility and equipment improvements of \$27.1 million are included in the Police Department's CIP. Thirty-three percent, or \$9 million, of the program is funded from the 2000 bond authorization, providing for a new substation, miscellaneous facility improvements, and land acquisition at the Public Safety Training Academy. Unfunded are improvements of \$18.1 million for a new forensics building and an additional substation to support future growth.

Fire: The Fire Department's five-year CIP of \$31.9 million includes projects to acquire equipment and to improve and expand facilities. Fifty-one percent, or \$16.4 million, of the program is funded, providing for the following projects: completion of the Aircraft Rescue and Firefighting Facility and four new substations, acquisition of mobile data terminals, and miscellaneous facility improvements. Unfunded are projects totaling \$15.5 million for improvements to the Public Safety Training Academy and another substation.

Human Services

The Human Services category, which accounts for 12% of the total five-year CIP, contains projects managed by the Tucson Convention Center, Library, Parks and Recreation, and Tucson City Golf.

Tucson Convention Center: Arena bleachers, new meeting rooms, music hall lighting, and a new parking structure totaling \$13.9 million are included in the Tucson Convention Center's CIP. None of these projects has an identified funding source. However, the use of Rio Nuevo funding for the meeting rooms and parking structure is being reviewed.

Library: The Library Department's program totals \$32.9 million over the five-year CIP. Only twenty-two percent, or \$7.1 million, of the program is funded: \$1.3 million from Pima County bonds and \$0.1 million in grant funds for the Midtown Library, \$4.6 million from the city's 2000 bond authorization for the Quincie Douglas and

George Miller-Golf Links Libraries, and \$1.1 million from the Library Fund for improvements to the Main Library Plaza and El Pueblo Library. The remaining 78%, or \$25.8 million, for library branches and improvements to the Main Library is unfunded.

Parks and Recreation: The Parks and Recreation five-year program of \$83.5 million provides for the renovation of existing facilities and the development of new facilities. Fifty-eight percent, or \$48.2 million, of the program is funded. These funds provide for zoo and parks improvements as directed by city and county bond authorizations. Additionally, pay-as-you-go funding has been included to construct new pachyderm exhibit space at the zoo. Unfunded are miscellaneous improvements and new facilities totaling \$35.3 million.

Tucson City Golf: Improvements to the Fred Enke, Randolph, and Silverbell Golf Courses will be completed with the \$1.2 million in the Tucson City Golf CIP. All of these projects are funded either directly from golf course revenues or through debt financing repaid from golf course revenues.

Public Enterprises

The Public Enterprises category, which accounts for 58% of the total five-year CIP, includes capital projects for Solid Waste Management, Transportation, and Tucson Water.

Solid Waste Management: The Solid Waste Management five-year CIP totals \$39.1 million for the construction of new landfill capacity, closure and gas mitigation at existing landfills, and facility improvements. Twenty-nine percent, or \$11.5 million, of the program is funded, primarily from the 2000 bond authorization. The remaining \$27.6 million that is unfunded includes mandated landfill closures and post-closure care, improvements to the existing transfer station and a new transfer station for system efficiencies, and an administration and training facility.

Transportation: Improvements to sustain the city's multi-modal transportation system is the goal of Transportation's five-year program of \$357.3 million. The two largest program areas are Streets and Public Transit, with proposed budgets of \$158.3 million and \$135 million, respectively. The other program areas in the Transportation CIP total \$64 million for drainage, street lighting, and traffic signal improvements. Seventy-one percent, or \$253.1 million, of Transportation's overall program is funded, primarily from city bonds, federal grants, and state-shared gasoline taxes. Twenty-nine percent, or \$104.2 million, of the five year CIP remains unfunded. However, it should be noted that Transportation has identified as unfunded in this CIP only its highest priority projects and not all of the city's needs over the next ten years.

Not included in this CIP are the 15 Pima County bond transportation projects to be completed within the city limits. These projects are being administered by Pima County and are therefore located in the county's capital budget.

Tucson Water: Tucson Water's \$244.3 million five-year CIP proposes projects totaling \$203.3 million for improvements to the potable water system and \$41.0 million for the reclaimed water system. Improvements to the potable water system emphasize recharging and recovering Colorado River water, and improving storage capacity, pumping efficiency, and system hydraulics throughout the system. A revitalized preventive maintenance program includes corrosion evaluation projects to ensure the integrity of mains. Reclaimed water system projects will facilitate implementation of the Reclaimed Water Master Plan that focuses on the recharge and recovery of reclaimed

water, rather than plant treatment, and provides for the construction and expansion of transmission mains within identified priority areas. Seventy-nine percent, or \$194.1 million, of the program is funded from the 2000 bond authorization, the Central Arizona Project reserve fund, and annual system revenues. The remaining \$50.2 million is unfunded.

Non-Departmental

The Non-Departmental category, which accounts for 7% of the total five-year CIP, includes capital projects budgeted in General Government; these are projects that are not specific to a single department.

General Government: The General Government five-year program totals \$79.2 million. The program is presented as fully funded, although \$66 million is included for budget capacity with no specific project identified. The remaining funding of \$13.2 million provides for the Midtown Multipurpose Center at 22nd and Alvernon (\$9.9 million) and renovation or relocation of the Mayor and Council chambers (\$3.3 million)

IMPACT OF THE CIP ON THE OPERATING BUDGET

While capital projects are one-time, non-recurring costs, the completion of many projects is the beginning of recurring costs for the operating budget. Operating and maintenance (O&M) impacts totaling \$8.2 million for projects to be completed during the first year of this CIP will be included in the recommended Fiscal Year 2002 operating budget. The cumulative O&M impact of this CIP in Fiscal Year 2003 is estimated at \$28.8 million, growing to \$60.3 million by Fiscal Year 2006.

Operating and Maintenance Impacts of the CIP		
(numbers in \$000)	Year 1 FY 2002	Year 5 FY 2006
Elected and Official	\$ 810	\$ 930
Organizational Support	-0-	320
Public Safety	1,388	8,409
Human Services	-0-	8,149
Public Enterprises	-0-	12,325
Subtotal	\$ 2,198	\$ 30,133
Bond Debt Service	4,762	22,072
Non-Bond Debt Service	1,246	8,046
Subtotal	6,008	30,118
Total	\$ 8,206	\$ 60,251

See Table III on page A-16 for a more detailed summary.

The largest component of the operating budget impact is the paying off of debt financing, which will range from \$6 million in Fiscal Year 2002 to \$30.1 million in Fiscal Year 2006. The city's bonded debt—general obligation bonds, street and highway revenue bonds, and water revenue bonds—is repaid through the secondary property tax, state-shared gasoline taxes, and water system revenues. Payments on the new non-bonded debt included in this proposed CIP will be made from the General Fund.

The other O&M costs, ranging from \$2.2 million in Fiscal Year 2002 to \$30.1 million in Fiscal Year 2006, will impact department operating budgets. Of

these impacts the total \$2.2 million in Fiscal Year 2002 will come from the General Fund, increasing to \$18.3 million in Fiscal Year 2006. The remaining \$11.8 million in Fiscal Year 2006 will be funded from water system revenues.

ISSUES AND OUTLOOK FOR FUTURE CAPITAL BUDGETS

We invest in capital projects to sustain and improve the community's quality of life, to further the Livable Tucson Goals. Our ability to meet the fiscal challenge of sufficient capital investments is influenced by changing needs and the reality of funding constraints. As we review this CIP, it is important to keep in mind issues that will inform future capital budgets.

Growth in the Houghton Road Corridor

In response to the Growing Smarter Act, the Arizona State Land Department issued a request for proposals for conceptual planning of a 7,742 acre parcel of state trust land along the Houghton Road, which is already within the city limits. A team of department directors has been working to determine the need for public services and facilities to serve the projected residential, commercial, and industrial development in the area. At Mayor and Council direction, a citizens Cost of Growth Task Force has also been investigating options for having the new development pay its fair share of any additional costs that would be attributable to the development. As the specifics of development in this and other growth areas become firmer, capital projects to serve those areas will be included in future CIPs.

Public Safety Issues

As the community grows the police and fire departments must expand and improve facilities, upgrade technology, and acquire additional vehicles. Over the next ten years, it is estimated that approximately \$59 million in capital improvements (primarily new substations and training facilities) will be needed in the police and fire departments to continue providing a high level of service to the community. Existing revenue sources, including the recently approved 2000 bonds, will cover only 42%, or \$25.4 million, of these needs. The remaining \$33.6 million is currently unfunded.

Not all of these unfunded public safety needs can reasonably be met with the next general obligation bond (GO) authorization. Given the current City Charter restriction on the property tax rate, it is anticipated that the city will have only \$50 million of GO bonding capacity available for the next bond election. That \$50 million will need to cover city needs beyond just public safety.

Solid Waste Management Concerns

The city is responsible for twenty-three landfills, one operating landfill—Los Reales—and twenty-two landfills no longer open for waste disposal. Maintaining landfill adequate capacity for the new waste disposal and ensuring that past waste disposal does not degrade air and water quality puts increasing demands on the city's limited fiscal resources. The costs to construct improvements and new lined landfill cells at Los Reales is estimated at \$21.7 million over the next ten years. Another \$12.8 million will be needed for the eventual closure of Los Reales. The city's other twenty-two landfills will require \$10.9 million for closures and technology to control their impact on the environment. Improved and new facilities for operational efficiencies will require another \$17.4 million.

These ten year needs total \$62.8 million, but only 18%, or \$11.5 million, is currently funded. While solid waste projects are eligible for GO bonding, the city will not have, as noted above, sufficient GO bond capacity in the next bond authorization to cover these unfunded needs.

An Aging Street System

The city's street infrastructure consists of 450 miles of major roadways and 1,400 miles of local residential streets. Many of these roadways and streets have exceeded their service life and carrying capacity, affecting traffic flow and maintenance costs. Residential streets are a particular challenge given that many of these streets are over 40 years old. Because only routine maintenance, such as crack and chip sealing has occurred, significant rehabilitation is needed in many older areas of the city. The highest priority street, street lighting, and traffic signal projects identified for the next ten years will require an investment of \$291.9 million. Existing revenue sources, including the 2000 bonds, will cover only \$189.1 million. The remaining 35%, or \$102.8 million, needed over the next ten years is unfunded.

It is estimated that Highway User Revenue Fund (HURF) revenues from state-shared gasoline taxes—which fund pay-as-you-go projects, repayment of bond-financed projects, and operating expenses—will not be enough to cover both capital and operating needs over the next ten years. In the past, the city had been spending less than was received in annual state-shared gasoline taxes, allowing a reserve to build up for future costs. However, beginning in Fiscal Year 2001, we have begun to spend down that reserve. It is estimated that the reserve and annual state-shared gasoline taxes will only be able to carry the city through Fiscal Year 2004. After that, without new funding resources, the city will be forced to make hard choices to meet both the needs to maintain existing roadways and to increase the traffic-carrying capacity of our street system.

Safe and Adequate Water Supply

Over the next ten years, it is estimated that Tucson Water will need to fund capital projects totaling \$541.9 million. However, \$166.2 million of the ten-year program is currently unfunded. Most of those unfunded needs (\$143.9 million) are for projects that will ensure a safe and adequate supply of potable water. While major projects to increase utilization of Colorado River water to meet potable demand are fully funded in this proposed CIP, additional projects for potable water source development, transmission, and distribution will be needed over the next ten years. Funding those needs will require new bond authorizations and additional system revenues.

It should be noted that the proposed five-year CIP includes only very limited capital funding associated with meeting more stringent federal water quality regulations. During January 2001, the Environmental Protection Agency (EPA) set a new standard for arsenic in drinking water at 10 parts per billion. Compliance with the new standard is required by January 2004. Tucson Water currently has seven wells (out of nearly 200 active wells) that will be impacted by the new standard and has estimated that it will have limited financial impact. However, the EPA continues to evaluate studies that will result in a new standard for radon in drinking water. Until that new standard is set, the cost of compliance cannot be estimated.

CONCLUSION

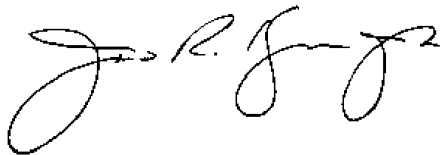
This capital program responds to presently identified capital improvement needs and addresses all legally mandated environmental projects for Fiscal Year 2002. Additional General Fund monies of approximately \$7 million have been set aside for the pay-as-you-go funding of high priority projects. However, the proposed five-year CIP does

exhaust current bond authorizations and the implementation of unfunded projects in this program will be constrained by limitations on bonding capacity and the city's fiscal ability to cover operating and maintenance costs from recurring funds.

On February 12, 2001 the Mayor and Council are scheduled to begin study session review of the CIP. The citizens' Bond Project Oversight Committee will present its semiannual report on the use of bond funds at the study session on February 26, 2001. On March 5, 2001 the Mayor and Council are scheduled to approve the Proposed Five-Year Capital Improvement Program. In June the first year of this CIP will be adopted as a part of the Fiscal Year 2002 Adopted Budget.

Putting together a budget that responsibly meets public needs involves the interplay of city staff, the governing body, and the citizens of Tucson. I look forward to the public discussions leading to the approval of a five-year capital improvement program that contributes to our community's quality of life.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "J. R. Keene". The signature is fluid and cursive, with a large initial "J" and a stylized "R".

James Keene
City Manager

JK:Ned Zolman, Director
Department of Budget and Research

ATTACHED TABLES

Table I, Five-Year Capital Improvement Program Summary by Department (page A-27)

Table II, Five-Year Capital Improvement Program Summary by Funding Source (page A-29).

Table III, Five-Year Capital Improvement Program Summary Operating Cost Impact on Recurring Revenue (page A-31).

Table IV, Five-Year Capital Improvement Program Summary Estimated Inflationary Impact (page A-32).

CAPITAL IMPROVEMENT PROGRAM

Department Percentage of Total Five-Year Funding

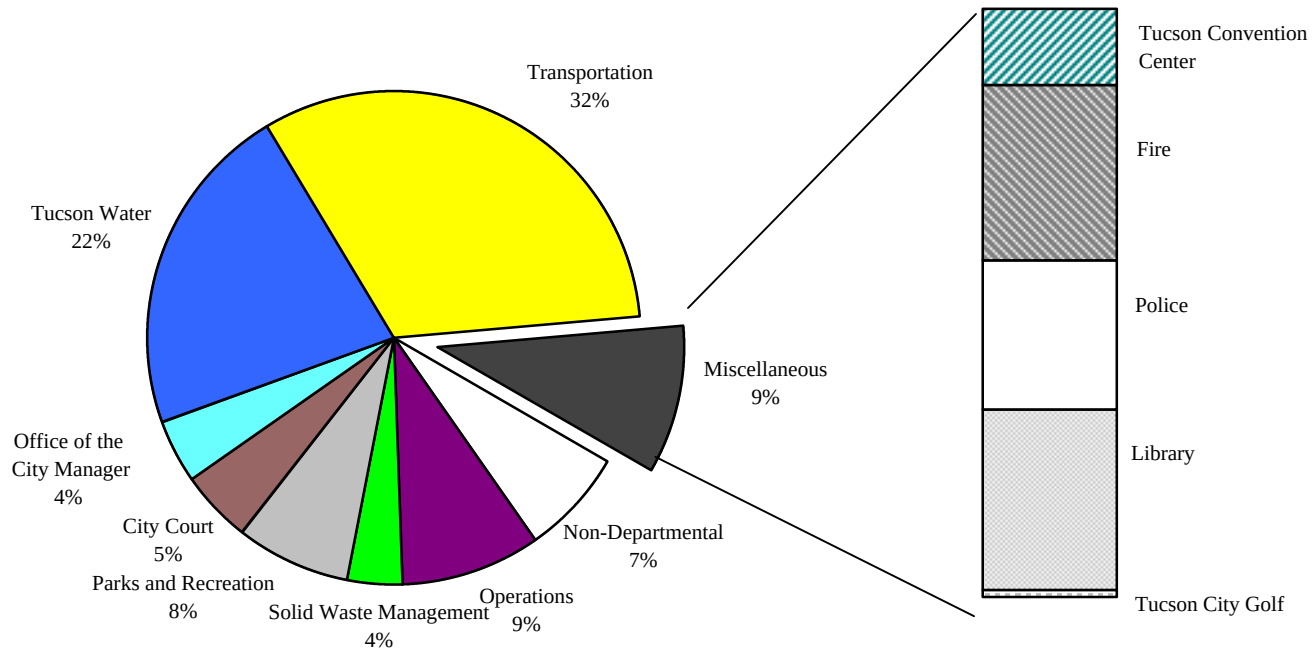


TABLE I
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY
BY DEPARTMENT
(\$000)

DEPARTMENT	PRIOR YEAR(S)	PROPOSED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Elected and Official	14,245.5	3,356.4	10,952.0	14,308.4	14,696.0	32,023.0	29,824.0	8,306.0	99,157.4	150.0	113,552.9
Office of the City Manager	13,414.5	3,356.4	10,375.0	13,731.4	8,585.0	9,895.0	7,014.0	7,035.0	46,260.4	150.0	59,824.9
City Court	831.0	-	577.0	577.0	6,111.0	22,128.0	22,810.0	1,271.0	52,897.0	-	53,728.0
Organizational Support	1,306.0	-	6,079.0	6,079.0	13,432.0	23,280.0	21,256.0	37,754.0	101,801.0	-	103,107.0
Operations	1,306.0	-	6,079.0	6,079.0	13,432.0	23,280.0	21,256.0	37,754.0	101,801.0	-	103,107.0
Public Safety	3,771.7	1,414.0	7,422.6	8,836.6	17,059.0	14,176.0	1,739.0	17,221.0	59,031.6	-	62,803.3
Police	261.0	-	1,402.0	1,402.0	7,637.0	-	874.0	17,221.0	27,134.0	-	27,395.0
Fire	3,510.7	1,414.0	6,020.6	7,434.6	9,422.0	14,176.0	865.0	-	31,897.6	-	35,408.3
Human Services	6,501.5	3,462.0	23,222.5	26,684.5	39,055.0	48,135.0	11,059.0	6,518.0	131,451.5	16,721.0	154,674.0
Tucson Convention Center	-	-	-	-	3,427.0	10,440.0	-	-	13,867.0	-	13,867.0
Library	2,170.0	-	7,080.0	7,080.0	10,852.0	14,933.0	-	-	32,865.0	-	35,035.0
Parks and Recreation	4,103.5	2,995.0	16,117.5	19,112.5	24,640.0	22,422.0	11,018.0	6,320.0	83,512.5	16,721.0	104,337.0
Tucson City Golf	228.0	467.0	25.0	492.0	136.0	340.0	41.0	198.0	1,207.0	-	1,435.0
Public Enterprises	127,514.7	35,582.7	123,746.0	159,328.7	136,610.0	136,335.0	114,957.0	88,142.0	635,372.7	322,179.0	1,085,066.4
Solid Waste Management	3,550.9	2,235.2	5,420.0	7,655.2	4,225.0	10,521.0	15,248.0	1,454.0	39,103.2	23,847.0	66,501.1
Transportation	47,766.5	28,651.7	66,993.0	95,644.7	78,887.0	81,389.0	54,930.0	41,142.0	351,992.7	76,910.0	476,669.2
Tucson Water	76,197.3	4,695.8	51,333.0	56,028.8	53,498.0	44,425.0	44,779.0	45,546.0	244,276.8	221,422.0	541,896.1
Non-Departmental	994.9	5,280.1	3,340.6	8,620.7	16,783.0	31,250.0	17,500.0	5,000.0	79,153.7	-	80,148.6
General Government	994.9	5,280.1	3,340.6	8,620.7	16,783.0	31,250.0	17,500.0	5,000.0	79,153.7	-	80,148.6
City Total	154,334.3	49,095.2	174,762.7	223,857.9	237,635.0	285,199.0	196,335.0	162,941.0	1,105,967.9	339,050.0	1,599,352.2
Non-City Funded	1,112.8	578.0	1,754.0	2,332.0	1,170.0	660.0	644.0	550.0	5,356.0	-	6,468.8
Assessments	1,112.8	578.0	1,754.0	2,332.0	1,170.0	660.0	644.0	550.0	5,356.0	-	6,468.8
Total	155,447.1	49,673.2	176,516.7	226,189.9	238,805.0	285,859.0	196,979.0	163,491.0	1,111,323.9	339,050.0	1,605,821.0

CAPITAL IMPROVEMENT PROGRAM

Funding Summary

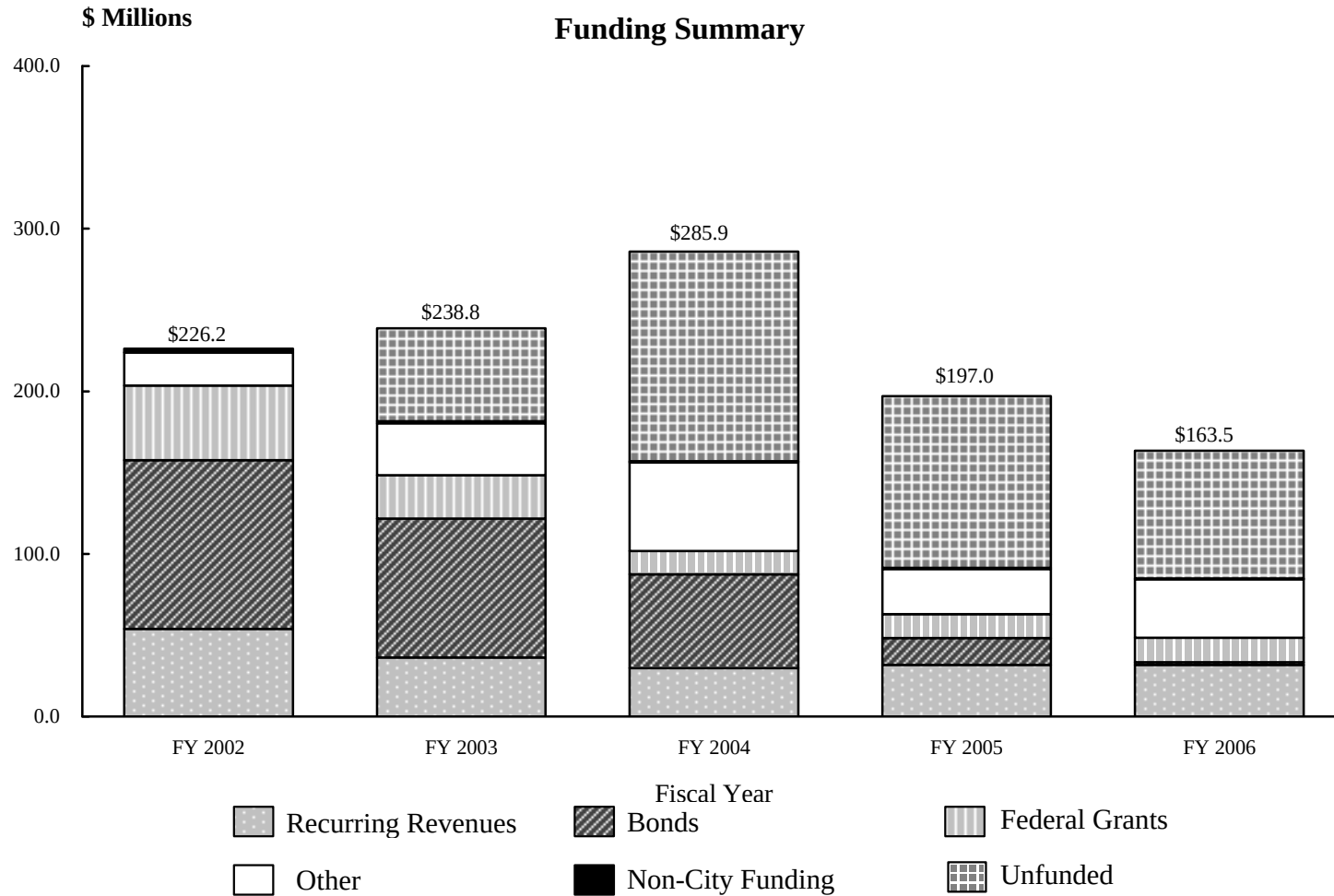


TABLE II
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY
BY FUNDING SOURCE
(\$000)

DEPARTMENT	PRIOR YEAR(S)	PROPOSED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Recurring Revenues	61,973.1	8,519.0	45,298.0	53,817.0	36,254.0	29,677.0	31,672.0	31,755.0	183,175.0	115,350.0	360,498.1
General Fund	4,654.3	2,975.0	9,507.0	12,482.0	5,329.0	3,252.0	3,255.0	3,360.0	27,678.0	-	32,332.3
Library Fund - Pima County Contribution	520.0	-	580.0	580.0	-	-	-	-	580.0	-	1,100.0
Solid Waste Management Fund	480.0	-	220.0	220.0	-	-	-	-	220.0	-	700.0
Highway User Revenue Fund	5,936.8	566.0	8,270.0	8,836.0	7,761.0	2,799.0	2,287.0	2,289.0	23,972.0	-	29,908.8
Highway User Revenue Fund - Restricted	6,616.1	-	-	-	-	-	-	-	-	-	6,616.1
Capital Contributions and Agreements	6,632.0	2,800.0	9,175.0	11,975.0	5,675.0	4,529.0	4,530.0	4,530.0	31,239.0	10,000.0	47,871.0
Mass Transit - Local Match	95.7	2,128.0	2,027.0	4,155.0	2,099.0	2,159.0	2,220.0	2,290.0	12,923.0	-	13,018.7
Central Arizona Project Reserve Fund	5,496.5	-	966.0	966.0	972.0	976.0	983.0	990.0	4,887.0	-	10,383.5
Golf Course Fund	145.0	50.0	25.0	75.0	136.0	340.0	41.0	198.0	790.0	-	935.0
Water Revenue and Operations Fund	31,396.7	-	14,528.0	14,528.0	14,282.0	15,622.0	18,356.0	18,098.0	80,886.0	105,350.0	217,632.7
Bonds	80,476.4	24,626.8	79,285.0	103,911.8	85,397.0	57,711.0	16,566.0	1,555.0	265,140.8	-	345,617.2
General Obligation Bonds	28,822.8	14,181.0	38,400.0	52,581.0	39,419.0	21,850.0	8,344.0	1,210.0	123,404.0	-	152,226.8
Street and Highway User Revenue Bonds	12,349.5	5,750.0	5,646.0	11,396.0	8,334.0	8,334.0	6,832.0	-	34,896.0	-	47,245.5
Water Infrastructure Finance Authori Fund	1,716.2	-	-	-	-	-	-	-	-	-	1,716.2
Water Revenue Bonds	37,587.9	4,695.8	35,239.0	39,934.8	37,644.0	27,527.0	1,390.0	345.0	106,840.8	-	144,428.7
Federal Grants	6,166.9	9,215.8	36,548.0	45,763.8	26,804.0	14,465.0	14,763.0	15,098.0	116,893.8	-	123,060.7
Mass Transit - Federal Grants	2,191.1	8,645.0	12,518.0	21,163.0	9,189.0	9,466.0	9,730.0	10,029.0	59,577.0	-	61,768.1
Federal Highway Administration Funds	2,659.0	47.0	22,580.0	22,627.0	16,165.0	3,549.0	3,583.0	3,619.0	49,543.0	-	52,202.0
Community Development Block Gra Miscellaneous Federal Grants	-	-	1,450.0	1,450.0	1,450.0	1,450.0	1,450.0	1,450.0	7,250.0	-	7,250.0
	1,316.8	523.8	-	523.8	-	-	-	-	523.8	-	1,840.6
Other	5,717.9	6,733.6	13,631.7	20,365.3	31,916.0	54,383.0	27,774.0	36,000.0	170,438.3	-	176,156.2
Certificates of Participation	1,704.2	2,767.0	1,375.4	4,142.4	16,402.0	31,250.0	17,500.0	5,000.0	74,294.4	-	75,998.6
Debt Financing	-	-	5,000.0	5,000.0	10,000.0	21,000.0	10,000.0	31,000.0	77,000.0	-	77,000.0
Environmental and Solid Waste Mandate Reserves	152.0	504.8	-	504.8	-	-	-	-	504.8	-	656.8
Pima County Bonds	1,742.5	2,600.0	5,686.5	8,286.5	4,214.0	1,133.0	274.0	-	13,907.5	-	15,650.0
Miscellaneous Non-Federal Grants	34.3	638.0	894.8	1,532.8	700.0	700.0	-	-	2,932.8	-	2,967.1
Bond Interest	2,084.9	223.8	675.0	898.8	600.0	300.0	-	-	1,798.8	-	3,883.7
Total City Funded	154,334.3	49,095.2	174,762.7	223,857.9	180,371.0	156,236.0	90,775.0	84,408.0	735,647.9	115,350.0	1,005,332.2

TABLE II
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY
BY FUNDING SOURCE
(\$000)

DEPARTMENT	PRIOR YEAR(S)	PROPOSED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded	-	-	-	-	57,264.0	128,963.0	105,560.0	78,533.0	370,320.0	223,700.0	594,020.0
Unfunded Requirements	-	-	-	-	57,264.0	128,963.0	105,560.0	78,533.0	370,320.0	223,700.0	594,020.0
City Total	154,334.3	49,095.2	174,762.7	223,857.9	237,635.0	285,199.0	196,335.0	162,941.0	1,105,967.9	339,050.0	1,599,352.2
Non-City Funded	1,112.8	578.0	1,754.0	2,332.0	1,170.0	660.0	644.0	550.0	5,356.0	-	6,468.8
Assessments	1,112.8	578.0	1,754.0	2,332.0	1,170.0	660.0	644.0	550.0	5,356.0	-	6,468.8
Total	155,447.1	49,673.2	176,516.7	226,189.9	238,805.0	285,859.0	196,979.0	163,491.0	1,111,323.9	339,050.0	1,605,821.0

TABLE III
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY
OPERATING COST IMPACT ON RECURRING REVENUE
(\$000)

DEPARTMENT	PROPOSED YEAR 1 FY 2002	PROJECTED REQUIREMENTS				FIVE YEAR TOTAL
		YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006	
ELECTED AND OFFICIAL	810.0	810.0	930.0	930.0	930.0	4,410.0
Office of the City Manager	810.0	810.0	930.0	930.0	930.0	4,410.0
ORGANIZATIONAL SUPPORT	-	-	6.0	320.0	320.0	646.0
Operations	-	-	6.0	320.0	320.0	646.0
PUBLIC SAFETY	1,388.4	3,016.3	5,747.3	7,995.3	8,408.8	26,556.1
Police	-	-	82.2	82.2	82.2	246.6
Fire	1,388.4	3,016.3	5,665.1	7,913.1	8,326.6	26,309.5
HUMAN SERVICES	-	2,453.0	5,143.0	8,108.8	8,148.8	23,853.6
Tucson Convention Center	-	-	-	612.0	612.0	1,224.0
Library	-	1,741.0	2,741.0	4,241.0	4,241.0	12,964.0
Parks and Recreation	-	712.0	2,402.0	3,255.8	3,295.8	9,665.6
PUBLIC ENTERPRISES	-	8,573.6	11,243.8	11,901.6	12,324.8	44,085.8
Solid Waste Management	-	50.0	70.0	110.0	247.0	477.0
Transportation	-	(22.4)	(49.2)	223.6	242.8	436.8
Tucson Water	-	8,546.0	11,223.0	11,568.0	11,835.0	43,172.0
DEBT SERVICE	6,007.7	13,913.7	20,366.7	25,490.7	30,118.7	95,897.5
Non-Bonded Debt	1,245.7	2,189.7	4,171.7	5,115.7	8,045.7	20,768.5
General Obligation Bonds	3,300.0	7,150.0	8,560.0	10,040.0	10,040.0	39,090.0
Street and Highway User Revenue Bonds	1,044.0	1,670.0	2,430.0	3,180.0	3,180.0	11,504.0
Water Revenue Bonds	418.0	2,904.0	5,205.0	7,155.0	8,853.0	24,535.0
TOTAL	8,206.1	28,766.6	43,436.8	54,746.4	60,251.1	195,449.0

Assumptions for new bond sales:

1. Sales of bonds and non-bonded debt are based on the Capital Improvement Program. Actual sales will depend on project needs, assessed valuation, Street and Highway User Revenues, Water Revenues, and interest rates.
2. General Obligation Bonds are estimated to be sold at 6.5% for a 20 year term.
3. Street and Highway User Revenue bonds are estimated to be sold at 6.5% for a 20 year term.
4. Water Revenue Bonds are estimated to be sold at 6.5% for a 25 year term.

TABLE IV
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY
ESTIMATED INFLATIONARY IMPACT
(\$000)

DEPARTMENT	PROPOSED	PROJECTED REQUIREMENTS				FIVE	FUTURE	TOTAL
	YEAR 1 FY 2002	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006	YEAR TOTAL		
ELECTED AND OFFICIAL	-	82.0	236.5	106.0	141.0	565.5	21.0	586.5
Office of the City Manager	-	82.0	236.5	106.0	141.0	565.5	21.0	586.5
ORGANIZATIONAL SUPPORT	-	549.0	730.0	1,656.0	754.0	3,689.0	-	3,689.0
Operations	-	549.0	730.0	1,656.0	754.0	3,689.0	-	3,689.0
PUBLIC SAFETY	-	496.7	815.0	147.0	1,921.0	3,379.7	-	3,379.7
Police	-	222.0	-	74.0	1,921.0	2,217.0	-	2,217.0
Fire	-	274.7	815.0	73.0	-	1,162.7	-	1,162.7
HUMAN SERVICES	-	1,137.5	2,761.7	939.0	725.0	5,563.2	2,297.5	7,860.7
Tucson Convention Center	-	101.0	600.0	-	-	701.0	-	701.0
Library	-	316.0	857.0	-	-	1,173.0	-	1,173.0
Parks and Recreation	-	716.5	1,285.7	935.5	703.0	3,640.7	2,297.5	5,938.2
Tucson City Golf	-	4.0	19.0	3.5	22.0	48.5	-	48.5
PUBLIC ENTERPRISES	-	5,379.3	10,183.9	13,452.7	9,887.3	38,903.2	62,289.5	101,192.7
Solid Waste Management	-	123.0	602.5	1,293.5	162.0	2,181.0	3,276.0	5,457.0
Transportation	-	2,337.8	4,711.4	4,717.0	4,647.8	16,414.0	10,567.0	26,981.0
Tucson Water	-	2,918.5	4,870.0	7,442.2	5,077.5	20,308.2	48,446.5	68,754.7
NON-DEPARTMENTAL	-	488.6	1,794.0	1,485.0	558.0	4,325.6	-	4,325.6
General Government	-	488.6	1,794.0	1,485.0	558.0	4,325.6	-	4,325.6
TOTAL	-	8,133.1	16,521.1	17,785.7	13,986.3	56,426.2	64,608.0	121,034.2

Note: Fiscal Year 2002 is the base year and is not inflated.

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

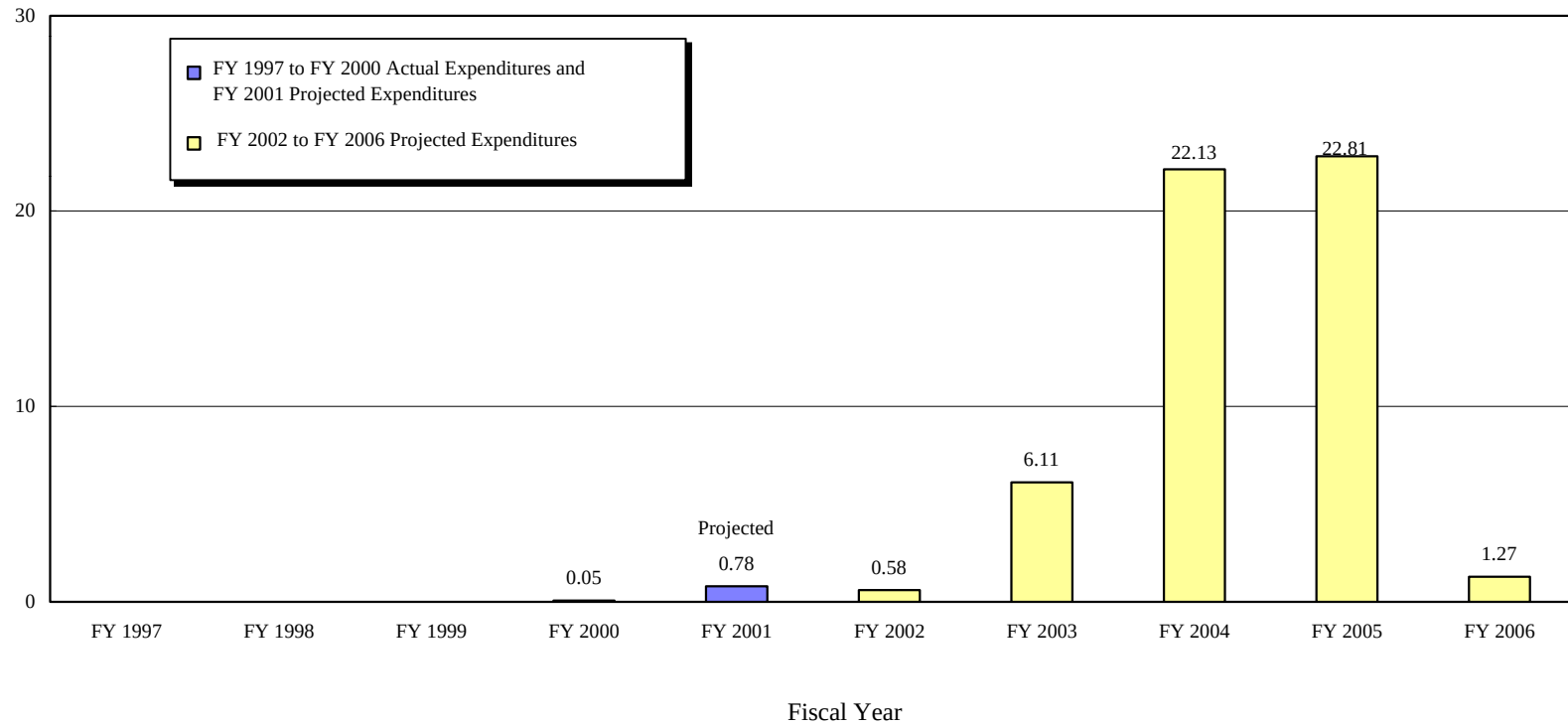
FY 2002 THROUGH FY 2006

DEPARTMENT: City Court

FIVE-YEAR TOTAL: \$ 52,897,000

The City Court Capital Improvement Program addresses the needs of an expanding court. Remodeling of the first floor of the City Court building will provide an expanded area to serve the public, as well as relocating the Domestic Violence unit to more suitable space. This project was funded for \$831,000 through Fiscal Year 2001 using the General Fund. The engineering and design work for the project revealed that an additional \$577,000 from the General Fund will be needed to complete the project in Fiscal Year 2002. Over the long term, the needs of City Court can only be met by a new court building to replace the current facility. The estimated cost is \$52.3 million. At this time no funding has been identified for this project.

**Capital Improvements
Ten-Year Comparison
City Court
(\$ Millions)**



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

City Court
DEPARTMENT

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
City Court Remodel	B - 4	831.0	-	577.0	577.0	-	-	-	-	577.0	-	1,408.0
General Fund		831.0	-	577.0	577.0	-	-	-	-	577.0	-	1,408.0
New City Court Building	B - 4	-	-	-	-	6,111.0	22,128.0	22,810.0	1,271.0	52,320.0	-	52,320.0
Unfunded Requirements		-	-	-	-	6,111.0	22,128.0	22,810.0	1,271.0	52,320.0	-	52,320.0
TOTAL		831.0	-	577.0	577.0	6,111.0	22,128.0	22,810.0	1,271.0	52,897.0	-	53,728.0
Source of Funds	Fund No.											
General Fund	01	831.0	-	577.0	577.0	-	-	-	-	577.0	-	1,408.0
Unfunded Requirements	100	-	-	-	-	6,111.0	22,128.0	22,810.0	1,271.0	52,320.0	-	52,320.0
TOTAL		831.0	-	577.0	577.0	6,111.0	22,128.0	22,810.0	1,271.0	52,897.0	-	53,728.0
Inflation Adjustment				-	-	178.0	1,270.0	1,936.0	142.0	3,526.0	-	3,526.0
Annual Operating Cost				-	-	100.0	100.0	100.0	100.0	400.0		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: City Court (1400) PROJECT TITLE: City Court Remodel DESCRIPTION: Remodel the first floor of the City Court building to enlarge the public service area, relocate the Domestic Violence Unit to the first floor, and make other modifications that will enable the court to more effectively serve the public.						WARD: 6 START DATE: 7/99 END DATE: 6/02				PROJECT NUMBER: C101 <u>ESTIMATED PROJECT COST</u> DESIGN 214.8 RIGHT-OF-WAY - CONSTRUCTION 1,062.7 OTHER 130.5 INFLATION - PROJECT TOTAL 1,408.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	831.0	-	577.0	577.0	-	-	-	-	577.0	-	1,408.0
TOTAL		831.0	-	577.0	577.0	-	-	-	-	577.0	-	1,408.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	100.0	100.0	100.0	100.0	400.0

DEPARTMENT: City Court (1400) PROJECT TITLE: New City Court Building DESCRIPTION: Design and construct a new 260,000 square foot court building to replace the existing City Court building. The new facility would have 19 courtrooms and provide space for all support services. The total project cost includes land acquisition and below-grade parking for approximately 600 cars.						WARD: Citywide START DATE: 7/02 END DATE: 6/06				PROJECT NUMBER: C102 <u>ESTIMATED PROJECT COST</u> DESIGN 3,622.0 RIGHT-OF-WAY 2,843.0 CONSTRUCTION 42,329.0 OTHER - INFLATION 3,526.0 PROJECT TOTAL 52,320.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	6,111.0	22,128.0	22,810.0	1,271.0	52,320.0	-	52,320.0
TOTAL		-	-	-	-	6,111.0	22,128.0	22,810.0	1,271.0	52,320.0	-	52,320.0
INFLATION ADJUSTMENT:						178.0	1,270.0	1,936.0	142.0	3,526.0	-	3,526.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Fire

FIVE YEAR TOTAL: \$ 33,542,200

The Fire Department's Capital Improvement Program (CIP) establishes improvements needed to sustain adequate levels of emergency services for the fire protection and medical needs of the City of Tucson. Funded projects include the following:

- Construction of an aircraft rescue fire fighting facility on the Public Safety Training Academy grounds for use as a regional training facility for airport firefighters.
- Upgraded replacement of mobile data terminals in fire apparatus and paramedic vehicles.
- Construction of four multi-company fire stations in various parts of the city to provide adequate coverage.
- Design and construction of improvements to Fire Headquarters, Fire Maintenance facility, and Fire Station 7 to provide adequate work space for personnel and storage space for equipment and apparatus.
- Remodeling of the Fire Prevention Center restroom to make it compliant with Americans with Disabilities Act regulations

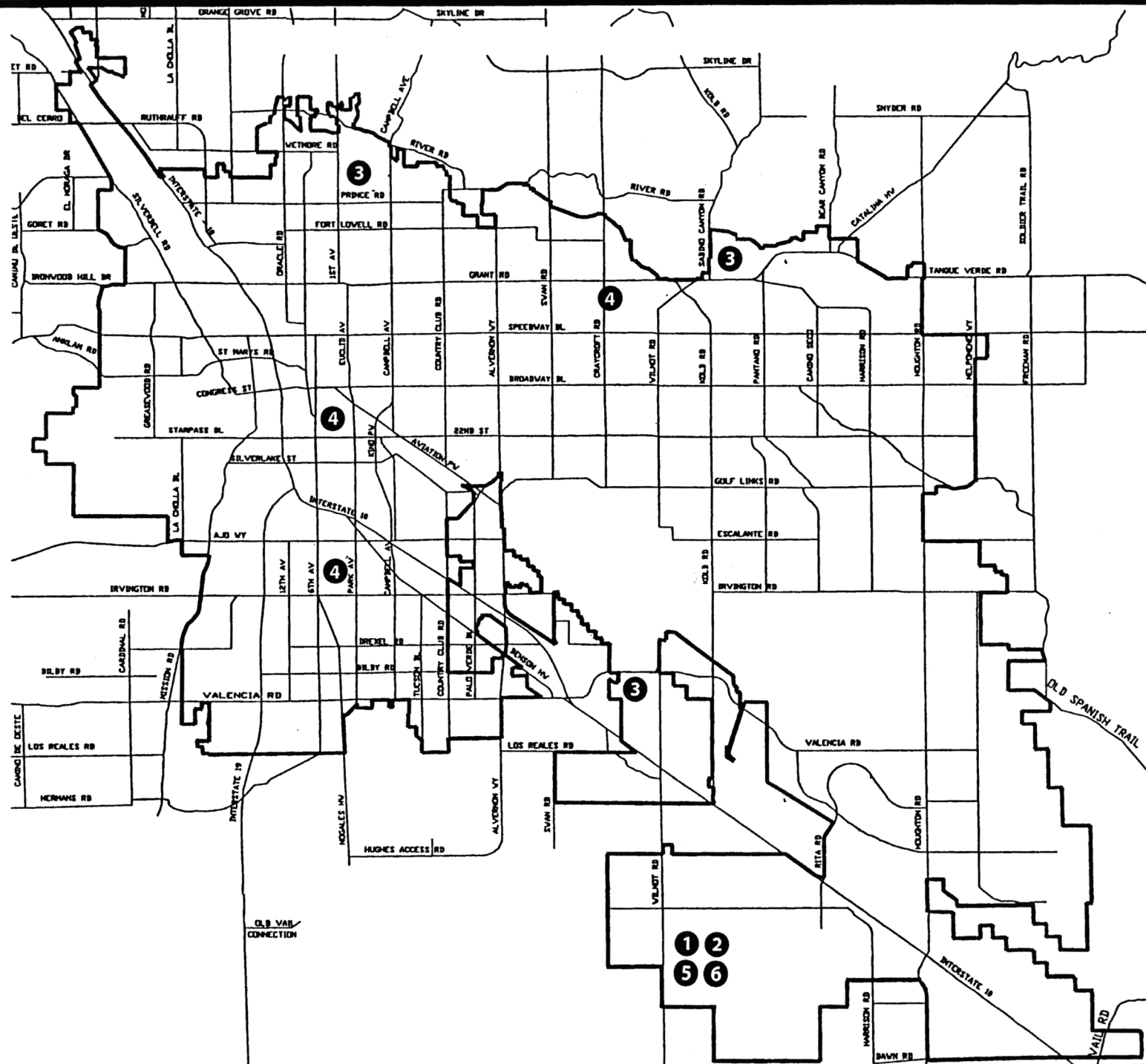
Unfunded projects include the following:

- An additional fire station whose location will be dictated by annexation progress.
- Expansion of the Public Safety Training Academy to include more classroom space and firefighting training props.
- Road improvements at the Public Safety Training Academy.

The five-year CIP consists of \$3.06 million of carryforward, \$14.98 million of new funding, and \$15.50 million of unfunded requirements. The operating budget impact of this program is projected to be \$0.93 million in Fiscal Year 2002, increasing to \$8.33 million in Fiscal Year 2006.



The recently completed Fire Station 19, located at Rita Ranch, is similar in design to the new fire stations that will be built as part of this CIP.



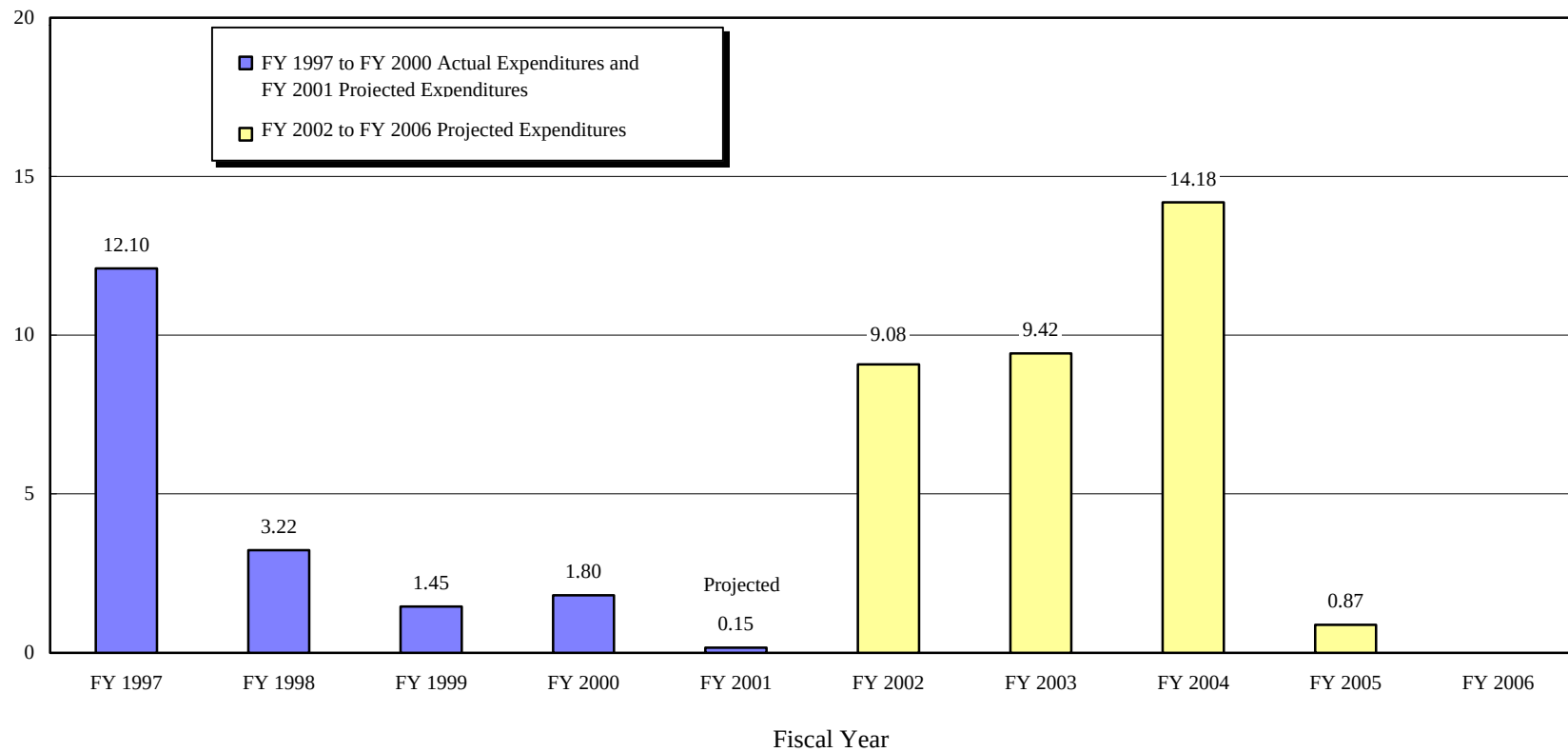
Fire

CAPITAL PROJECTS LOCATIONS

Fire

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Aircraft Rescue and Firefighting Facility	FY 2002	4. Support Facility Improvements	FY 2003
2. New Fire Station 6 - Public Safety Training Academy	FY 2002	5. Public Safety Training Academy Expansion	FY 2004
3. New Fire Stations - Annexation and Infill	FY 2004	6. Public Safety Training Academy Road Improvements	FY 2004

**Capital Improvements
Ten-Year Comparison
Fire
(\$ Millions)**



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

Fire
DEPARTMENT

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Aircraft Rescue and Firefighting Facility	B - 11	1,371.5	594.9	44.8	639.7	-	-	-	-	639.7	-	2,011.2
Miscellaneous Non-Federal Grants		3.4	30.9	44.8	75.7	-	-	-	-	75.7	-	79.1
Miscellaneous Federal Grants		1,316.8	523.8	-	523.8	-	-	-	-	523.8	-	1,840.6
1984 General Obligation Bonds		51.3	40.2	-	40.2	-	-	-	-	40.2	-	91.5
Mobile Data Terminal Upgrades	B - 11	-	850.0	-	850.0	-	-	-	-	850.0	-	850.0
General Fund - Certificates of Participation		-	850.0	-	850.0	-	-	-	-	850.0	-	850.0
New Fire Station - Annexations	B - 12	-	-	-	-	-	3,513.0	865.0	-	4,378.0	-	4,378.0
Unfunded Requirements		-	-	-	-	-	3,513.0	865.0	-	4,378.0	-	4,378.0
New Fire Station 6 - Public Safety Training Academy	B - 12	74.9	1,613.7	678.8	2,292.5	-	-	-	-	2,292.5	-	2,367.4
General Fund - Certificates of Participation		7.5	1,613.7	678.8	2,292.5	-	-	-	-	2,292.5	-	2,300.0
1994 General Obligation Bonds - Series E Interest		67.4	-	-	-	-	-	-	-	-	-	67.4
New Fire Stations - Annexations and Infill	B - 13	-	-	4,211.0	4,211.0	6,522.0	1,217.0	-	-	11,950.0	-	11,950.0
2000 General Obligation Bonds		-	-	4,211.0	4,211.0	6,522.0	1,217.0	-	-	11,950.0	-	11,950.0
Public Safety Training Academy Expansion	B - 13	-	-	-	-	1,590.0	8,879.0	-	-	10,469.0	-	10,469.0
Unfunded Requirements		-	-	-	-	1,590.0	8,879.0	-	-	10,469.0	-	10,469.0
Public Safety Training Academy Road Improvements	B - 14	-	-	-	-	90.0	567.0	-	-	657.0	-	657.0
Unfunded Requirements		-	-	-	-	90.0	567.0	-	-	657.0	-	657.0
Remodel of Fire Prevention Center Restroom	B - 14	-	-	75.0	75.0	-	-	-	-	75.0	-	75.0
1994 General Obligation Bonds - Series B Interest		-	-	75.0	75.0	-	-	-	-	75.0	-	75.0
Support Facility Improvements	B - 15	419.7	-	1,011.0	1,011.0	1,220.0	-	-	-	2,231.0	-	2,650.7
1984 General Obligation Bonds		100.7	-	-	-	-	-	-	-	-	-	100.7
2000 General Obligation Bonds		319.0	-	1,011.0	1,011.0	1,220.0	-	-	-	2,231.0	-	2,550.0
TOTAL		1,866.1	3,058.6	6,020.6	9,079.2	9,422.0	14,176.0	865.0	-	33,542.2	-	35,408.3

Fire
DEPARTMENT

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
<u>Source of Funds</u>	<u>Fund No.</u>											
General Fund - Certificates of Participation	01V	7.5	2,463.7	678.8	3,142.5	-	-	-	-	3,142.5	-	3,150.0
Miscellaneous Non-Federal Grants	93	3.4	30.9	44.8	75.7	-	-	-	-	75.7	-	79.1
Miscellaneous Federal Grants	92	1,316.8	523.8	-	523.8	-	-	-	-	523.8	-	1,840.6
1984 General Obligation Bonds	46	152.0	40.2	-	40.2	-	-	-	-	40.2	-	192.2
1994 General Obligation Bonds - Series B Interest	37I	-	-	75.0	75.0	-	-	-	-	75.0	-	75.0
1994 General Obligation Bonds - Series E Interest	44I	67.4	-	-	-	-	-	-	-	-	-	67.4
2000 General Obligation Bonds	40	319.0	-	5,222.0	5,222.0	7,742.0	1,217.0	-	-	14,181.0	-	14,500.0
Unfunded Requirements	100	-	-	-	-	1,680.0	12,959.0	865.0	-	15,504.0	-	15,504.0
TOTAL		1,866.1	3,058.6	6,020.6	9,079.2	9,422.0	14,176.0	865.0	-	33,542.2	-	35,408.3
Inflation Adjustment					-	274.7	815.0	73.0	-	1,162.7	-	1,162.7
Annual Operating Cost					925.6	3,016.3	5,665.1	7,913.1	8,326.6	25,846.7		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Fire (3091) PROJECT TITLE: Aircraft Rescue and Firefighting Facility DESCRIPTION: Construct a regional Airport Rescue and Firefighting Facility (ARFF) at the new Public Safety Training Academy site. This facility will provide training for regional airport firefighters who are required to train in actual live fires at least once per year. The Tucson Fire Department will offer additional firefighting courses to the participants. This project is funded by the Federal Aviation Administration and the Arizona Department of Transportation, with the city providing the balance of the funds.						WARD: 4 START DATE: 7/97 END DATE: 4/02				PROJECT NUMBER: F966 <u>ESTIMATED PROJECT COST</u> DESIGN 42.8 RIGHT-OF-WAY - CONSTRUCTION 1,968.3 OTHER 0.1 INFLATION - PROJECT TOTAL 2,011.2		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Miscellaneous Non-Federal Grants	93	3.4	30.9	44.8	75.7	-	-	-	-	75.7	-	79.1
Miscellaneous Federal Grants	92	1,316.8	523.8	-	523.8	-	-	-	-	523.8	-	1,840.6
1984 General Obligation Bonds	46	51.3	40.2	-	40.2	-	-	-	-	40.2	-	91.5
TOTAL		1,371.5	594.9	44.8	639.7	-	-	-	-	639.7	-	2,011.2
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						80.6	80.6	265.7	265.7	265.7	265.7	1,143.4

DEPARTMENT: Fire (3091) PROJECT TITLE: Mobile Data Terminal Upgrades DESCRIPTION: Replace outdated mobile data terminals with state-of-the-art units in fire apparatus, medic trucks, and response vehicles.						WARD: Citywide START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: F904 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 850.0 INFLATION - PROJECT TOTAL 850.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund - Certificates of Participation	01V	-	850.0	-	850.0	-	-	-	-	850.0	-	850.0
TOTAL		-	850.0	-	850.0	-	-	-	-	850.0	-	850.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Fire (3091)						WARD: Citywide START DATE: 7/03 END DATE: 12/04				PROJECT NUMBER: F907 <u>ESTIMATED PROJECT COST</u> DESIGN 287.0 RIGHT-OF-WAY 821.0 CONSTRUCTION 1,805.0 OTHER 1,190.0 INFLATION 275.0 PROJECT TOTAL 4,378.0		
PROJECT TITLE: New Fire Station - Annexations DESCRIPTION: Design and construct a new fire station based on city annexations and growth. Projected costs include apparatus and other equipment anticipated for the station.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	3,513.0	865.0	-	4,378.0	-	4,378.0
TOTAL			-	-	-	-	3,513.0	865.0	-	4,378.0	-	4,378.0
INFLATION ADJUSTMENT:						-	202.0	73.0	-	275.0	-	275.0
ANNUAL OPERATING COST:						-	-	468.1	876.6	1,344.7		

DEPARTMENT: Fire (3091)						WARD: 4 START DATE: 4/00 END DATE: 6/02				PROJECT NUMBER: F908 <u>ESTIMATED PROJECT COST</u> DESIGN 389.6 RIGHT-OF-WAY - CONSTRUCTION 999.6 OTHER 978.2 INFLATION - PROJECT TOTAL 2,367.4		
PROJECT TITLE: New Fire Station 6 - Public Safety Training Academy DESCRIPTION: Design and construct a new fire station based on city annexation in the southeast portion of the city. Projected costs include apparatus and other equipment anticipated for the station, which will be located at the Public Safety Training Academy.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund - Certificates of Participation	01V	7.5	1,613.7	678.8	2,292.5	-	-	-	-	2,292.5	-	2,300.0
1994 General Obligation Bonds - Series E Interest	44I	67.4	-	-	-	-	-	-	-	-	-	67.4
TOTAL			74.9	1,613.7	678.8	-	-	-	-	2,292.5	-	2,367.4
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						800.0	800.0	1,850.1	1,905.6	1,962.8	1,962.8	8,481.3

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Fire (3091)						WARD: 1 or 4, 2, 6				PROJECT NUMBER: F902					
PROJECT TITLE: New Fire Stations - Annexations and Infill						START DATE: 7/01									
DESCRIPTION: Design and construct three new fire stations based on city annexations and growth within current city limits (\$7,700,000 for two infill stations and \$4,250,000 for one annexation station). Projected costs include apparatus and other equipment anticipated for each station.						END DATE: 6/04				<u>ESTIMATED PROJECT COST</u>					
										DESIGN 996.2					
										RIGHT-OF-WAY 2,552.4					
										CONSTRUCTION 4,641.4					
										OTHER 3,500.3					
										INFLATION 259.7					
										PROJECT TOTAL 11,950.0					
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT			
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006						
2000 General Obligation Bonds	40	-	-	4,211.0	4,211.0	6,522.0	1,217.0	-	-	11,950.0	-	11,950.0			
TOTAL			-	-	4,211.0	4,211.0	6,522.0	1,217.0	-	-	11,950.0	-	11,950.0		
INFLATION ADJUSTMENT:						189.7		70.0		259.7		-	259.7		
ANNUAL OPERATING COST:						-		-		850.5		3,402.3	5,103.4	5,103.4	14,459.6

DEPARTMENT: Fire (3091)						WARD: 4				PROJECT NUMBER: F903				
PROJECT TITLE: Public Safety Training Academy Expansion						START DATE: 7/02								
DESCRIPTION: Design and construct additions to the Public Safety Training Academy to provide expanded classrooms, props, a test pit, and other fire training facilities.						END DATE: 6/04				<u>ESTIMATED PROJECT COST</u>				
										DESIGN 1,388.0				
										RIGHT-OF-WAY -				
										CONSTRUCTION 8,426.0				
										OTHER 99.0				
										INFLATION 556.0				
										PROJECT TOTAL 10,469.0				
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT		
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006					
Unfunded Requirements	100	-	-	-	-	1,590.0	8,879.0	-	-	10,469.0	-	10,469.0		
TOTAL			-	-	-	1,590.0	8,879.0	-	-	10,469.0	-	10,469.0		
INFLATION ADJUSTMENT:						46.0		510.0		556.0		-	556.0	
ANNUAL OPERATING COST:						-		-		40.0		60.0	65.0	165.0

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Fire (3091)										WARD: 4 START DATE: 7/02 END DATE: 6/04		PROJECT NUMBER: F909
PROJECT TITLE: Public Safety Training Academy Road Improvements DESCRIPTION: Design and construct improvements to existing roads, rebuild a road over a wash, and install cattle guards.										ESTIMATED PROJECT COST DESIGN 87.0 RIGHT-OF-WAY - CONSTRUCTION 469.0 OTHER 65.0 INFLATION 36.0 PROJECT TOTAL 657.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	90.0	567.0	-	-	657.0	-	657.0
TOTAL		-	-	-	-	90.0	567.0	-	-	657.0	-	657.0
INFLATION ADJUSTMENT:						3.0	33.0	-	-	36.0	-	36.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Fire (3091)										WARD: 5 START DATE: 7/01 END DATE: 6/02		PROJECT NUMBER: F910
PROJECT TITLE: Remodel of Fire Prevention Center Restroom DESCRIPTION: Remodel an existing public restroom facility at the Fire Prevention Center to make it compliant with Americans with Disabilities Act (ADA) regulations. The design phase has been completed.										ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION 67.5 OTHER 7.5 INFLATION - PROJECT TOTAL 75.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 General Obligation Bonds - Series B Interest	37I	-	-	75.0	75.0	-	-	-	-	75.0	-	75.0
TOTAL		-	-	75.0	75.0	-	-	-	-	75.0	-	75.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Fire (3091) PROJECT TITLE: Support Facility Improvements DESCRIPTION: Design and construct improvements to Fire Department support facilities to meet future demand and improve space utilization at Fire Headquarters, Fire Maintenance Facility, and Fire Station 7.						WARD: 1, 5, 6 START DATE: 7/00 END DATE: 6/03				PROJECT NUMBER: F901 ESTIMATED PROJECT COST DESIGN 366.6 RIGHT-OF-WAY - CONSTRUCTION 2,122.1 OTHER 126.0 INFLATION 36.0 PROJECT TOTAL 2,650.7		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1984 General Obligation Bonds	46	100.7	-	-	-	-	-	-	-	-	-	100.7
2000 General Obligation Bonds	40	319.0	-	1,011.0	1,011.0	1,220.0	-	-	-	2,231.0	-	2,550.0
TOTAL			-	1,011.0	1,011.0	1,220.0	-	-	-	2,231.0	-	2,650.7
INFLATION ADJUSTMENT:						36.0	-	-	-	36.0	-	36.0
ANNUAL OPERATING COST:				45.0	45.0	50.0	51.5	53.1	53.1	252.7		

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Library

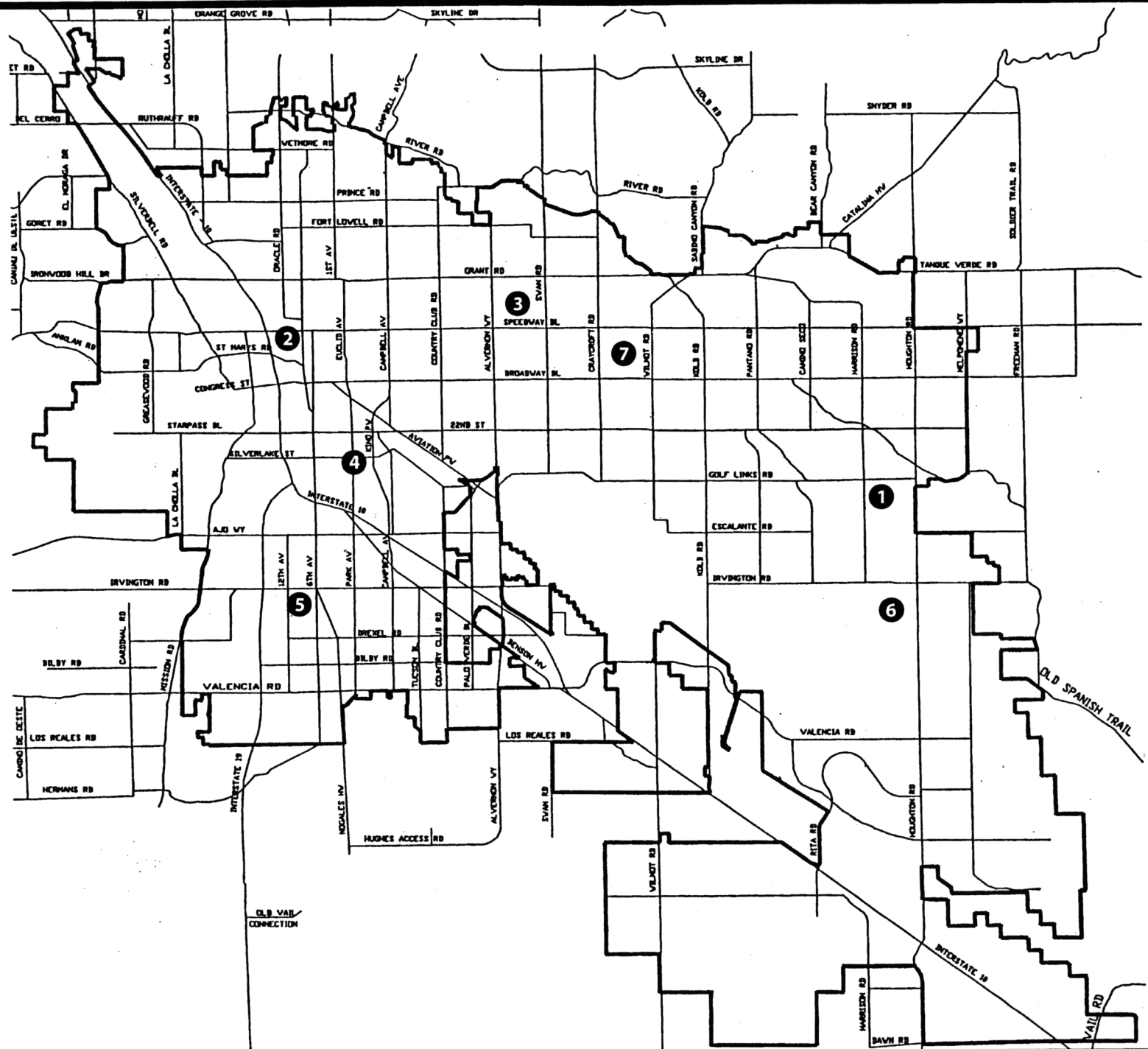
FIVE-YEAR TOTAL: \$ 33,315,000

The Library Department's Capital Improvement Program (CIP) addresses the needs to maintain the viability of library services provided at existing branches and to provide access to library services in newly developing areas of the community. To meet those needs, the Library Department's CIP provides for the renovation of existing facilities and the construction of new facilities.

The funded portion of the Library's five-year program totals \$7.5 million and includes projects that expand the George Miller-Golf Links Library and the El Pueblo Neighborhood Center Library, construct two new facilities (Quincie Douglas Center and Midtown Library Neighborhood Center), and address parking garage settlement problems at the Main Library. The George Miller-Golf Links Library expansion and the new Quincie Douglas Library are funded with \$4.1 million from the 2000 bond program. The Midtown Library Neighborhood Center is funded with \$2.0 million from Pima County bonds, \$0.5 million from the city's 2000 bonds, and \$0.2 million from miscellaneous non-federal grants. The El Pueblo Neighborhood Center Library expansion is funded from Pima County Library District funds of \$80,000. Improvements to the Main Library parking garage are funded with \$0.7 million in bond fund interest earnings.

Unfunded projects totaling \$25.8 million are as follows: the addition of a 25,000 square foot area library (possibly a joint public/high school library) in the Rita Ranch/Vail area (\$7.9 million), a new 40,000 square foot replacement facility for the Wilmot Library (\$13.8 million), and the redesign and reconstruction of the Main Library Plaza (\$4.1 million).

The projected impact on operating costs range from \$1.7 million in Fiscal Year 2003, increasing to \$4.2 million in Fiscal Year 2006.



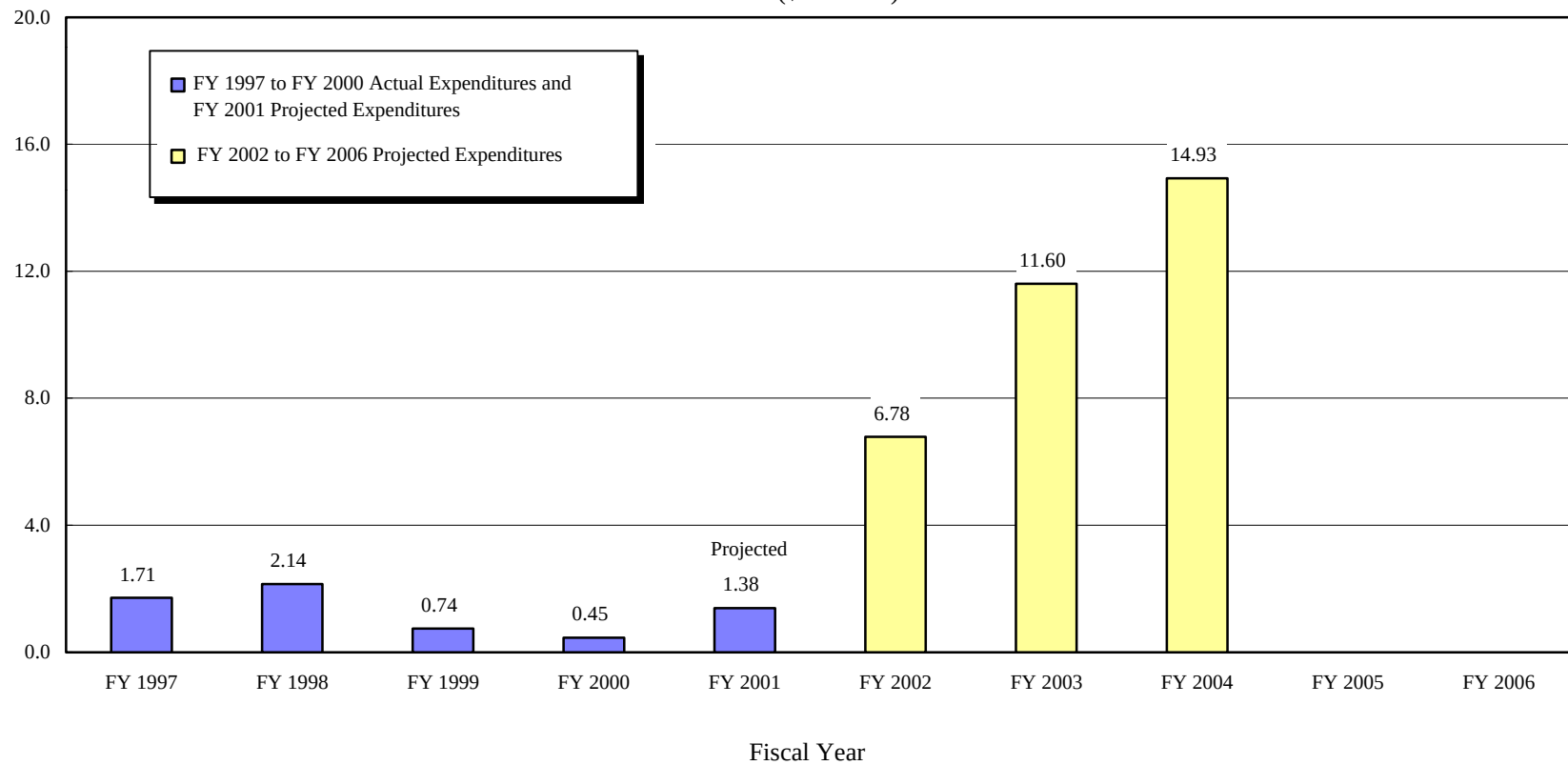
Library

CAPITAL PROJECTS LOCATIONS

Library

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. George Miller-Golf Links Library Expansion	FY 2002	5. El Pueblo Neighborhood Center Library	FY 2002
2. Main Library Plaza Improvements	FY 2004	6. Rita Ranch/Vail Area Library	FY 2003
3. Midtown Library and Learning Center	FY 2003	7. Wilmot Branch Library	FY 2004
4. Quincie Douglas Center Library	FY 2002		

**Capital Improvements
Ten-Year Comparison
Library
(\$ Millions)**



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

Library
DEPARTMENT

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
El Pueblo Neighborhood Center Library	B - 22	520.0	-	80.0	80.0	-	-	-	-	80.0	-	600.0
Library Fund - Pima County Contribution		520.0	-	80.0	80.0	-	-	-	-	80.0	-	600.0
George Miller-Golf Links Library Expansion	B - 22	150.0	-	1,400.0	1,400.0	-	-	-	-	1,400.0	-	1,550.0
2000 General Obligation Bonds		150.0	-	1,400.0	1,400.0	-	-	-	-	1,400.0	-	1,550.0
Main Library Plaza Improvements	B - 23	-	-	700.0	700.0	2,987.0	1,113.0	-	-	4,800.0	-	4,800.0
1994 General Obligation Bonds - Series B Interest		-	-	86.0	86.0	-	-	-	-	86.0	-	86.0
1994 General Obligation Bonds - Series D Interest		-	-	215.0	215.0	-	-	-	-	215.0	-	215.0
1994 General Obligation Bonds - Series E Interest		-	-	399.0	399.0	-	-	-	-	399.0	-	399.0
Unfunded Requirements		-	-	-	-	2,987.0	1,113.0	-	-	4,100.0	-	4,100.0
Midtown Library and Learning Center	B - 23	-	-	1,850.0	1,850.0	750.0	-	-	-	2,600.0	-	2,600.0
Miscellaneous Non-Federal Grants		-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
Pima County Bonds		-	-	1,250.0	1,250.0	750.0	-	-	-	2,000.0	-	2,000.0
2000 General Obligation Bonds		-	-	450.0	450.0	-	-	-	-	450.0	-	450.0
Quincie Douglas Center Library	B - 24	750.0	-	2,750.0	2,750.0	-	-	-	-	2,750.0	-	3,500.0
2000 General Obligation Bonds		750.0	-	2,750.0	2,750.0	-	-	-	-	2,750.0	-	3,500.0
Rita Ranch/Vail Area Library	B - 24	-	-	-	-	7,865.0	-	-	-	7,865.0	-	7,865.0
Unfunded Requirements		-	-	-	-	7,865.0	-	-	-	7,865.0	-	7,865.0
Wilmot Branch Library Replacement	B - 25	-	-	-	-	-	13,820.0	-	-	13,820.0	-	13,820.0
Unfunded Requirements		-	-	-	-	-	13,820.0	-	-	13,820.0	-	13,820.0
TOTAL		1,420.0	-	6,780.0	6,780.0	11,602.0	14,933.0	-	-	33,315.0	-	34,735.0
Source of Funds	Fund No.											
Library Fund - Pima County Contribution	03B	520.0	-	80.0	80.0	-	-	-	-	80.0	-	600.0
Miscellaneous Non-Federal Grants	93	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
Pima County Bonds	13B	-	-	1,250.0	1,250.0	750.0	-	-	-	2,000.0	-	2,000.0
1994 General Obligation Bonds - Series B Interest	37I	-	-	86.0	86.0	-	-	-	-	86.0	-	86.0
1994 General Obligation Bonds - Series D Interest	43I	-	-	215.0	215.0	-	-	-	-	215.0	-	215.0
1994 General Obligation Bonds - Series E Interest	44I	-	-	399.0	399.0	-	-	-	-	399.0	-	399.0
2000 General Obligation Bonds	40	900.0	-	4,600.0	4,600.0	-	-	-	-	4,600.0	-	5,500.0
Unfunded Requirements	100	-	-	-	-	10,852.0	14,933.0	-	-	25,785.0	-	25,785.0
TOTAL		1,420.0	-	6,780.0	6,780.0	11,602.0	14,933.0	-	-	33,315.0	-	34,735.0
Inflation Adjustment				-	-	338.0	857.0	-	-	1,195.0	-	1,195.0
Annual Operating Cost				-	-	1,741.0	2,741.0	4,241.0	4,241.0	12,964.0		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Library (5020)							WARD: 1 START DATE: 7/00 END DATE: 12/01				PROJECT NUMBER: L910		
PROJECT TITLE: El Pueblo Neighborhood Center Library											<u>ESTIMATED PROJECT COST</u>		
DESCRIPTION: Design and construct a 3,500 square foot branch library to improve library services at the El Pueblo Neighborhood Center. Pima County has agreed to fund this project from Library District funds.											DESIGN 52.0 RIGHT-OF-WAY - CONSTRUCTION 548.0 OTHER - INFLATION - PROJECT TOTAL 600.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Library Fund - Pima County Contribution	03B	520.0	-	80.0	80.0	-	-	-	-	80.0	-	600.0	
TOTAL		520.0	-	80.0	80.0	-	-	-	-	80.0	-	600.0	
INFLATION ADJUSTMENT:							-				-		
ANNUAL OPERATING COST:							-				-		

DEPARTMENT: Library (5020)							WARD: 4 START DATE: 11/00 END DATE: 6/02				PROJECT NUMBER: L904		
PROJECT TITLE: George Miller-Golf Links Library Expansion											<u>ESTIMATED PROJECT COST</u>		
DESCRIPTION: Construct a 5,000 square foot expansion of the George Miller-Golf Links Library branch for anticipated growth in the southeast area, providing capacity for the appropriate number of volumes and additional furnishings required.											DESIGN 204.0 RIGHT-OF-WAY - CONSTRUCTION 496.0 OTHER 850.0 INFLATION - PROJECT TOTAL 1,550.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 General Obligation Bonds	40	150.0	-	1,400.0	1,400.0	-	-	-	-	1,400.0	-	1,550.0	
TOTAL		150.0	-	1,400.0	1,400.0	-	-	-	-	1,400.0	-	1,550.0	
INFLATION ADJUSTMENT:							-				-		
ANNUAL OPERATING COST:							-				-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Library (5020)							WARD: 1 START DATE: 7/01 END DATE: 6/04				PROJECT NUMBER: L913 ESTIMATED PROJECT COST DESIGN 470.0 RIGHT-OF-WAY - CONSTRUCTION 4,179.0 OTHER - INFLATION 151.0 PROJECT TOTAL 4,800.0		
PROJECT TITLE: Main Library Plaza Improvements DESCRIPTION: Redesign and reconstruct the Main Library plaza to resolve existing subsidence hazards, connect the library's irrigation system to reclaimed water piped from the Tucson Convention Center, and construct a new amphitheater to enhance downtown cultural gatherings. The project has two components: short-term parking garage subsidence fix (\$700,000 in FY 2002) and construction of an amphitheater, including drainage improvements that will keep the subsidence problem from reoccurring (\$4,100,000 in FY 2003 and FY 2004).													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
1994 General Obligation Bonds - Series B Interest	37I	-	-	86.0	86.0	-	-	-	-	86.0	-	86.0	
1994 General Obligation Bonds - Series D Interest	43I	-	-	215.0	215.0	-	-	-	-	215.0	-	215.0	
1994 General Obligation Bonds - Series E Interest	44I	-	-	399.0	399.0	-	-	-	-	399.0	-	399.0	
Unfunded Requirements	100	-	-	-	-	2,987.0	1,113.0	-	-	4,100.0	-	4,100.0	
TOTAL			-	-	700.0	2,987.0	1,113.0	-	-	4,800.0	-	4,800.0	
INFLATION ADJUSTMENT:						87.0	64.0	-	-	151.0	-	151.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

DEPARTMENT: Library (5020)							WARD: 6 START DATE: 7/98 END DATE: 6/03				PROJECT NUMBER: L906 ESTIMATED PROJECT COST DESIGN 200.0 RIGHT-OF-WAY - CONSTRUCTION 865.0 OTHER 1,513.0 INFLATION 22.0 PROJECT TOTAL 2,600.0		
PROJECT TITLE: Midtown Library and Learning Center DESCRIPTION: Design and construct a 7,000 square foot neighborhood center and library to be shared with the Parks and Recreation Department. The library will be expandable to 14,000 square feet and have a start-up collection of 25,000 volumes. The facility is to be located in the area bound by Alvernon Way, Swan Road, Grant Road, and Speedway Boulevard.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Miscellaneous Non-Federal Grants	93	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0	
Pima County Bonds	13B	-	-	1,250.0	1,250.0	750.0	-	-	-	2,000.0	-	2,000.0	
2000 General Obligation Bonds	40	-	-	450.0	450.0	-	-	-	-	450.0	-	450.0	
TOTAL			-	-	1,850.0	750.0	-	-	-	2,600.0	-	2,600.0	
INFLATION ADJUSTMENT:						22.0	-	-	-	22.0	-	22.0	
ANNUAL OPERATING COST:						-	-	588.0	588.0	588.0	588.0	2,352.0	

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Library (5020)							WARD: 5 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: L909		
PROJECT TITLE: Quincie Douglas Center Library							ESTIMATED PROJECT COST						
DESCRIPTION: Design and construct a library branch in conjunction with the expansion plans of the Quincie Douglas Center by the Parks and Recreation Department. This library will be a facility of 10,000 square feet and have an initial collection of 40,000 volumes.							DESIGN 130.0 RIGHT-OF-WAY 200.0 CONSTRUCTION 1,480.0 OTHER 1,690.0 INFLATION - PROJECT TOTAL 3,500.0						
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 General Obligation Bonds	40	750.0	-	2,750.0	2,750.0	-	-	-	-	2,750.0	-	3,500.0	
TOTAL		750.0	-	2,750.0	2,750.0	-	-	-	-	2,750.0	-	3,500.0	
INFLATION ADJUSTMENT: -													
ANNUAL OPERATING COST: -													

DEPARTMENT: Library (5020)							WARD: 4 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: L915		
PROJECT TITLE: Rita Ranch/Vail Area Library							ESTIMATED PROJECT COST						
DESCRIPTION: Design and construct a full service 25,000 square foot library (expandable to 40,000 square foot) in the Rita Ranch/Vail area on a 4- to 6-acre parcel. The library will house a 120,000 volume book collection, state-of-the-art technology, computer lab, large meeting room, small study rooms, and appropriately-sized parking lot.							DESIGN 330.0 RIGHT-OF-WAY 350.0 CONSTRUCTION 2,806.0 OTHER 4,150.0 INFLATION 229.0 PROJECT TOTAL 7,865.0						
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Unfunded Requirements	100	-	-	-	-	7,865.0	-	-	-	7,865.0	-	7,865.0	
TOTAL		-	-	-	-	7,865.0	-	-	-	7,865.0	-	7,865.0	
INFLATION ADJUSTMENT: 229.0													
ANNUAL OPERATING COST: -													

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Library (5020) PROJECT TITLE: Wilmot Branch Library Replacement DESCRIPTION: Design and construct a full service 40,000 square foot library facility in the eastside area on a 4- to 6-acre parcel. The library will house a 120,000 volume book collection, state-of-the-art technology, computer lab, large meeting room, small study rooms, and appropriately-sized parking lot.						WARD: 2 or 6 START DATE: 7/03 END DATE: 6/04				PROJECT NUMBER: L916 <u>ESTIMATED PROJECT COST</u> DESIGN 500.0 RIGHT-OF-WAY 400.0 CONSTRUCTION 6,777.0 OTHER 5,350.0 INFLATION 793.0 PROJECT TOTAL 13,820.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	13,820.0	-	-	13,820.0	-	13,820.0
TOTAL		-	-	-	-	-	13,820.0	-	-	13,820.0	-	13,820.0
INFLATION ADJUSTMENT:						-	793.0	-	-	793.0	-	793.0
ANNUAL OPERATING COST:						-	-	1,500.0	1,500.0	3,000.0		

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

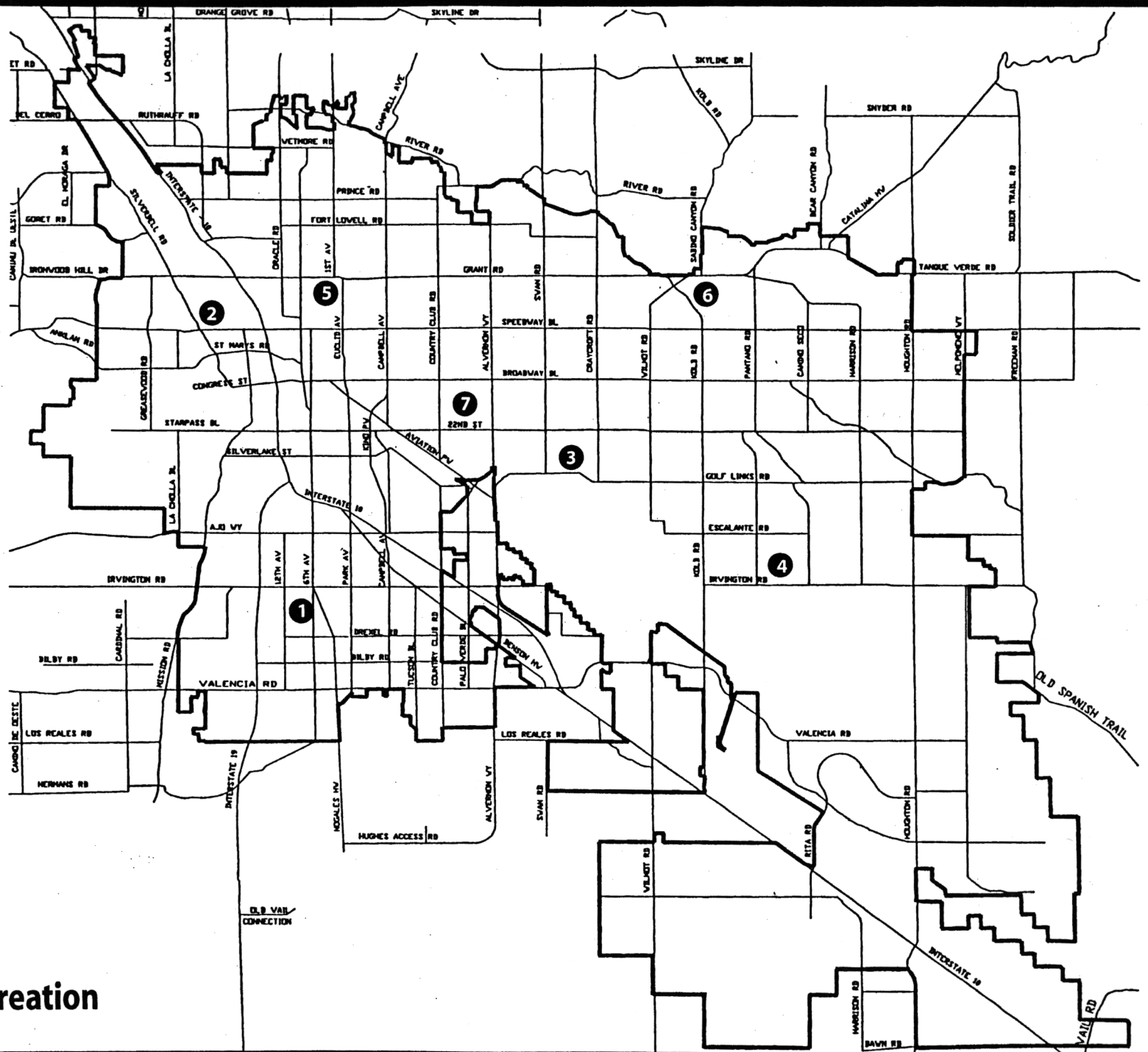
FY 2002 THROUGH FY 2006

DEPARTMENT: Parks and Recreation

FIVE-YEAR TOTAL: \$ 83,989,200

The Five-Year Capital Improvement Program (CIP) for the Parks and Recreation Department is based primarily on the Parks, Recreation, and Open Space Plan (adopted by Mayor and Council as an element of the Tucson General Plan on December 10, 1990) and subsequent Mayor and Council direction. The Parks and Recreation Department maintains a ten-year CIP as a working-planning tool. The department continues to investigate and encourage cost-effective approaches to the development of recreation resources, such as those involving private enterprise and/or community service providers. In addition, this CIP implements Mayor and Council policy direction by developing facilities that provide for family and youth recreation, supporting inner-city revitalization and public art, and using arid and semi-arid landscaping where possible to conserve water.

The five-year program includes \$31.5 million in 2000 bond projects. Unfunded projects are included to indicate future needs for new recreation facilities and improvements to existing facilities. The unfunded portion of the program includes only the highest priority projects that have surfaced in the planning process.



Parks and Recreation

CAPITAL PROJECTS LOCATIONS

Parks and Recreation

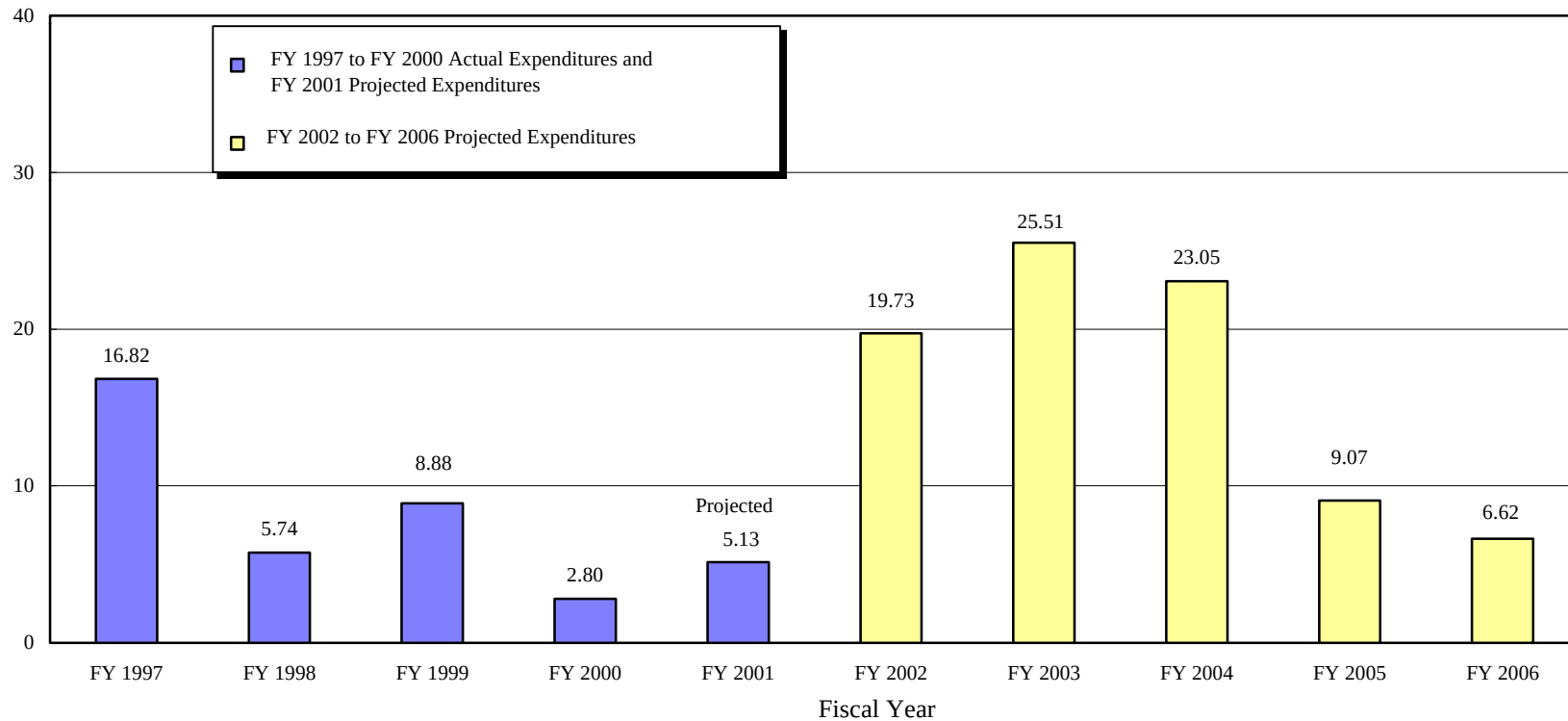
<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
<u>Parks Development</u>			
1. El Pueblo Center, Phase II	FY 2003	5. Northwest Regional Center, Phase I	FY 2003
2. El Rio Adult Education	FY 2002	6. Udall Park Center, Phase II	FY 2003
3. Freedom Park Center Improvements	FY 2003		
		<u>Zoo Improvements</u>	
4. Lincoln Park/Clements Center, Phase II	FY 2004	7. Reid Park Zoo-Comfort Stations at Zoo Entrance	FY 2002

**PIMA COUNTY BOND PROGRAM
CITY PARKS AND RECREATION PROJECTS
(\$000)**

PROJECT NAME	TOTAL PROJECT
Columbus Park, Phase 1	\$ 2,000.0
El Rio Adult Education	1,500.0
Freedom Park Center Improvements	1,400.0
Lincoln Park/Clements Center, Phase II	2,500.0
Quincie Douglas Center, Phase II	2,000.0
Rillito Park at Columbus Boulevard District Park	2,400.0
Santa Cruz River Sports Park	850.0
Tucson Diversion Channel Soccer Field	500.0
Udall Park Improvements	500.0
TOTAL	\$ 13,650.0

NOTE: The projects listed above are included in the capital improvement program (CIP) for the Parks and Recreation Department because they will be administered by the City of Tucson. The total amount of authorized Pima County Bonds for projects within the city limits was \$17,850,000, with \$3,000,000 for athletic and play field improvements to be administered by Pima County. Projects that have been completed are no longer shown in this five-year CIP.

**Capital Improvements
Ten-Year Comparison
Parks and Recreation**
(\$ Millions)



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

Parks and Recreation

DEPARTMENT

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROGRAM AREA	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Parks Development	3,568.6	3,613.7	15,579.5	19,193.2	23,815.0	21,948.0	9,071.0	6,620.0	80,647.2	14,518.0	98,733.8
Zoo Improvements	125.0	-	538.0	538.0	1,700.0	1,104.0	-	-	3,342.0	-	3,467.0
TOTAL	3,693.6	3,613.7	16,117.5	19,731.2	25,515.0	23,052.0	9,071.0	6,620.0	83,989.2	14,518.0	102,200.8
Source of Funds	Fund No.										
General Fund	01	7.7	-	-	1,700.0	-	-	-	1,700.0	-	1,707.7
General Fund - Parks Foundation	01D	-	-	90.0	90.0	90.0	90.0	90.0	450.0	-	450.0
Miscellaneous Non-Federal Grants	93	-	-	700.0	700.0	700.0	-	-	2,100.0	-	2,100.0
Pima County Bonds	13B	692.6	3,018.7	4,436.5	4,639.0	1,133.0	274.0	-	13,501.2	-	14,193.8
1984 General Obligation Bonds	46	95.0	-	-	-	-	-	-	-	-	95.0
1994 General Obligation Bonds Series D	43	50.0	-	-	-	-	-	-	-	-	50.0
1994 General Obligation Bonds - Series B Interest	37I	27.3	-	-	-	-	-	-	-	-	27.3
1994 General Obligation Bonds - Series D Interest	43I	55.0	100.0	-	-	-	-	-	100.0	-	155.0
2000 General Obligation Bonds	40	2,766.0	495.0	10,580.0	13,259.0	6,290.0	560.0	-	31,184.0	-	33,950.0
2000 General Obligation Bonds - Interest	40I	-	-	311.0	-	-	-	-	311.0	-	311.0
Unfunded Requirements	100	-	-	-	5,127.0	14,839.0	8,147.0	6,530.0	34,643.0	14,518.0	49,161.0
TOTAL	3,693.6	3,613.7	16,117.5	19,731.2	25,515.0	23,052.0	9,071.0	6,620.0	83,989.2	14,518.0	102,200.8
Inflation Adjustment			-	-	743.0	1,321.7	770.0	736.5	3,571.2	1,994.5	5,565.7
Annual Operating Cost			-	-	735.0	2,425.0	3,333.8	3,203.8	9,697.6		

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Parks and Recreation

FIVE-YEAR TOTAL: \$ 80,647,200

PROGRAM AREA: Parks Development

The Parks Development Program is the largest program within the Parks and Recreation Capital Improvement Program (CIP). This five-year program is based on the Parks, Recreation, and Open Space Plan and subsequent Mayor and Council direction. Included are \$13.50 million in Pima County bond-funded projects. These funds will be used to add facilities and parks within the city limits. Parks Development also includes \$29.85 million in 2000 bonds, grants and bond fund interest of \$2.65 million, and \$34.64 million in unfunded projects. Annual operating costs are projected to be \$0.74 million in Fiscal Year 2003 and increase to \$3.18 million in Fiscal Year 2006.

Parks and Recreation

DEPARTMENT

Parks Development

PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Adaptive Recreation Center, Phase I	B - 40	600.0	-	2,541.0	2,541.0	2,439.0	-	-	-	4,980.0	-	5,580.0
2000 General Obligation Bonds		600.0	-	2,541.0	2,541.0	2,439.0	-	-	-	4,980.0	-	5,580.0
Adaptive Recreation Center, Phase II	B - 40	-	-	-	-	-	-	-	-	-	7,987.0	7,987.0
Unfunded Requirements		-	-	-	-	-	-	-	-	-	7,987.0	7,987.0
Administration and Central District Offices	B - 41	-	-	-	-	340.0	4,285.0	-	-	4,625.0	-	4,625.0
Unfunded Requirements		-	-	-	-	340.0	4,285.0	-	-	4,625.0	-	4,625.0
Amphi High School Softball Complex - Phase I	B - 41	40.0	100.0	-	100.0	-	-	-	-	100.0	-	140.0
Pima County Bonds		-	100.0	-	100.0	-	-	-	-	100.0	-	100.0
2000 General Obligation Bonds		40.0	-	-	-	-	-	-	-	-	-	40.0
Amphi High School Softball Complex - Phase II	B - 42	-	-	98.0	98.0	52.0	130.0	-	-	280.0	-	280.0
2000 General Obligation Bonds - Interest		-	-	98.0	98.0	-	-	-	-	98.0	-	98.0
Unfunded Requirements		-	-	-	-	52.0	130.0	-	-	182.0	-	182.0
Bravo Park	B - 42	-	125.0	-	125.0	-	-	-	-	125.0	-	125.0
Pima County Bonds		-	125.0	-	125.0	-	-	-	-	125.0	-	125.0
Case Natural Resources Park, Phase II	B - 43	-	-	200.0	200.0	-	-	-	2,487.0	2,687.0	2,213.0	4,900.0
2000 General Obligation Bonds		-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Unfunded Requirements		-	-	-	-	-	-	-	2,487.0	2,487.0	2,213.0	4,700.0
Catalina High School Track and Field Lighting	B - 43	-	-	320.0	320.0	-	-	-	-	320.0	-	320.0
2000 General Obligation Bonds		-	-	320.0	320.0	-	-	-	-	320.0	-	320.0
Cherry Avenue Center, Phase II	B - 44	-	-	-	-	33.0	457.0	-	-	490.0	-	490.0
Unfunded Requirements		-	-	-	-	33.0	457.0	-	-	490.0	-	490.0
Citywide Neighborhood Park and Recreation Improvements	B - 44	-	-	-	-	189.0	824.0	1,046.0	820.0	2,879.0	833.0	3,712.0
Unfunded Requirements		-	-	-	-	189.0	824.0	1,046.0	820.0	2,879.0	833.0	3,712.0
Columbus Park, Phase I	B - 45	100.0	-	965.0	965.0	935.0	-	-	-	1,900.0	-	2,000.0
Pima County Bonds		100.0	-	965.0	965.0	935.0	-	-	-	1,900.0	-	2,000.0
Desert Vista/Southwest District Park Development, Phase I	B - 45	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
2000 General Obligation Bonds		-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Eastside Senior Center Recreation Facility	B - 46	50.0	-	200.0	200.0	610.0	640.0	-	-	1,450.0	-	1,500.0
2000 General Obligation Bonds		50.0	-	200.0	200.0	610.0	640.0	-	-	1,450.0	-	1,500.0
El Pueblo Center, Phase II	B - 46	100.0	-	1,209.0	1,209.0	1,316.0	-	-	-	2,525.0	-	2,625.0
2000 General Obligation Bonds		100.0	-	1,209.0	1,209.0	1,316.0	-	-	-	2,525.0	-	2,625.0
El Rio Adult Education	B - 47	450.0	1,200.0	-	1,200.0	-	-	-	-	1,200.0	-	1,650.0
Pima County Bonds		300.0	1,200.0	-	1,200.0	-	-	-	-	1,200.0	-	1,500.0
1984 General Obligation Bonds		95.0	-	-	-	-	-	-	-	-	-	95.0
1994 General Obligation Bonds - Series D Interest		55.0	-	-	-	-	-	-	-	-	-	55.0
Freedom Park Center Improvements	B - 47	-	1,300.0	-	1,300.0	200.0	-	-	-	1,500.0	-	1,500.0
Pima County Bonds		-	1,200.0	-	1,200.0	200.0	-	-	-	1,400.0	-	1,400.0
1994 General Obligation Bonds - Series D Interest		-	100.0	-	100.0	-	-	-	-	100.0	-	100.0
General Instruments Site	B - 48	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
2000 General Obligation Bonds		-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Golf Links Sports Center Parking Improvements	B - 48	-	-	-	-	-	210.0	-	-	210.0	-	210.0
2000 General Obligation Bonds		-	-	-	-	-	210.0	-	-	210.0	-	210.0
Greenways and Natural Resource Areas - Acquisition and Development	B - 49	120.0	-	124.0	124.0	152.0	629.0	-	-	905.0	-	1,025.0
2000 General Obligation Bonds		120.0	-	124.0	124.0	152.0	629.0	-	-	905.0	-	1,025.0
Hi Corbett Field Parking Garage	B - 49	-	-	-	-	507.0	4,017.0	4,159.0	-	8,683.0	1,136.0	9,819.0
Unfunded Requirements		-	-	-	-	507.0	4,017.0	4,159.0	-	8,683.0	1,136.0	9,819.0
Himmel Park Irrigation Replacement, Phase I	B - 50	-	-	-	-	195.0	-	-	-	195.0	-	195.0
2000 General Obligation Bonds		-	-	-	-	195.0	-	-	-	195.0	-	195.0
Irrigation System Replacement	B - 50	-	-	-	-	515.0	426.0	568.0	506.0	2,015.0	-	2,015.0
Unfunded Requirements		-	-	-	-	515.0	426.0	568.0	506.0	2,015.0	-	2,015.0
Jacobs Park Pool Replacement	B - 51	-	-	103.0	103.0	1,497.0	-	-	-	1,600.0	-	1,600.0
2000 General Obligation Bonds		-	-	103.0	103.0	1,497.0	-	-	-	1,600.0	-	1,600.0
Lake Aeration System Replacement at Lakeside Park	B - 51	-	75.0	-	75.0	-	-	-	-	75.0	-	75.0
2000 General Obligation Bonds		-	75.0	-	75.0	-	-	-	-	75.0	-	75.0

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Lake Improvements	B - 52	-	-	-	-	565.0	-	-	-	565.0	-	565.0
Unfunded Requirements		-	-	-	-	565.0	-	-	-	565.0	-	565.0
Las Mariposas Park	B - 52	108.8	10.0	-	10.0	-	-	-	-	10.0	-	118.8
Pima County Bonds		108.8	10.0	-	10.0	-	-	-	-	10.0	-	118.8
Lighting System Improvements	B - 53	-	-	-	-	142.0	309.0	265.0	219.0	935.0	487.0	1,422.0
Unfunded Requirements		-	-	-	-	142.0	309.0	265.0	219.0	935.0	487.0	1,422.0
Lincoln Park/Clements Center, Phase II	B - 53	50.0	125.0	875.0	1,000.0	2,500.0	350.0	-	-	3,850.0	-	3,900.0
Pima County Bonds		-	125.0	675.0	800.0	1,700.0	-	-	-	2,500.0	-	2,500.0
2000 General Obligation Bonds		50.0	-	200.0	200.0	800.0	350.0	-	-	1,350.0	-	1,400.0
Mansfield Park Irrigation Replacement	B - 54	100.0	120.0	-	120.0	-	-	-	-	120.0	-	220.0
2000 General Obligation Bonds		100.0	120.0	-	120.0	-	-	-	-	120.0	-	220.0
Mansfield Park Upgrade	B - 54	-	-	-	-	250.0	-	-	-	250.0	-	250.0
2000 General Obligation Bonds		-	-	-	-	250.0	-	-	-	250.0	-	250.0
Miscellaneous Parks Development/Renovations	B - 55	278.0	-	286.0	286.0	295.0	271.0	270.0	-	1,122.0	-	1,400.0
2000 General Obligation Bonds		278.0	-	286.0	286.0	295.0	271.0	270.0	-	1,122.0	-	1,400.0
New Comfort Stations	B - 55	98.0	-	227.0	227.0	212.0	219.0	224.0	-	882.0	-	980.0
2000 General Obligation Bonds		98.0	-	227.0	227.0	212.0	219.0	224.0	-	882.0	-	980.0
North Central District Park	B - 56	35.0	200.0	-	200.0	300.0	500.0	348.0	300.0	1,648.0	-	1,683.0
General Fund		7.7	-	-	-	-	-	-	-	-	-	7.7
1994 General Obligation Bonds - Series B Interest		27.3	-	-	-	-	-	-	-	-	-	27.3
2000 General Obligation Bonds		-	200.0	-	200.0	-	-	-	-	200.0	-	200.0
Unfunded Requirements		-	-	-	-	300.0	500.0	348.0	300.0	1,448.0	-	1,448.0
Northwest Neighborhood Center Renovation	B - 56	-	-	-	-	200.0	1,854.0	1,591.0	-	3,645.0	-	3,645.0
Unfunded Requirements		-	-	-	-	200.0	1,854.0	1,591.0	-	3,645.0	-	3,645.0
Northwest Regional Center, Phase I	B - 57	105.0	100.0	800.0	900.0	1,051.0	-	-	-	1,951.0	-	2,056.0
2000 General Obligation Bonds		105.0	100.0	800.0	900.0	1,051.0	-	-	-	1,951.0	-	2,056.0
Oury and Ormsby Centers	B - 57	-	-	-	-	50.0	-	-	-	50.0	-	50.0
2000 General Obligation Bonds		-	-	-	-	50.0	-	-	-	50.0	-	50.0

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Palo Verde Little League Lights Replacement	B - 58	-	-	-	-	-	110.0	-	-	110.0	-	110.0
2000 General Obligation Bonds		-	-	-	-	-	110.0	-	-	110.0	-	110.0
Parks Foundation Projects	B - 58	-	-	90.0	90.0	90.0	90.0	90.0	90.0	450.0	-	450.0
General Fund - Parks Foundation		-	-	90.0	90.0	90.0	90.0	90.0	90.0	450.0	-	450.0
Performing Arts Center Renovation	B - 59	-	-	-	-	1,134.0	677.0	-	-	1,811.0	-	1,811.0
Unfunded Requirements		-	-	-	-	1,134.0	677.0	-	-	1,811.0	-	1,811.0
Playground Equipment Replacement	B - 59	80.0	-	82.0	82.0	85.0	87.0	66.0	-	320.0	-	400.0
2000 General Obligation Bonds		80.0	-	82.0	82.0	85.0	87.0	66.0	-	320.0	-	400.0
Quincie Douglas Center, Phase II	B - 60	-	75.0	422.0	497.0	996.0	507.0	-	-	2,000.0	-	2,000.0
Pima County Bonds		-	75.0	422.0	497.0	996.0	507.0	-	-	2,000.0	-	2,000.0
Randolph Center Improvements	B - 60	-	-	-	-	500.0	1,030.0	-	-	1,530.0	-	1,530.0
Unfunded Requirements		-	-	-	-	500.0	1,030.0	-	-	1,530.0	-	1,530.0
Reid Park Renovation	B - 61	-	-	185.0	185.0	1,320.0	1,000.0	-	-	2,505.0	-	2,505.0
2000 General Obligation Bonds		-	-	185.0	185.0	1,320.0	1,000.0	-	-	2,505.0	-	2,505.0
Reuse of Landfill Areas	B - 61	-	-	-	-	-	207.0	-	-	207.0	-	207.0
2000 General Obligation Bonds		-	-	-	-	-	207.0	-	-	207.0	-	207.0
Rillito Park at Columbus Boulevard District Park	B - 62	75.0	-	821.0	821.0	604.0	626.0	274.0	-	2,325.0	-	2,400.0
Pima County Bonds		75.0	-	821.0	821.0	604.0	626.0	274.0	-	2,325.0	-	2,400.0
Rita Ranch Park, Phase IV	B - 62	-	-	82.0	82.0	255.0	463.0	-	-	800.0	-	800.0
2000 General Obligation Bonds		-	-	82.0	82.0	255.0	463.0	-	-	800.0	-	800.0
Rodeo Grounds Improvements	B - 63	510.0	-	-	-	490.0	-	-	-	490.0	-	1,000.0
2000 General Obligation Bonds		510.0	-	-	-	490.0	-	-	-	490.0	-	1,000.0
Santa Cruz River Sports Park	B - 63	42.5	-	807.5	807.5	-	1,000.0	-	-	1,807.5	-	1,850.0
Pima County Bonds		42.5	-	807.5	807.5	-	-	-	-	807.5	-	850.0
2000 General Obligation Bonds		-	-	-	-	-	1,000.0	-	-	1,000.0	-	1,000.0
Santa Rita Park Lighting Improvements	B - 64	66.3	183.7	-	183.7	-	-	-	-	183.7	-	250.0
Pima County Bonds		16.3	183.7	-	183.7	-	-	-	-	183.7	-	200.0
1994 General Obligation Bonds Series D		50.0	-	-	-	-	-	-	-	-	-	50.0

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Santa Rosa Center Upgrade	B - 64	410.0	-	2,398.0	2,398.0	-	-	-	-	2,398.0	-	2,808.0
2000 General Obligation Bonds		410.0	-	2,398.0	2,398.0	-	-	-	-	2,398.0	-	2,808.0
Southeast Regional Recreational Amenities (Civano)	B - 65	-	-	-	-	-	-	-	2,138.0	2,138.0	1,862.0	4,000.0
Unfunded Requirements		-	-	-	-	-	-	-	2,138.0	2,138.0	1,862.0	4,000.0
State Heritage Fund Grants	B - 65	-	-	700.0	700.0	700.0	700.0	-	-	2,100.0	-	2,100.0
Miscellaneous Non-Federal Grants		-	-	700.0	700.0	700.0	700.0	-	-	2,100.0	-	2,100.0
Swimming Pool Rehabilitation	B - 66	-	-	-	-	650.0	330.0	170.0	60.0	1,210.0	-	1,210.0
Unfunded Requirements		-	-	-	-	650.0	330.0	170.0	60.0	1,210.0	-	1,210.0
Tucson Diversion Channel Soccer Field	B - 66	25.0	-	475.0	475.0	-	-	-	-	475.0	-	500.0
Pima County Bonds		25.0	-	475.0	475.0	-	-	-	-	475.0	-	500.0
Udall Park and Center, Phase II	B - 67	50.0	-	708.0	708.0	1,242.0	-	-	-	1,950.0	-	2,000.0
2000 General Obligation Bonds		50.0	-	708.0	708.0	1,242.0	-	-	-	1,950.0	-	2,000.0
Udall Park Facility Improvements	B - 67	50.0	-	390.0	390.0	-	-	-	-	390.0	-	440.0
2000 General Obligation Bonds		50.0	-	390.0	390.0	-	-	-	-	390.0	-	440.0
Udall Park Play Field Improvements	B - 68	25.0	-	271.0	271.0	204.0	-	-	-	475.0	-	500.0
Pima County Bonds		25.0	-	271.0	271.0	204.0	-	-	-	475.0	-	500.0
TOTAL		3,568.6	3,613.7	15,579.5	19,193.2	23,815.0	21,948.0	9,071.0	6,620.0	80,647.2	14,518.0	98,733.8

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
<u>Source of Funds</u>	<u>Fund No.</u>											
General Fund	01	7.7	-	-	-	-	-	-	-	-	-	7.7
General Fund - Parks Foundation	01D	-	-	90.0	90.0	90.0	90.0	90.0	90.0	450.0	-	450.0
Miscellaneous Non-Federal Grants	93	-	-	700.0	700.0	700.0	700.0	-	-	2,100.0	-	2,100.0
Pima County Bonds	13B	692.6	3,018.7	4,436.5	7,455.2	4,639.0	1,133.0	274.0	-	13,501.2	-	14,193.8
1984 General Obligation Bonds	46	95.0	-	-	-	-	-	-	-	-	-	95.0
1994 General Obligation Bonds Series D	43	50.0	-	-	-	-	-	-	-	-	-	50.0
1994 General Obligation Bonds - Series B Interest	37I	27.3	-	-	-	-	-	-	-	-	-	27.3
1994 General Obligation Bonds - Series D Interest	43I	55.0	100.0	-	100.0	-	-	-	-	100.0	-	155.0
2000 General Obligation Bonds	40	2,641.0	495.0	10,255.0	10,750.0	13,259.0	5,186.0	560.0	-	29,755.0	-	32,396.0
2000 General Obligation Bonds - Interest	40I	-	-	98.0	98.0	-	-	-	-	98.0	-	98.0
Unfunded Requirements	100	-	-	-	-	5,127.0	14,839.0	8,147.0	6,530.0	34,643.0	14,518.0	49,161.0
TOTAL		3,568.6	3,613.7	15,579.5	19,193.2	23,815.0	21,948.0	9,071.0	6,620.0	80,647.2	14,518.0	98,733.8
Inflation Adjustment				-	-	693.0	1,258.7	770.0	736.5	3,458.2	1,994.5	5,452.7
Annual Operating Cost				-	-	735.0	2,405.0	3,313.8	3,183.8	9,637.6		

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 6 START DATE: 7/00 END DATE: 12/02		PROJECT NUMBER: R906
PROJECT TITLE: Adaptive Recreation Center, Phase I										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct the first phase of a new center to provide recreational programs primarily for the physically-challenged residents of the community. The center will provide indoor aquatic facilities for the general public and include a recreational, lap, and therapeutic pool at Reid Park.										DESIGN 600.0 RIGHT-OF-WAY - CONSTRUCTION 4,909.0 OTHER - INFLATION 71.0 PROJECT TOTAL 5,580.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	600.0	-	2,541.0	2,541.0	2,439.0	-	-	-	4,980.0	-	5,580.0
TOTAL		600.0	-	2,541.0	2,541.0	2,439.0	-	-	-	4,980.0	-	5,580.0
INFLATION ADJUSTMENT:						71.0	-	-	-	71.0	-	71.0
ANNUAL OPERATING COST:						-	-	200.0	450.0	650.0	650.0	1,950.0

DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 6 START DATE: 7/06 END DATE: 6/08		PROJECT NUMBER: R927
PROJECT TITLE: Adaptive Recreation Center, Phase II										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct the second phase of a recreational center that provides programs primarily for the physically-challenged members of the community.										DESIGN 1,380.0 RIGHT-OF-WAY - CONSTRUCTION 5,510.0 OTHER - INFLATION 1,097.0 PROJECT TOTAL 7,987.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	-	-	-	7,987.0	7,987.0
TOTAL		-	-	-	-	-	-	-	-	-	7,987.0	7,987.0
INFLATION ADJUSTMENT:						-	-	-	-	-	1,097.0	1,097.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 6 START DATE: 7/02 END DATE: 6/04				PROJECT NUMBER: R925 ESTIMATED PROJECT COST DESIGN 240.0 RIGHT-OF-WAY - CONSTRUCTION 4,129.0 OTHER - INFLATION 256.0 PROJECT TOTAL 4,625.0		
PROJECT TITLE: Administration and Central District Offices DESCRIPTION: Design and construct new office space for both the administrative unit (10,000 square feet) and the central district offices (additional 10,000 square feet). The existing administrative offices and the parks maintenance compound would be demolished.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	340.0	4,285.0	-	-	4,625.0	-	4,625.0
TOTAL			-	-	-	340.0	4,285.0	-	-	4,625.0	-	4,625.0
INFLATION ADJUSTMENT:						10.0	246.0	-	-	256.0	-	256.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 3 START DATE: 5/01 END DATE: 6/02				PROJECT NUMBER: R033 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION 140.0 OTHER - INFLATION - PROJECT TOTAL 140.0		
PROJECT TITLE: Amphi High School Softball Complex - Phase I DESCRIPTION: Construct baseball and softball fields.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima County Bonds	13B	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0
2000 General Obligation Bonds	40	40.0	-	-	-	-	-	-	-	-	-	40.0
TOTAL			40.0	100.0	-	-	-	-	-	100.0	-	140.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 3 START DATE: 7/01 END DATE: 6/04				PROJECT NUMBER: R959 <u>ESTIMATED PROJECT COST</u> DESIGN 30.0 RIGHT-OF-WAY - CONSTRUCTION 241.0 OTHER - INFLATION 9.0 PROJECT TOTAL 280.0		
PROJECT TITLE: Amphi High School Softball Complex - Phase II												
DESCRIPTION: Design and construct a lighting system for the softball field (\$150,000) and a new comfort station (\$130,000). Participation from the school district will be pursued for the unfunded portion of the improvements.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds - Interest	40I	-	-	98.0	98.0	-	-	-	-	98.0	-	98.0
Unfunded Requirements	100	-	-	-	-	52.0	130.0	-	-	182.0	-	182.0
TOTAL			-	-	98.0	52.0	130.0	-	-	280.0	-	280.0
INFLATION ADJUSTMENT:						2.0	7.0	-	-	9.0	-	9.0
ANNUAL OPERATING COST:						-	-	-	5.0	5.0	10.0	

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 5 START DATE: 5/01 END DATE: 6/02				PROJECT NUMBER: R027 <u>ESTIMATED PROJECT COST</u> DESIGN 20.0 RIGHT-OF-WAY - CONSTRUCTION 105.0 OTHER - INFLATION - PROJECT TOTAL 125.0		
PROJECT TITLE: Bravo Park												
DESCRIPTION: Design and construct park improvements including a children's playground, park lighting, a basketball court, and other amenities.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima County Bonds	13B	-	125.0	-	125.0	-	-	-	-	125.0	-	125.0
TOTAL			-	125.0	-	-	-	-	-	125.0	-	125.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 2 START DATE: 7/01 END DATE: 6/11		PROJECT NUMBER: R920
PROJECT TITLE: Case Natural Resources Park, Phase II										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct the second phase of a new eastside 44-acre park, located near Broadway Boulevard and Houghton Road. The expansion will include nature trails, picnic areas, and related infrastructure.										DESIGN 27.0 RIGHT-OF-WAY - CONSTRUCTION 4,292.0 OTHER - INFLATION 581.0 PROJECT TOTAL 4,900.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Unfunded Requirements	100	-	-	-	-	-	-	-	2,487.0	2,487.0	2,213.0	4,700.0
TOTAL		-	-	200.0	200.0	-	-	-	2,487.0	2,687.0	2,213.0	4,900.0
INFLATION ADJUSTMENT:						-	-	-	277.0	277.0	304.0	581.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 6 START DATE: 7/01 END DATE: 6/02		PROJECT NUMBER: R031
PROJECT TITLE: Catalina High School Track and Field Lighting										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct lighting systems for the high school track, softball field, and restroom facilities.										DESIGN 62.0 RIGHT-OF-WAY - CONSTRUCTION 258.0 OTHER - INFLATION - PROJECT TOTAL 320.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	320.0	320.0	-	-	-	-	320.0	-	320.0
TOTAL		-	-	320.0	320.0	-	-	-	-	320.0	-	320.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 5 START DATE: 7/02 END DATE: 6/04				PROJECT NUMBER: R935 <u>ESTIMATED PROJECT COST</u> DESIGN 32.0 RIGHT-OF-WAY - CONSTRUCTION 431.0 OTHER - INFLATION 27.0 PROJECT TOTAL 490.0		
PROJECT TITLE: Cherry Avenue Center, Phase II												
DESCRIPTION: Design and construct a building to complete the Cherry Avenue Center that will allow for a full range of program services.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	33.0	457.0	-	-	490.0	-	490.0
TOTAL			-	-	-	33.0	457.0	-	-	490.0	-	490.0
INFLATION ADJUSTMENT:						1.0	26.0	-	-	27.0	-	27.0
ANNUAL OPERATING COST:						-	-	120.0	120.0	240.0		

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: Citywide START DATE: 7/02 END DATE: 6/07				PROJECT NUMBER: R943 <u>ESTIMATED PROJECT COST</u> DESIGN 374.5 RIGHT-OF-WAY - CONSTRUCTION 2,990.5 OTHER - INFLATION 347.0 PROJECT TOTAL 3,712.0		
PROJECT TITLE: Citywide Neighborhood Park and Recreation Improvements												
DESCRIPTION: Develop, design, and construct improvements at park and recreational facilities in city neighborhoods. Projects will be identified through various neighborhood input mechanisms. Improvements may include children's playgrounds, parking areas, ramadas, little league fields, family picnic areas, restroom facilities, park furnishings, baseball backstops, and other amenities. Proposed parks for this project include Mission Manor, Palo Verde, De Anza, Groves, James Thomas, and Himmel Parks.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	189.0	824.0	1,046.0	820.0	2,879.0	833.0	3,712.0
TOTAL			-	-	-	189.0	824.0	1,046.0	820.0	2,879.0	833.0	3,712.0
INFLATION ADJUSTMENT:						5.5	47.0	89.0	91.0	232.5	114.5	347.0
ANNUAL OPERATING COST:						-	-	-	-	-		

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 1 START DATE: 7/01 END DATE: 6/03				PROJECT NUMBER: R025		
PROJECT TITLE: Columbus Park, Phase I										ESTIMATED PROJECT COST		
DESCRIPTION: Design and develop new facilities within the existing 300-acre Columbus Park located at 4600 North Silverbell Road, including a lighted soccer field, little league fields, dog training area, river park staging area, family picnic areas, ramadas, restrooms, parking, and landscaping.										DESIGN 200.0 RIGHT-OF-WAY - CONSTRUCTION 1,773.0 OTHER - INFLATION 27.0 PROJECT TOTAL 2,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima County Bonds	13B	100.0	-	965.0	965.0	935.0	-	-	-	1,900.0	-	2,000.0
TOTAL		100.0	-	965.0	965.0	935.0	-	-	-	1,900.0	-	2,000.0
INFLATION ADJUSTMENT:						27.0	-	-	-	27.0	-	27.0
ANNUAL OPERATING COST:						-	200.0	200.0	200.0	600.0		

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 1 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: R908		
PROJECT TITLE: Desert Vista/Southwest District Park Development, Phase I										ESTIMATED PROJECT COST		
DESCRIPTION: In partnership with Pima Community College, design and construct a joint-use recreational facilities to serve students of their Desert Vista campus and residents of the Midvale area. Pima Community College has pledged to contribute funding to this project, but the contribution has not yet been negotiated.										DESIGN 95.0 RIGHT-OF-WAY - CONSTRUCTION 876.0 OTHER - INFLATION 29.0 PROJECT TOTAL 1,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
TOTAL		-	-	-	-	1,000.0	-	-	-	1,000.0	-	1,000.0
INFLATION ADJUSTMENT:						29.0	-	-	-	29.0	-	29.0
ANNUAL OPERATING COST:						-	110.0	110.0	110.0	330.0		

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)							WARD: 2, 4 START DATE: 7/01 END DATE: 6/04			PROJECT NUMBER: R921 <u>ESTIMATED PROJECT COST</u> DESIGN 50.0 RIGHT-OF-WAY 1,395.0 CONSTRUCTION - OTHER - INFLATION 55.0 PROJECT TOTAL 1,500.0		
PROJECT TITLE: Eastside Senior Center Recreation Facility DESCRIPTION: Develop a master plan and acquire land for a new senior center recreation facility on the city's eastside.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	50.0	-	200.0	200.0	610.0	640.0	-	-	1,450.0	-	1,500.0
TOTAL			-	200.0	200.0	610.0	640.0	-	-	1,450.0	-	1,500.0
INFLATION ADJUSTMENT:						18.0	37.0	-	-	55.0	-	55.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)							WARD: 5 START DATE: 7/00 END DATE: 6/03			PROJECT NUMBER: R918 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION 2,587.0 OTHER - INFLATION 38.0 PROJECT TOTAL 2,625.0		
PROJECT TITLE: El Pueblo Center, Phase II DESCRIPTION: Construct the second phase of an activity center that includes areas for senior programs and arts and crafts.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	100.0	-	1,209.0	1,209.0	1,316.0	-	-	-	2,525.0	-	2,625.0
TOTAL			-	1,209.0	1,209.0	1,316.0	-	-	-	2,525.0	-	2,625.0
INFLATION ADJUSTMENT:						38.0	-	-	-	38.0	-	38.0
ANNUAL OPERATING COST:						-	-	140.0	140.0	140.0	420.0	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 1 START DATE: 7/98 END DATE: 6/02				PROJECT NUMBER: R017 ESTIMATED PROJECT COST DESIGN 340.0 RIGHT-OF-WAY - CONSTRUCTION 1,310.0 OTHER - INFLATION - PROJECT TOTAL 1,650.0			
PROJECT TITLE: El Rio Adult Education DESCRIPTION: Design and construct classroom space to house adult education. Adult education programs include English as a Second Language tutoring, literacy, General Equivalency Diploma, and citizenship classes. Community Development Block Grant funding (\$250,000) for this project has been included in the Community Services Department's operating budget. This facility will be constructed to meet the Civano Code energy efficiency standards.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Pima County Bonds	13B	300.0	1,200.0	-	1,200.0	-	-	-	-	1,200.0	-	1,500.0	
1984 General Obligation Bonds	46	95.0	-	-	-	-	-	-	-	-	-	95.0	
1994 General Obligation Bonds - Series D Interest	43I	55.0	-	-	-	-	-	-	-	-	-	55.0	
TOTAL			450.0	1,200.0	-	1,200.0	-	-	-	-	1,200.0	-	1,650.0
INFLATION ADJUSTMENT:						-							
ANNUAL OPERATING COST:						-							

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 5 START DATE: 7/00 END DATE: 6/03				PROJECT NUMBER: R901 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION 1,494.0 OTHER - INFLATION 6.0 PROJECT TOTAL 1,500.0			
PROJECT TITLE: Freedom Park Center Improvements DESCRIPTION: Construct the first phase of Freedom Park Center in accordance with the facility's master plan. Community Development Block Grant funding (\$475,000) for the design of this project has been included in the Community Services Department's operating budget. This facility will be constructed to meet the Civano Code energy efficiency standards.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Pima County Bonds	13B	-	1,200.0	-	1,200.0	200.0	-	-	-	1,400.0	-	1,400.0	
1994 General Obligation Bonds - Series D Interest	43I	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0	
TOTAL			-	1,300.0	-	1,300.0	200.0	-	-	-	1,500.0	-	1,500.0
INFLATION ADJUSTMENT:						6.0							
ANNUAL OPERATING COST:						-							

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 1 START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: R032 ESTIMATED PROJECT COST DESIGN 21.0 RIGHT-OF-WAY - CONSTRUCTION 179.0 OTHER - INFLATION - PROJECT TOTAL 200.0			
PROJECT TITLE: General Instruments Site DESCRIPTION: Design and construct a passive natural resources park on the city's westside.													
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002		PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005				YEAR 5 FY 2006
2000 General Obligation Bonds		40	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
TOTAL			-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
INFLATION ADJUSTMENT: -													
ANNUAL OPERATING COST: - 20.0 20.0 20.0 20.0 80.0													

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 4 START DATE: 7/03 END DATE: 6/04				PROJECT NUMBER: R039 ESTIMATED PROJECT COST DESIGN 36.0 RIGHT-OF-WAY - CONSTRUCTION 162.0 OTHER - INFLATION 12.0 PROJECT TOTAL 210.0			
PROJECT TITLE: Golf Links Sports Center Parking Improvements DESCRIPTION: Design and construct additional parking areas, curbs, sidewalks, lights, and roadway improvements.													
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002		PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005				YEAR 5 FY 2006
2000 General Obligation Bonds		40	-	-	-	-	-	210.0	-	-	210.0	-	210.0
TOTAL			-	-	-	-	-	210.0	-	-	210.0	-	210.0
INFLATION ADJUSTMENT: - 12.0 - 12.0 -													
ANNUAL OPERATING COST: - - - - -													

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)							WARD: Citywide				PROJECT NUMBER: R940		
PROJECT TITLE: Greenways and Natural Resource Areas - Acquisition and Development							START DATE: 7/00				ESTIMATED PROJECT COST		
DESCRIPTION: Acquire and develop appropriate natural resource areas within the city limits. Priorities will be developed through citizen input with Mayor and Council approval. Proposed projects include natural landscaping, parking, and playgrounds areas for the Miramonte Natural Rosource Area (\$200,000); family picnic areas, parking, and nature trails for the Kino Parkway/36th Street Natural Resource Area (\$200,000); and acquisition and development at to-be-determined locations (\$625,000).							END DATE: 6/04				DESIGN - RIGHT-OF-WAY 985.0 CONSTRUCTION - OTHER - INFLATION 40.0 PROJECT TOTAL 1,025.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 General Obligation Bonds	40	120.0	-	124.0	124.0	152.0	629.0	-	-	905.0	-	1,025.0	
TOTAL			-	124.0	124.0	152.0	629.0	-	-	905.0	-	1,025.0	
INFLATION ADJUSTMENT:						4.0	36.0	-	-	40.0	-	40.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

DEPARTMENT: Parks and Recreation - Parks Development (6080)							WARD: 6				PROJECT NUMBER: R942		
PROJECT TITLE: Hi Corbett Field Parking Garage							START DATE: 7/02				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a 1,400 vehicle parking garage for Hi Corbett Field activities. Future year funding would provide for expansion capability.							END DATE: 6/05				DESIGN 492.0 RIGHT-OF-WAY - CONSTRUCTION 8,572.0 OTHER - INFLATION 755.0 PROJECT TOTAL 9,819.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Unfunded Requirements	100	-	-	-	-	507.0	4,017.0	4,159.0	-	8,683.0	1,136.0	9,819.0	
TOTAL			-	-	-	507.0	4,017.0	4,159.0	-	8,683.0	1,136.0	9,819.0	
INFLATION ADJUSTMENT:						15.0	231.0	353.0	-	599.0	156.0	755.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 6 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: R037 ESTIMATED PROJECT COST DESIGN 36.0 RIGHT-OF-WAY - CONSTRUCTION 153.0 OTHER - INFLATION 6.0 PROJECT TOTAL 195.0		
PROJECT TITLE: Himmel Park Irrigation Replacement, Phase I DESCRIPTION: Design and construct a new replacement irrigation system.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	-	-	195.0	-	-	-	195.0	-	195.0
TOTAL			-	-	-	195.0	-	-	-	195.0	-	195.0
INFLATION ADJUSTMENT:						6.0	-	-	-	6.0	-	6.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: Citywide START DATE: 7/02 END DATE: 6/06				PROJECT NUMBER: R933 ESTIMATED PROJECT COST DESIGN 500.0 RIGHT-OF-WAY - CONSTRUCTION 1,372.0 OTHER - INFLATION 143.0 PROJECT TOTAL 2,015.0		
PROJECT TITLE: Irrigation System Replacement DESCRIPTION: Replace irrigation systems at city parks which have old inefficient irrigation systems that require high maintenance, waste water, and cause high stress on turf and trees. Proposed parks for this project include Kennedy (lower northside), Fort Lowell, Sears, Mirasol, and Alvernon Parks.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	515.0	426.0	568.0	506.0	2,015.0	-	2,015.0
TOTAL			-	-	-	515.0	426.0	568.0	506.0	2,015.0	-	2,015.0
INFLATION ADJUSTMENT:						15.0	24.0	48.0	56.0	143.0	-	143.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 3 START DATE: 7/01 END DATE: 6/03		PROJECT NUMBER: R909
PROJECT TITLE: Jacobs Park Pool Replacement										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a new bathhouse and pool at Jacobs Park. The new heated recreational-pool facility will provide additional programs and reduce annual maintenance costs. Input for the design of the new bathhouse and pool will be provided by the Young Men's Christian Association (YMCA).										DESIGN 114.0 RIGHT-OF-WAY - CONSTRUCTION 1,442.0 OTHER - INFLATION 44.0 PROJECT TOTAL 1,600.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	103.0	103.0	1,497.0	-	-	-	1,600.0	-	1,600.0
TOTAL		-	-	103.0	103.0	1,497.0	-	-	-	1,600.0	-	1,600.0
INFLATION ADJUSTMENT:						44.0	-	-	-	44.0	-	44.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 4 START DATE: 7/01 END DATE: 6/02		PROJECT NUMBER: R042
PROJECT TITLE: Lake Aeration System Replacement at Lakeside Park										ESTIMATED PROJECT COST		
DESCRIPTION: Replace the aeration system at Lakeside Park.										DESIGN 7.5 RIGHT-OF-WAY - CONSTRUCTION 67.5 OTHER - INFLATION - PROJECT TOTAL 75.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	75.0	-	75.0	-	-	-	-	75.0	-	75.0
TOTAL		-	75.0	-	75.0	-	-	-	-	75.0	-	75.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: Citywide START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: R931 ESTIMATED PROJECT COST DESIGN 57.0 RIGHT-OF-WAY - CONSTRUCTION 492.0 OTHER - INFLATION 16.0 PROJECT TOTAL 565.0		
PROJECT TITLE: Lake Improvements DESCRIPTION: Renovate man-made lakes to maintain good water quality and provide continued recreational opportunities. This project will redevelop the lakes through dredging and other improvements to add at least 20 more years of use.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	565.0	-	-	-	565.0	-	565.0
TOTAL			-	-	-	565.0	-	-	-	565.0	-	565.0
INFLATION ADJUSTMENT:						16.0	-	-	-	16.0	-	16.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 5 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: R046 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION 118.8 OTHER - INFLATION - PROJECT TOTAL 118.8		
PROJECT TITLE: Las Mariposas Park DESCRIPTION: Construct facility improvements to Las Mariposas Park.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima County Bonds	13B	108.8	10.0	-	10.0	-	-	-	-	10.0	-	118.8
TOTAL			108.8	10.0	10.0	-	-	-	-	10.0	-	118.8
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: Citywide START DATE: 7/02 END DATE: 6/08				PROJECT NUMBER: R911 ESTIMATED PROJECT COST		
PROJECT TITLE: Lighting System Improvements DESCRIPTION: Install lighting system improvements to city park facilities. In the early 1970s, many ballfield and court lighting systems were constructed with donated material and labor. These systems do not meet current lighting standards, require high maintenance, and are in danger of becoming unusable. Systematic replacements and upgrades are required to prevent system failures. The parks requiring improvements include Escalante, Freedom, Jesse Owens, Kennedy, Mansfield, Murrieta, Reid, Rodeo, and Vista del Prado.										DESIGN 138.0 RIGHT-OF-WAY - CONSTRUCTION 923.5 OTHER - INFLATION 135.5 PROJECT TOTAL 1,422.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	142.0	309.0	265.0	219.0	935.0	487.0	1,422.0
TOTAL		-	-	-	-	142.0	309.0	265.0	219.0	935.0	487.0	1,422.0
INFLATION ADJUSTMENT:						4.0	18.0	22.5	24.0	68.5	67.0	135.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 4 START DATE: 7/00 END DATE: 6/04				PROJECT NUMBER: R030 ESTIMATED PROJECT COST		
PROJECT TITLE: Lincoln Park/Clements Center, Phase II DESCRIPTION: Design and construct phase two of the Clements Center including a new gymnasium with adjacent aerobic and fitness training areas, meeting rooms, classrooms, an arts and crafts area, senior social facilities, additional parking, landscaping, and other amenities.										DESIGN 246.0 RIGHT-OF-WAY - CONSTRUCTION 3,561.0 OTHER - INFLATION 93.0 PROJECT TOTAL 3,900.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima County Bonds	13B	-	125.0	675.0	800.0	1,700.0	-	-	-	2,500.0	-	2,500.0
2000 General Obligation Bonds	40	50.0	-	200.0	200.0	800.0	350.0	-	-	1,350.0	-	1,400.0
TOTAL		50.0	125.0	875.0	1,000.0	2,500.0	350.0	-	-	3,850.0	-	3,900.0
INFLATION ADJUSTMENT:						73.0	20.0	-	-	93.0	-	93.0
ANNUAL OPERATING COST:						-	-	140.0	140.0	280.0	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080) PROJECT TITLE: Mansfield Park Irrigation Replacement DESCRIPTION: Design and construct a new pump station and irrigation system.						WARD: 3 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: R028 <u>ESTIMATED PROJECT COST</u> DESIGN 35.0 RIGHT-OF-WAY - CONSTRUCTION 185.0 OTHER - INFLATION - PROJECT TOTAL 220.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	100.0	120.0	-	120.0	-	-	-	-	120.0	-	220.0
TOTAL		100.0	120.0	-	120.0	-	-	-	-	120.0	-	220.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080) PROJECT TITLE: Mansfield Park Upgrade DESCRIPTION: Design and construct facility improvements to Mansfield Park to accommodate a regional center.						WARD: 3 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: R035 <u>ESTIMATED PROJECT COST</u> DESIGN 65.0 RIGHT-OF-WAY - CONSTRUCTION 178.0 OTHER - INFLATION 7.0 PROJECT TOTAL 250.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	-	-	250.0	-	-	-	250.0	-	250.0
TOTAL		-	-	-	-	250.0	-	-	-	250.0	-	250.0
INFLATION ADJUSTMENT:						7.0	-	-	-	7.0	-	7.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: Citywide START DATE: 7/00 END DATE: 6/05		PROJECT NUMBER: R914
PROJECT TITLE: Miscellaneous Parks Development/Renovations										ESTIMATED PROJECT COST		
DESCRIPTION: Conduct a citywide neighborhood park analysis, with input from the community, and construct identified upgrades, renovations, repairs, and new park features.										DESIGN	141.0	
										RIGHT-OF-WAY	-	
										CONSTRUCTION	1,211.5	
										OTHER	-	
										INFLATION	47.5	
										PROJECT TOTAL	1,400.0	
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	278.0	-	286.0	286.0	295.0	271.0	270.0	-	1,122.0	-	1,400.0
TOTAL		278.0	-	286.0	286.0	295.0	271.0	270.0	-	1,122.0	-	1,400.0
INFLATION ADJUSTMENT:						8.5	16.0	23.0	-	47.5	-	47.5
ANNUAL OPERATING COST:						-	-	20.0	40.0	60.0	80.0	200.0

DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 1, 2, 5, 6 START DATE: 7/00 END DATE: 6/05		PROJECT NUMBER: R036
PROJECT TITLE: New Comfort Stations										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct comfort stations that meet Americans with Disabilities Act (ADA) standards at DeAnza, Estevan, Palo Verde, Rodeo, Menlo, and Santa Cruz River Parks.										DESIGN	98.0	
										RIGHT-OF-WAY	-	
										CONSTRUCTION	844.0	
										OTHER	-	
										INFLATION	38.0	
										PROJECT TOTAL	980.0	
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	98.0	-	227.0	227.0	212.0	219.0	224.0	-	882.0	-	980.0
TOTAL		98.0	-	227.0	227.0	212.0	219.0	224.0	-	882.0	-	980.0
INFLATION ADJUSTMENT:						6.0	13.0	19.0	-	38.0	-	38.0
ANNUAL OPERATING COST:						-	-	15.0	20.0	15.0	15.0	65.0

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)							WARD: 3				PROJECT NUMBER: R021		
PROJECT TITLE: North Central District Park							START DATE: 5/99				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a passive natural resource park with environmental education exhibits, equestrian amenities, parking areas, dog runs, and recreational amenities. Additionally, the City of Tucson has applied for a grant in the amount of \$191,800 from the Arizona Heritage Land and Conservation Fund. Award of this grant will not be known until November 2001.							END DATE: 6/06				DESIGN 44.2 RIGHT-OF-WAY - CONSTRUCTION 1,537.8 OTHER - INFLATION 101.0 PROJECT TOTAL 1,683.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
General Fund	01	7.7	-	-	-	-	-	-	-	-	-	7.7	
1994 General Obligation Bonds - Series B Interest	371	27.3	-	-	-	-	-	-	-	-	-	27.3	
2000 General Obligation Bonds	40	-	200.0	-	200.0	-	-	-	-	200.0	-	200.0	
Unfunded Requirements	100	-	-	-	-	300.0	500.0	348.0	300.0	1,448.0	-	1,448.0	
TOTAL			35.0	200.0	-	200.0	300.0	500.0	348.0	300.0	1,648.0	-	1,683.0
INFLATION ADJUSTMENT:						9.0	29.0	29.5	33.5	101.0	-	101.0	
ANNUAL OPERATING COST:						-	-	-	50.0	80.0	130.0		

DEPARTMENT: Parks and Recreation - Parks Development (6080)							WARD: 3				PROJECT NUMBER: R945		
PROJECT TITLE: Northwest Neighborhood Center Renovation							START DATE: 7/02				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct improvements to provide space for social service agencies; options being investigated range from constructing a 3,400 square foot addition to the existing facility to purchasing and renovating a building on North 6th Avenue. The project would also provide improvements to the surrounding park.							END DATE: 6/05				DESIGN 344.0 RIGHT-OF-WAY - CONSTRUCTION 3,054.0 OTHER - INFLATION 247.0 PROJECT TOTAL 3,645.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Unfunded Requirements	100	-	-	-	-	200.0	1,854.0	1,591.0	-	3,645.0	-	3,645.0	
TOTAL			-	-	-	200.0	1,854.0	1,591.0	-	3,645.0	-	3,645.0	
INFLATION ADJUSTMENT:						6.0	106.0	135.0	-	247.0	-	247.0	
ANNUAL OPERATING COST:						-	-	180.0	280.0	740.0			

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 3, 6 START DATE: 7/00 END DATE: 6/03				PROJECT NUMBER: R953		
PROJECT TITLE: Northwest Regional Center, Phase I										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a regional center complex to provide recreational services for residents of Wards 3 and 6.										DESIGN 205.0 RIGHT-OF-WAY 800.0 CONSTRUCTION 1,020.0 OTHER - INFLATION 31.0 PROJECT TOTAL 2,056.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	105.0	100.0	800.0	900.0	1,051.0	-	-	-	1,951.0	-	2,056.0
TOTAL		105.0	100.0	800.0	900.0	1,051.0	-	-	-	1,951.0	-	2,056.0
INFLATION ADJUSTMENT:						31.0	-	-	-	31.0	-	31.0
ANNUAL OPERATING COST:						-	100.0	100.0	100.0	300.0	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 1 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: R936		
PROJECT TITLE: Oury and Ormsby Centers										ESTIMATED PROJECT COST		
DESCRIPTION: Design and plan improvements to the centers that will modernize the facilities for energy efficiency and accessibility to all users.										DESIGN 49.0 RIGHT-OF-WAY - CONSTRUCTION - OTHER - INFLATION 1.0 PROJECT TOTAL 50.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	-	-	50.0	-	-	-	50.0	-	50.0
TOTAL		-	-	-	-	50.0	-	-	-	50.0	-	50.0
INFLATION ADJUSTMENT:						1.0	-	-	-	1.0	-	1.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 2 START DATE: 7/03 END DATE: 6/04				PROJECT NUMBER: R038 <u>ESTIMATED PROJECT COST</u> DESIGN 15.0 RIGHT-OF-WAY - CONSTRUCTION 89.0 OTHER - INFLATION 6.0 PROJECT TOTAL 110.0			
PROJECT TITLE: Palo Verde Little League Lights Replacement DESCRIPTION: Design and construct the replacement of the little league lighting system for Palo Verde Park.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 General Obligation Bonds	40	-	-	-	-	-	110.0	-	-	110.0	-	110.0	
TOTAL			-	-	-	-	110.0	-	-	110.0	-	110.0	
INFLATION ADJUSTMENT:						-		6.0	-	-	6.0	-	6.0
ANNUAL OPERATING COST:						-		-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: Citywide START DATE: 6/96 END DATE: Annual				PROJECT NUMBER: R717 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 424.0 INFLATION 26.0 PROJECT TOTAL 450.0			
PROJECT TITLE: Parks Foundation Projects DESCRIPTION: Budget capacity for donations made by the Parks Foundation to improve the parks system. Projects are dependent on fund raising and approval of the Parks Foundation.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
General Fund - Parks Foundation	01D	-	-	90.0	90.0	90.0	90.0	90.0	90.0	450.0	-	450.0	
TOTAL			-	90.0	90.0	90.0	90.0	90.0	90.0	450.0	-	450.0	
INFLATION ADJUSTMENT:						3.0		5.0	8.0	10.0	26.0	-	26.0
ANNUAL OPERATING COST:						-		-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 6 START DATE: 7/02 END DATE: 6/04		PROJECT NUMBER: R944
PROJECT TITLE: Performing Arts Center Renovation										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct improvements that will provide for historic renovation and long-term stabilization of a deteriorating masonry structure. Building assessments and repairs will include structural, mechanical, plumbing, and electrical systems.										DESIGN 212.3 RIGHT-OF-WAY - CONSTRUCTION 1,312.3 OTHER 214.7 INFLATION 71.7 PROJECT TOTAL 1,811.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	1,134.0	677.0	-	-	1,811.0	-	1,811.0
TOTAL		-	-	-	-	1,134.0	677.0	-	-	1,811.0	-	1,811.0
INFLATION ADJUSTMENT:						33.0	38.7	-	-	71.7	-	71.7
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 1, 4, 5 START DATE: 7/00 END DATE: 6/05		PROJECT NUMBER: R043
PROJECT TITLE: Playground Equipment Replacement										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct the replacement of old playground equipment and replace with new, modernized, and safer playground equipment that meets Americans with Disabilities Act (ADA) standards. The parks requiring replacement of playground equipment include the Michael Perry, Bravo, Eastmoor, Vista del Prado, and Santa Cruz River Parks.										DESIGN 94.0 RIGHT-OF-WAY - CONSTRUCTION 293.0 OTHER - INFLATION 13.0 PROJECT TOTAL 400.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	80.0	-	82.0	82.0	85.0	87.0	66.0	-	320.0	-	400.0
TOTAL		80.0	-	82.0	82.0	85.0	87.0	66.0	-	320.0	-	400.0
INFLATION ADJUSTMENT:						2.0	5.0	6.0	-	13.0	-	13.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 5 START DATE: 7/00 END DATE: 7/04		PROJECT NUMBER: R022
PROJECT TITLE: Quincie Douglas Center, Phase II										ESTIMATED PROJECT COST		
DESCRIPTION: Add 5,300 square feet of space to the existing recreation and youth centers, and provide for the design and construction of a new little league field and other amenities.										DESIGN 200.0 RIGHT-OF-WAY - CONSTRUCTION 1,742.0 OTHER - INFLATION 58.0 PROJECT TOTAL 2,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima County Bonds	13B	-	75.0	422.0	497.0	996.0	507.0	-	-	2,000.0	-	2,000.0
TOTAL		-	75.0	422.0	497.0	996.0	507.0	-	-	2,000.0	-	2,000.0
INFLATION ADJUSTMENT:						29.0	29.0	-	-	58.0	-	58.0
ANNUAL OPERATING COST:						-	-	208.0	208.0	416.0		

DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 6 START DATE: 7/02 END DATE: 6/04		PROJECT NUMBER: R912
PROJECT TITLE: Randolph Center Improvements										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a new bathhouse and air conditioning system for the gymnasium complex at Randolph Center.										DESIGN 220.0 RIGHT-OF-WAY - CONSTRUCTION 1,236.0 OTHER - INFLATION 74.0 PROJECT TOTAL 1,530.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	500.0	1,030.0	-	-	1,530.0	-	1,530.0
TOTAL		-	-	-	-	500.0	1,030.0	-	-	1,530.0	-	1,530.0
INFLATION ADJUSTMENT:						15.0	59.0	-	-	74.0	-	74.0
ANNUAL OPERATING COST:						-	-	35.0	35.0	105.0		

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 6 START DATE: 7/01 END DATE: 6/04				PROJECT NUMBER: R910 <u>ESTIMATED PROJECT COST</u> DESIGN 185.0 RIGHT-OF-WAY - CONSTRUCTION 2,225.0 OTHER - INFLATION 95.0 PROJECT TOTAL 2,505.0		
PROJECT TITLE: Reid Park Renovation DESCRIPTION: Design and construct improvements to Reid Park as outlined in the 1998 Park Master Plan including the replacement of comfort stations to make them accessible to the physically challenged, approximately 6,000 linear feet of sidewalks, new and replacement ramadas, and general landscape renovation including irrigation replacement and a pump station.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	185.0	185.0	1,320.0	1,000.0	-	-	2,505.0	-	2,505.0
TOTAL			-	-	185.0	1,320.0	1,000.0	-	-	2,505.0	-	2,505.0
INFLATION ADJUSTMENT:						38.0	57.0	-	-	95.0	-	95.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: Citywide START DATE: 7/03 END DATE: 6/04				PROJECT NUMBER: R941 <u>ESTIMATED PROJECT COST</u> DESIGN 195.0 RIGHT-OF-WAY - CONSTRUCTION - OTHER - INFLATION 12.0 PROJECT TOTAL 207.0		
PROJECT TITLE: Reuse of Landfill Areas DESCRIPTION: Provide environmental analyses and planning of recreation and open space uses for closed landfills.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	-	-	-	207.0	-	-	207.0	-	207.0
TOTAL			-	-	-	-	207.0	-	-	207.0	-	207.0
INFLATION ADJUSTMENT:						-	12.0	-	-	12.0	-	12.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 2 START DATE: 7/00 END DATE: 6/05		PROJECT NUMBER: R023
PROJECT TITLE: Rillito Park at Columbus Boulevard District Park										ESTIMATED PROJECT COST DESIGN 896.0 RIGHT-OF-WAY - CONSTRUCTION 1,427.0 OTHER - INFLATION 77.0 PROJECT TOTAL 2,400.0		
DESCRIPTION: Develop a master plan and construct a community district park with ball fields, walking path, jogging areas, off-leash dog areas, playground, and picnic areas.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima County Bonds	13B	75.0	-	821.0	821.0	604.0	626.0	274.0	-	2,325.0	-	2,400.0
TOTAL		75.0	-	821.0	821.0	604.0	626.0	274.0	-	2,325.0	-	2,400.0
INFLATION ADJUSTMENT:						18.0	36.0	23.0	-	77.0	-	77.0
ANNUAL OPERATING COST:						-	200.0	200.0	20.0	420.0	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 4 START DATE: 7/01 END DATE: 6/04		PROJECT NUMBER: R907
PROJECT TITLE: Rita Ranch Park, Phase IV										ESTIMATED PROJECT COST DESIGN 82.0 RIGHT-OF-WAY - CONSTRUCTION 684.0 OTHER - INFLATION 34.0 PROJECT TOTAL 800.0		
DESCRIPTION: Design and construct phase four of the Rita Ranch Park Master Plan, including baseball, little league, softball, and soccer fields, ramadas, tennis courts, a parking area, or other facilities based on neighborhood priorities. This may be a joint-use facility with the Vail School District.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	82.0	82.0	255.0	463.0	-	-	800.0	-	800.0
TOTAL		-	-	82.0	82.0	255.0	463.0	-	-	800.0	-	800.0
INFLATION ADJUSTMENT:						7.0	27.0	-	-	34.0	-	34.0
ANNUAL OPERATING COST:						-	-	70.8	70.8	141.6	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 5 START DATE: 7/00 END DATE: 6/03		PROJECT NUMBER: R917
PROJECT TITLE: Rodeo Grounds Improvements										ESTIMATED PROJECT COST		
DESCRIPTION: Construct improvements to the Rodeo Grounds in accordance with the Rodeo Grounds Advisory Committee recommendations that were authorized by Mayor and Council. Support facilities will be modernized to promote events and ensure accessibility for all users. This will be a coordinated effort with the users of the Rodeo Grounds facilities.										DESIGN	-	
										RIGHT-OF-WAY	-	
										CONSTRUCTION	986.0	
										OTHER	-	
										INFLATION	14.0	
										PROJECT TOTAL	1,000.0	
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	510.0	-	-	-	490.0	-	-	-	490.0	-	1,000.0
TOTAL		510.0	-	-	-	490.0	-	-	-	490.0	-	1,000.0
INFLATION ADJUSTMENT:						14.0	-	-	-	14.0	-	14.0
ANNUAL OPERATING COST:						-	30.0	30.0	30.0	90.0	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)										WARD: 1 START DATE: 7/00 END DATE: 6/04		PROJECT NUMBER: R939
PROJECT TITLE: Santa Cruz River Sports Park										ESTIMATED PROJECT COST		
DESCRIPTION: Develop, design, and construct a baseball and soccer sports complex along the east bank of the Santa Cruz River, north of Ajo Way.										DESIGN	42.5	
										RIGHT-OF-WAY	-	
										CONSTRUCTION	1,750.5	
										OTHER	-	
										INFLATION	57.0	
										PROJECT TOTAL	1,850.0	
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima County Bonds	13B	42.5	-	807.5	807.5	-	-	-	-	807.5	-	850.0
2000 General Obligation Bonds	40	-	-	-	-	-	1,000.0	-	-	1,000.0	-	1,000.0
TOTAL		42.5	-	807.5	807.5	-	1,000.0	-	-	1,807.5	-	1,850.0
INFLATION ADJUSTMENT:						-	57.0	-	-	57.0	-	57.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)							WARD: 5 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: R015 <u>ESTIMATED PROJECT COST</u> DESIGN 20.0 RIGHT-OF-WAY - CONSTRUCTION 230.0 OTHER - INFLATION - PROJECT TOTAL 250.0		
PROJECT TITLE: Santa Rita Park Lighting Improvements DESCRIPTION: Install lighting for an existing baseball field in Santa Rita Park.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Pima County Bonds	13B	16.3	183.7	-	183.7	-	-	-	-	183.7	-	200.0	
1994 General Obligation Bonds Series D	43	50.0	-	-	-	-	-	-	-	-	-	50.0	
TOTAL			66.3	183.7	-	183.7	-	-	-	-	-	250.0	
INFLATION ADJUSTMENT:			-										
ANNUAL OPERATING COST:			-										

DEPARTMENT: Parks and Recreation - Parks Development (6080)							WARD: 5 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: R111 <u>ESTIMATED PROJECT COST</u> DESIGN 410.0 RIGHT-OF-WAY - CONSTRUCTION 2,398.0 OTHER - INFLATION - PROJECT TOTAL 2,808.0		
PROJECT TITLE: Santa Rosa Center Upgrade DESCRIPTION: Design and construct the second phase of the Santa Rosa Center including the addition of spectator seating in the gymnasium, a multi-use area, a wellness center, and additional parking.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 General Obligation Bonds	40	410.0	-	2,398.0	2,398.0	-	-	-	-	2,398.0	-	2,808.0	
TOTAL			410.0	-	2,398.0	2,398.0	-	-	-	-	-	2,808.0	
INFLATION ADJUSTMENT:			-										
ANNUAL OPERATING COST:			-										

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)							WARD: 4			PROJECT NUMBER: R949			
PROJECT TITLE: Southeast Regional Recreational Amenities (Civano)							START DATE: 7/05						
DESCRIPTION: Design and construct a regional center and park as outlined in the Civano development contract, as amended by the developer and approved by the Mayor and Council.							END DATE: 6/07			<u>ESTIMATED PROJECT COST</u>			
										DESIGN 400.0			
										RIGHT-OF-WAY -			
										CONSTRUCTION 3,106.0			
										OTHER -			
										INFLATION 494.0			
										PROJECT TOTAL 4,000.0			
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements		100	-	-	-	-	-	-	-	2,138.0	2,138.0	1,862.0	4,000.0
TOTAL			-	-	-	-	-	-	-	2,138.0	2,138.0	1,862.0	4,000.0
INFLATION ADJUSTMENT:										238.0 238.0 256.0 494.0			
ANNUAL OPERATING COST:										- - - - - -			

DEPARTMENT: Parks and Recreation - Parks Development (6080)							WARD: Citywide			PROJECT NUMBER: R011			
PROJECT TITLE: State Heritage Fund Grants							START DATE: 7/98						
DESCRIPTION: Budget capacity for the city to participate in the Local, Regional, and State Park Heritage Fund Program established in 1991 by State Proposition 200. The Arizona State Parks Department accepts eligible applications for funding on a 50% matching basis. Applications from jurisdictions throughout the state are selected by a competitive rating system. Specific project requests will be forwarded to Mayor and Council.							END DATE: Annual			<u>ESTIMATED PROJECT COST</u>			
										DESIGN -			
										RIGHT-OF-WAY -			
										CONSTRUCTION 2,040.0			
										OTHER -			
										INFLATION 60.0			
										PROJECT TOTAL 2,100.0			
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Miscellaneous Non-Federal Grants		93	-	-	700.0	700.0	700.0	-	-	2,100.0	-	2,100.0	
TOTAL			-	-	700.0	700.0	700.0	-	-	2,100.0	-	2,100.0	
INFLATION ADJUSTMENT:										60.0 - 60.0			
ANNUAL OPERATING COST:										- - - - -			

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: Citywide START DATE: 7/02 END DATE: 6/06				PROJECT NUMBER: R922 <u>ESTIMATED PROJECT COST</u> DESIGN 125.0 RIGHT-OF-WAY - CONSTRUCTION 1,026.0 OTHER - INFLATION 59.0 PROJECT TOTAL 1,210.0		
PROJECT TITLE: Swimming Pool Rehabilitation DESCRIPTION: Design and construct major modifications to existing pool complexes to increase their utility and useful life. Proposed pools include Menlo Park, Fort Lowell Park, Amphi High School, Purple Heart Park, El Pueblo Center, and Randolph Park.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	650.0	330.0	170.0	60.0	1,210.0	-	1,210.0
TOTAL			-	-	-	650.0	330.0	170.0	60.0	1,210.0	-	1,210.0
INFLATION ADJUSTMENT:						19.0	19.0	14.0	7.0	59.0	-	59.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080)						WARD: 1, 5 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: R026 <u>ESTIMATED PROJECT COST</u> DESIGN 25.0 RIGHT-OF-WAY - CONSTRUCTION 475.0 OTHER - INFLATION - PROJECT TOTAL 500.0		
PROJECT TITLE: Tucson Diversion Channel Soccer Field DESCRIPTION: Develop a soccer field facility in the south-central area of Tucson with park support amenities, including restrooms, picnic areas, and parking.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima County Bonds	13B	25.0	-	475.0	475.0	-	-	-	-	475.0	-	500.0
TOTAL			25.0	-	475.0	-	-	-	-	475.0	-	500.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	47.0	47.0	47.0	47.0	188.0

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Parks Development (6080) PROJECT TITLE: Udall Park and Center, Phase II DESCRIPTION: Design and construct phase two improvements to Udall Park and Center including expansion of the senior area for recreational space and additional outdoor park amenities.						WARD: 2 START DATE: 7/00 END DATE: 6/03				PROJECT NUMBER: R905 <u>ESTIMATED PROJECT COST</u> DESIGN 100.0 RIGHT-OF-WAY - CONSTRUCTION 1,864.0 OTHER - INFLATION 36.0 PROJECT TOTAL 2,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	50.0	-	708.0	708.0	1,242.0	-	-	-	1,950.0	-	2,000.0
TOTAL		50.0	-	708.0	708.0	1,242.0	-	-	-	1,950.0	-	2,000.0
INFLATION ADJUSTMENT:						36.0	-	-	-	36.0	-	36.0
ANNUAL OPERATING COST:						-	200.0	200.0	200.0	600.0	-	-

DEPARTMENT: Parks and Recreation - Parks Development (6080) PROJECT TITLE: Udall Park Facility Improvements DESCRIPTION: Design and construct of additional park infrastructure for the future development of sports fields and park access.						WARD: 2 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: R040 <u>ESTIMATED PROJECT COST</u> DESIGN 55.0 RIGHT-OF-WAY - CONSTRUCTION 385.0 OTHER - INFLATION - PROJECT TOTAL 440.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	50.0	-	390.0	390.0	-	-	-	-	390.0	-	440.0
TOTAL		50.0	-	390.0	390.0	-	-	-	-	390.0	-	440.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	20.0	20.0	20.0	80.0	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Parks and Recreation - Parks Development (6080) PROJECT TITLE: Udall Park Play Field Improvements DESCRIPTION: Design and develop a lighted soccer field with a parking area and restrooms.						WARD: 2 START DATE: 7/00 END DATE: 6/03				PROJECT NUMBER: R024 <u>ESTIMATED PROJECT COST</u> DESIGN 25.0 RIGHT-OF-WAY - CONSTRUCTION 469.0 OTHER - INFLATION 6.0 PROJECT TOTAL 500.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima County Bonds	13B	25.0	-	271.0	271.0	204.0	-	-	-	475.0	-	500.0
TOTAL		25.0	-	271.0	271.0	204.0	-	-	-	475.0	-	500.0
INFLATION ADJUSTMENT:						6.0	-	-	-	6.0	-	6.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Parks and Recreation

FIVE-YEAR TOTAL: \$ 3,342,000

PROGRAM AREA: Zoo Improvements

This program is a continuing effort to upgrade the Reid Park Zoo's animal enclosures and other zoo-related facilities to levels that meet recognized zoological standards in the United States. The goal is a zoological park of merit that can offer the citizens of Tucson recreational and educational experiences through displays of wildlife in their natural habitat or in quality and comfortable viewing exhibits. This program includes \$1.70 million in general fund and provides for the construction of new natural habitat exhibits for the pachyderm collection. Additionally, it provides for the construction of a new comfort station at the zoo entrance that meets Americans with Disabilities Act (ADA) standards and construction of a new education facility, gift shop, snack bar, and ticket office funded with \$1.64 million in 2000 General Obligation Bonds and bond fund interest.

Parks and Recreation

DEPARTMENT

Zoo Improvements

PROGRAM AREA

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Reid Park Zoo - Comfort Stations at Zoo Entrance	B - 71	25.0	-	225.0	225.0	-	-	-	-	225.0	-	250.0
2000 General Obligation Bonds		25.0	-	225.0	225.0	-	-	-	-	225.0	-	250.0
Reid Park Zoo - Pachyderm Exhibit Space	B - 71	-	-	213.0	213.0	1,700.0	-	-	-	1,913.0	-	1,913.0
General Fund		-	-	-	-	1,700.0	-	-	-	1,700.0	-	1,700.0
2000 General Obligation Bonds - Interest		-	-	213.0	213.0	-	-	-	-	213.0	-	213.0
Reid Park Zoo - Education Facility, Gift Shop, Snack Bar, and Ticket Office	B - 72	100.0	-	100.0	100.0	-	1,104.0	-	-	1,204.0	-	1,304.0
2000 General Obligation Bonds		100.0	-	100.0	100.0	-	1,104.0	-	-	1,204.0	-	1,304.0
TOTAL		125.0	-	538.0	538.0	1,700.0	1,104.0	-	-	3,342.0	-	3,467.0
Source of Funds	Fund No.											
General Fund	01	-	-	-	-	1,700.0	-	-	-	1,700.0	-	1,700.0
2000 General Obligation Bonds	40	125.0	-	325.0	325.0	-	1,104.0	-	-	1,429.0	-	1,554.0
2000 General Obligation Bonds - Interest	40I	-	-	213.0	213.0	-	-	-	-	213.0	-	213.0
TOTAL		125.0	-	538.0	538.0	1,700.0	1,104.0	-	-	3,342.0	-	3,467.0
Inflation Adjustment				-	-	50.0	63.0	-	-	113.0	-	113.0
Annual Operating Cost				-	-	-	20.0	20.0	20.0	60.0		

CAPITAL PROJECTS

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DEPARTMENT: Parks and Recreation - Zoo Improvements (6082)						WARD: 6 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: R916 <u>ESTIMATED PROJECT COST</u> DESIGN 25.0 RIGHT-OF-WAY - CONSTRUCTION 225.0 OTHER - INFLATION - PROJECT TOTAL 250.0			
PROJECT TITLE: Reid Park Zoo - Comfort Stations at Zoo Entrance DESCRIPTION: Design and construct a comfort station at the zoo entrance that meets Americans with Disabilities Act (ADA) standards.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 General Obligation Bonds	40	25.0	-	225.0	225.0	-	-	-	-	225.0	-	250.0	
TOTAL			-	225.0	225.0	-	-	-	-	225.0	-	250.0	
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

DEPARTMENT: Parks and Recreation - Zoo Improvements (6082)						WARD: 6 START DATE: 7/01 END DATE: 6/03				PROJECT NUMBER: R924 <u>ESTIMATED PROJECT COST</u> DESIGN 213.0 RIGHT-OF-WAY - CONSTRUCTION 1,650.0 OTHER - INFLATION 50.0 PROJECT TOTAL 1,913.0			
PROJECT TITLE: Reid Park Zoo - Pachyderm Exhibit Space DESCRIPTION: Design and construct a pachyderm exhibit space for elephants, hippopotamuses, and rhinoceros. This funding would provide the required local match for a private grant.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
General Fund	01	-	-	-	-	1,700.0	-	-	-	1,700.0	-	1,700.0	
2000 General Obligation Bonds - Interest	40I	-	-	213.0	213.0	-	-	-	-	213.0	-	213.0	
TOTAL			-	213.0	213.0	1,700.0	-	-	-	1,913.0	-	1,913.0	
INFLATION ADJUSTMENT:						50.0	-	-	-	50.0	-	50.0	
ANNUAL OPERATING COST:						-	-	20.0	20.0	20.0	60.0	-	

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Parks and Recreation - Zoo Improvements (6082) PROJECT TITLE: Reid Park Zoo - Education Facility, Gift Shop, Snack Bar, and Ticket Office DESCRIPTION: Design and construct an education facility, gift shop, snack bar, and ticket office.						WARD: 6 START DATE: 7/00 END DATE: 6/04				PROJECT NUMBER: R919 ESTIMATED PROJECT COST DESIGN 200.0 RIGHT-OF-WAY - CONSTRUCTION 1,041.0 OTHER - INFLATION 63.0 PROJECT TOTAL 1,304.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	100.0	-	100.0	100.0	-	1,104.0	-	-	1,204.0	-	1,304.0
TOTAL		100.0	-	100.0	100.0	-	1,104.0	-	-	1,204.0	-	1,304.0
INFLATION ADJUSTMENT:						-	63.0	-	-	63.0	-	63.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	

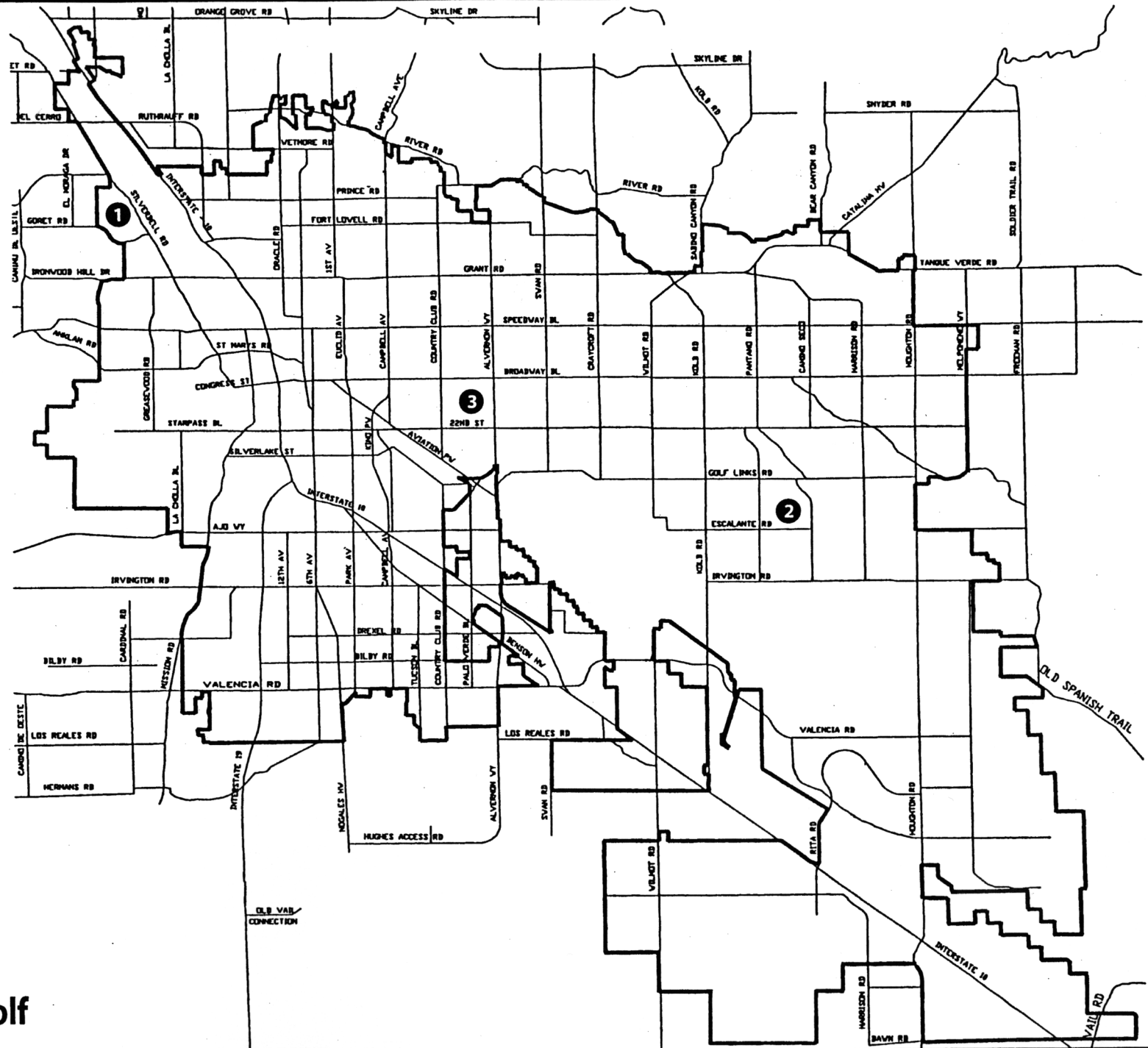
**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson City Golf

FIVE-YEAR TOTAL: \$ 1,261,900

Tucson City Golf uses golf fee revenues to maintain its facilities and to preserve recreational opportunities for the golfing community. All improvements will be developed in a manner that responds to the needs and the demands of the golfing public, and at the same time, makes the best use of the limited capital investment monies.



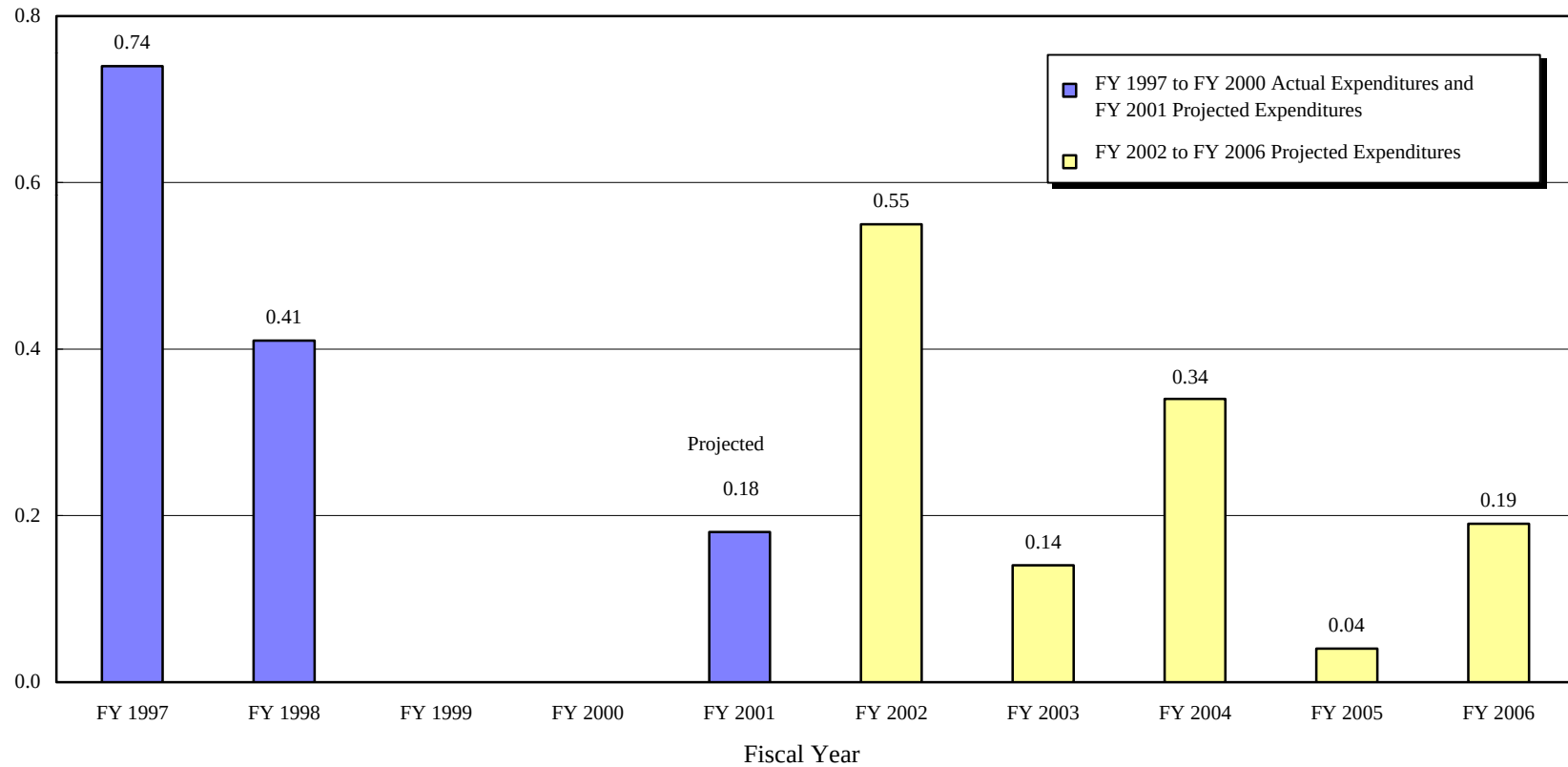
Tucson City Golf

CAPITAL PROJECTS LOCATIONS

Tucson City Golf

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Silverbell Golf Course Improvements	FY 2004	3. Randolph North Golf Course Improvements	FY 2003
2. Fred Enke Golf Course Improvements	FY 2006		

**Capital Improvements
Ten-Year Comparison
Tucson City Golf
(\$ Millions)**



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Fred Enke Golf Course Improvements	B - 78	52.5	297.5	-	297.5	31.0	180.0	41.0	198.0	747.5	-	800.0
Golf Course Fund		-	50.0	-	50.0	31.0	180.0	41.0	198.0	500.0	-	500.0
Golf Course Fund - Certificates of Participation		52.5	247.5	-	247.5	-	-	-	-	247.5	-	300.0
Randolph North Golf Course Improvements	B - 78	-	-	-	-	80.0	-	-	-	80.0	-	80.0
Golf Course Fund		-	-	-	-	80.0	-	-	-	80.0	-	80.0
Silverbell Golf Course Improvements	B - 79	120.6	224.4	25.0	249.4	25.0	160.0	-	-	434.4	-	555.0
Golf Course Fund		90.1	54.9	25.0	79.9	25.0	160.0	-	-	264.9	-	355.0
Golf Course Fund - Certificates of Participation		30.5	169.5	-	169.5	-	-	-	-	169.5	-	200.0
TOTAL		173.1	521.9	25.0	546.9	136.0	340.0	41.0	198.0	1,261.9	-	1,435.0
Source of Funds	Fund No.											
Golf Course Fund	07	90.1	104.9	25.0	129.9	136.0	340.0	41.0	198.0	844.9	-	935.0
Golf Course Fund - Certificates of Participation	07C	83.0	417.0	-	417.0	-	-	-	-	417.0	-	500.0
TOTAL		173.1	521.9	25.0	546.9	136.0	340.0	41.0	198.0	1,261.9	-	1,435.0
Inflation Adjustment				-	-	4.0	19.0	3.5	22.0	48.5	-	48.5
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson City Golf (6190)							WARD: 4				PROJECT NUMBER: G906		
PROJECT TITLE: Fred Enke Golf Course Improvements							START DATE: 7/00				ESTIMATED PROJECT COST		
DESCRIPTION: Install concrete low-flow crossings on holes 2, 4, 5, 6, 7, 8, 9, 12, 13, and 14 to facilitate access and cleaning after major precipitation causes washes to flow. Additionally, design and construct minor design changes to the golf course, construct a maintenance building, replace a pump station, and renovate concrete cart paths for tees and greens.							END DATE: 6/06				DESIGN 92.5		
											RIGHT-OF-WAY -		
											CONSTRUCTION 671.0		
											OTHER -		
											INFLATION 36.5		
											PROJECT TOTAL 800.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Golf Course Fund	07	-	50.0	-	50.0	31.0	180.0	41.0	198.0	500.0	-	500.0	
Golf Course Fund - Certificates of Participation	07C	52.5	247.5	-	247.5	-	-	-	-	247.5	-	300.0	
TOTAL			52.5	297.5	-	297.5	31.0	180.0	41.0	198.0	747.5	-	800.0
INFLATION ADJUSTMENT:						1.0	10.0	3.5	22.0	36.5	-	36.5	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

DEPARTMENT: Tucson City Golf (6190)							WARD: 1				PROJECT NUMBER: G910		
PROJECT TITLE: Randolph North Golf Course Improvements							START DATE: 7/02				ESTIMATED PROJECT COST		
DESCRIPTION: Construct a new chemical wash pad and renovate a bunker.							END DATE: 6/03				DESIGN -		
											RIGHT-OF-WAY -		
											CONSTRUCTION 78.0		
											OTHER -		
											INFLATION 2.0		
											PROJECT TOTAL 80.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Golf Course Fund	07	-	-	-	-	80.0	-	-	-	80.0	-	80.0	
TOTAL			-	-	-	80.0	-	-	-	80.0	-	80.0	
INFLATION ADJUSTMENT:						2.0	-	-	-	2.0	-	2.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson City Golf (6190)						WARD: 1 START DATE: 7/00 END DATE: 6/04				PROJECT NUMBER: G905		
PROJECT TITLE: Silverbell Golf Course Improvements										ESTIMATED PROJECT COST		
DESCRIPTION: Replace comfort stations on the course near holes 6 and 13, build a new tee at hole 5, level the tee at hole 14, build new tees at holes 17 and 18 to reconfigure holes and level existing tees, and connect the clubhouse/restaurant to the sewer line. Other improvements include upgrading the irrigation system, renovating bunkers, installing low-flow wash crossings, renovating concrete cart paths for tees and greens, and replacing the clubhouse carpeting.										DESIGN 55.8 RIGHT-OF-WAY - CONSTRUCTION 489.2 OTHER - INFLATION 10.0 PROJECT TOTAL 555.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Golf Course Fund	07	90.1	54.9	25.0	79.9	25.0	160.0	-	-	264.9	-	355.0
Golf Course Fund - Certificates of Participation	07C	30.5	169.5	-	169.5	-	-	-	-	169.5	-	200.0
TOTAL		120.6	224.4	25.0	249.4	25.0	160.0	-	-	434.4	-	555.0
INFLATION ADJUSTMENT:						1.0	9.0	-	-	10.0	-	10.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Police

FIVE-YEAR TOTAL: \$ 27,455,500

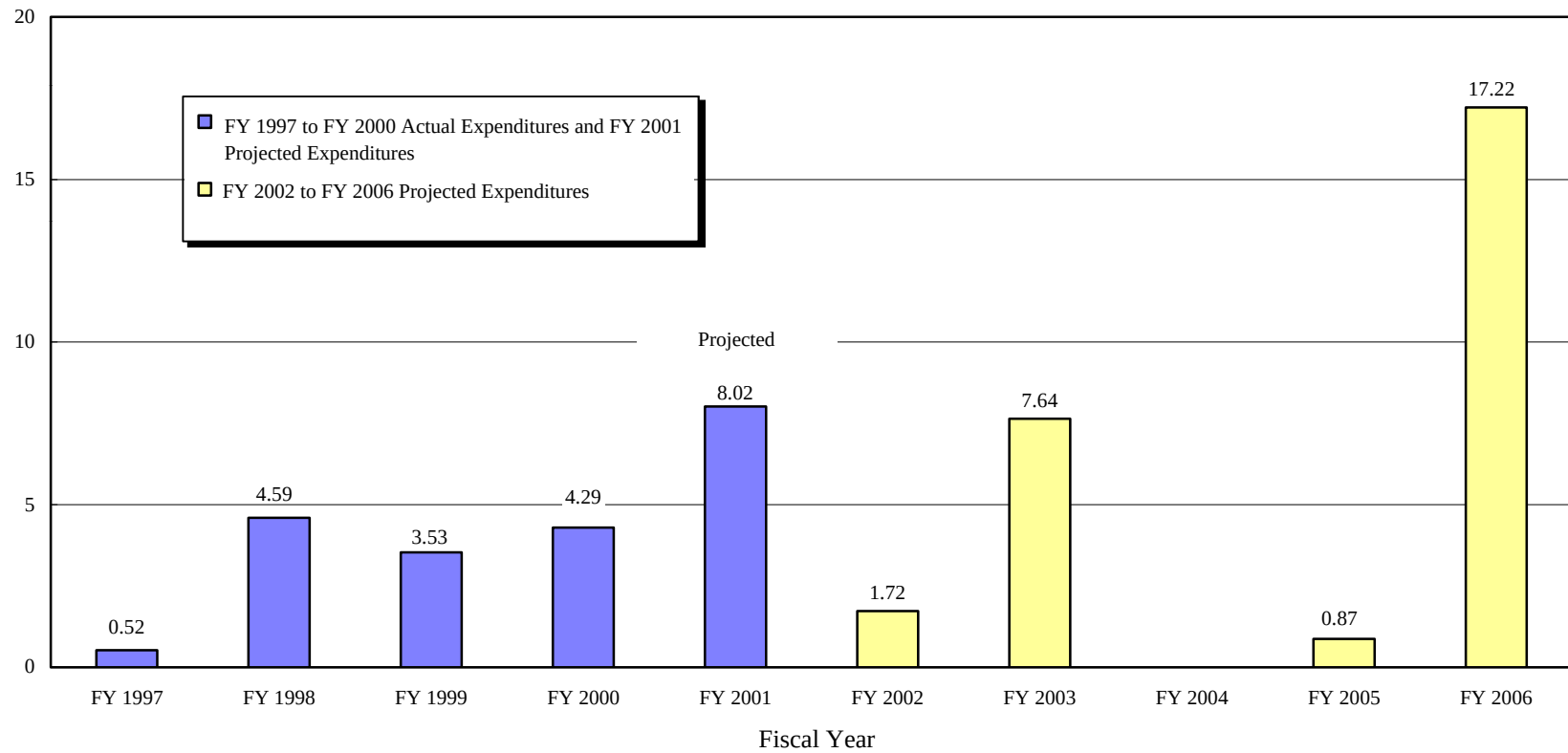
The Police Department's capital needs of \$27.5 million fall into two categories: funded and unfunded. Funded projects include the following:

- *Police Substation:* The department must provide an additional facility to support its commitment to community-based policing. One substation on the southeast side was completed in November 1998 and was occupied in early 1999. A second substation budgeted for the mid-town area is just entering the design phase. The Rillito Substation on the westside no longer has the capacity for the patrol division it currently houses. Overcrowding at the Rillito Substation has led to a recommendation to begin design work in July 2001 and complete construction in June 2003.
- *Land Acquisition and Facilities Improvements:* The department needs to establish a buffer zone around the Public Safety Training Academy to prevent growth in the southeast area from encroaching on Academy grounds and creating a potentially hazardous situation. The buffer zone will also provide space for future expansion. The project also includes funds to provide additional space, including a public meeting room, at the Santa Cruz Substation and to make improvements at various other facilities as needed.
- *Training Academy Dormitory:* The department negotiated the construction of a dormitory with the Arizona Peace Officer Standards and Training (AZPOST) which should be complete in August 2001. Out-of-town police recruits will stay at the dormitory during their training. AZPOST will reimburse the city for all design, construction, and furnishing costs up to \$2.20 million.

Two projects are unfunded but essential if the department is to continue adequately meeting the needs of a growing population. These projects include the following:

- *Forensics Building:* The department expects to outgrow its current headquarters facility within the next few years. The best way to deal with this eventuality is to move the Forensics Division (Identification, Evidence, and the Crime Laboratory) to a new facility. The Evidence Section needs to be greatly expanded, but there is insufficient room in the headquarters building for such an expansion. To protect the chain of custody, the Crime Laboratory and the Identification Section need to be located with the Evidence Section. Consequently, all these units should move into the same facility. While planning for this facility is still at the earliest stages, the building should probably be located near the downtown area to ensure easy access to the courts.
- *Police Substation – Future Growth:* The city's commitment to community policing initiatives requires that both its facilities and staff be easily accessible and convenient to the public. Existing stations will not meet these basic criteria within the next few years. To continue a successful implementation of community policing, the department needs to start planning for a new facility now. While it is too soon to choose a site for the station, current growth patterns and annexations indicate that the southeast area of the city is a likely candidate for the station.

**Capital Improvements
Ten-Year Comparison
Police**
(\$ Millions)



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

Police
DEPARTMENT

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Forensics Building	B - 84	-	-	-	-	-	-	-	10,130.0	10,130.0	-	10,130.0
Unfunded Requirements		-	-	-	-	-	-	-	10,130.0	10,130.0	-	10,130.0
Land Acquisition and Facilities Improvement	B - 84	261.0	-	672.0	672.0	1,867.0	-	-	-	2,539.0	-	2,800.0
2000 General Obligation Bonds		261.0	-	672.0	672.0	1,867.0	-	-	-	2,539.0	-	2,800.0
Police Substation	B - 85	-	-	730.0	730.0	5,770.0	-	-	-	6,500.0	-	6,500.0
2000 General Obligation Bonds		-	-	730.0	730.0	5,770.0	-	-	-	6,500.0	-	6,500.0
Police Substation - Future Growth	B - 85	-	-	-	-	-	-	874.0	7,091.0	7,965.0	-	7,965.0
Unfunded Requirements		-	-	-	-	-	-	874.0	7,091.0	7,965.0	-	7,965.0
Training Academy Dormitory	B - 86	1,920.6	321.5	-	321.5	-	-	-	-	321.5	-	2,242.1
General Fund		42.1	-	-	-	-	-	-	-	-	-	42.1
Public Safety Academy - Certificates of Participation		1,678.5	321.5	-	321.5	-	-	-	-	321.5	-	2,000.0
Miscellaneous Non-Federal Grants		200.0	-	-	-	-	-	-	-	-	-	200.0
TOTAL		2,181.6	321.5	1,402.0	1,723.5	7,637.0	-	874.0	17,221.0	27,455.5	-	29,637.1
Source of Funds	Fund No.											
General Fund	01	42.1	-	-	-	-	-	-	-	-	-	42.1
Public Safety Academy - Certificates of Participation	04V	1,678.5	321.5	-	321.5	-	-	-	-	321.5	-	2,000.0
Miscellaneous Non-Federal Grants	93	200.0	-	-	-	-	-	-	-	-	-	200.0
2000 General Obligation Bonds	40	261.0	-	1,402.0	1,402.0	7,637.0	-	-	-	9,039.0	-	9,300.0
Unfunded Requirements	100	-	-	-	-	-	-	874.0	17,221.0	18,095.0	-	18,095.0
TOTAL		2,181.6	321.5	1,402.0	1,723.5	7,637.0	-	874.0	17,221.0	27,455.5	-	29,637.1
Inflation Adjustment				-	-	222.0	-	74.0	1,921.0	2,217.0	-	2,217.0
Annual Operating Cost				-	-	-	82.2	82.2	82.2	246.6		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Police (2091)							WARD: 1, 5, or 6				PROJECT NUMBER: P012		
PROJECT TITLE: Forensics Building							START DATE: 7/05				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a facility to house forensic-related police functions. Within the next few years, the department will outgrow its current Headquarters facility and the Forensics area will need to be relocated to a new facility specifically designed to meet their needs. The Evidence area needs to be greatly expanded to ensure that sufficient space is available for expected growth. To guarantee that evidence can be transported back and forth for analysis efficiently and without danger of compromising the chain of custody, the Crime Laboratory and Identification Section must be located in the same facility. The building should be located in the downtown area for efficient transfer to the courts when evidence is required during trials.							END DATE: 6/06				DESIGN 900.0 RIGHT-OF-WAY 500.0 CONSTRUCTION 7,600.0 OTHER - INFLATION 1,130.0 PROJECT TOTAL 10,130.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Unfunded Requirements	100	-	-	-	-	-	-	-	10,130.0	10,130.0	-	10,130.0	
TOTAL			-	-	-	-	-	-	10,130.0	10,130.0	-	10,130.0	
INFLATION ADJUSTMENT:						-	-	-	1,130.0	1,130.0	-	1,130.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

DEPARTMENT: Police (2091)							WARD: Citywide				PROJECT NUMBER: P004		
PROJECT TITLE: Land Acquisition and Facilities Improvement							START DATE: 6/01				ESTIMATED PROJECT COST		
DESCRIPTION: Acquire land for the Public Safety Training Academy (\$1,800,000) and renovate other facilities to improve the department's service to the public, enhance security, and ensure that equipment and vehicles are properly stored. Facility improvements will be made to the Santa Cruz Substation (\$484,000), the impound lot (\$140,000), and to-be-determined police facilities (\$376,000).							END DATE: 6/03				DESIGN 286.0 RIGHT-OF-WAY 1,800.0 CONSTRUCTION 660.0 OTHER - INFLATION 54.0 PROJECT TOTAL 2,800.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 General Obligation Bonds	40	261.0	-	672.0	672.0	1,867.0	-	-	-	2,539.0	-	2,800.0	
TOTAL			261.0	-	672.0	672.0	1,867.0	-	-	-	2,539.0	2,800.0	
INFLATION ADJUSTMENT:						54.0	-	-	-	54.0	-	54.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Police (2091)						WARD: Citywide				PROJECT NUMBER: P006		
PROJECT TITLE: Police Substation						START DATE: 7/01				ESTIMATED PROJECT COST		
DESCRIPTION: The department's commitment to community-based policing initiatives will necessitate an additional substation within the next five years. Community policing requires facilities that are open, accessible, and convenient to the public. Existing stations will not meet all these criteria in the future. Future annexations, infill, population growth, and construction could well change any location that appears to be appropriate at this time. The department plans to determine the best site for a substation at a date closer to the beginning of the design phase of the project.						END DATE: 6/03				DESIGN 730.0 RIGHT-OF-WAY 800.0 CONSTRUCTION 4,692.0 OTHER 110.0 INFLATION 168.0 PROJECT TOTAL 6,500.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	730.0	730.0	5,770.0	-	-	-	6,500.0	-	6,500.0
TOTAL			-	-	730.0	5,770.0	-	-	-	6,500.0	-	6,500.0
INFLATION ADJUSTMENT:						168.0				168.0		
ANNUAL OPERATING COST:						-				-		

DEPARTMENT: Police (2091)						WARD: Citywide				PROJECT NUMBER: P009		
PROJECT TITLE: Police Substation - Future Growth						START DATE: 7/04				ESTIMATED PROJECT COST		
DESCRIPTION: The department's commitment to community-based policing initiatives will necessitate an additional substation within the next five years. Community policing requires facilities that are open, accessible, and convenient to the public. Existing stations will not meet all these criteria in the future. Future annexations, infill, population growth, and construction could well change any location that appears to be appropriate at this time. The department plans to determine the best site for a substation at a date closer to the beginning of the design phase of the project.						END DATE: 6/06				DESIGN 800.0 RIGHT-OF-WAY 800.0 CONSTRUCTION 5,200.0 OTHER 300.0 INFLATION 865.0 PROJECT TOTAL 7,965.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	874.0	7,091.0	7,965.0	-	7,965.0
TOTAL			-	-	-	-	-	874.0	7,091.0	7,965.0	-	7,965.0
INFLATION ADJUSTMENT:						-				-		
ANNUAL OPERATING COST:						-				-		

CAPITAL PROJECTS
(\$000)

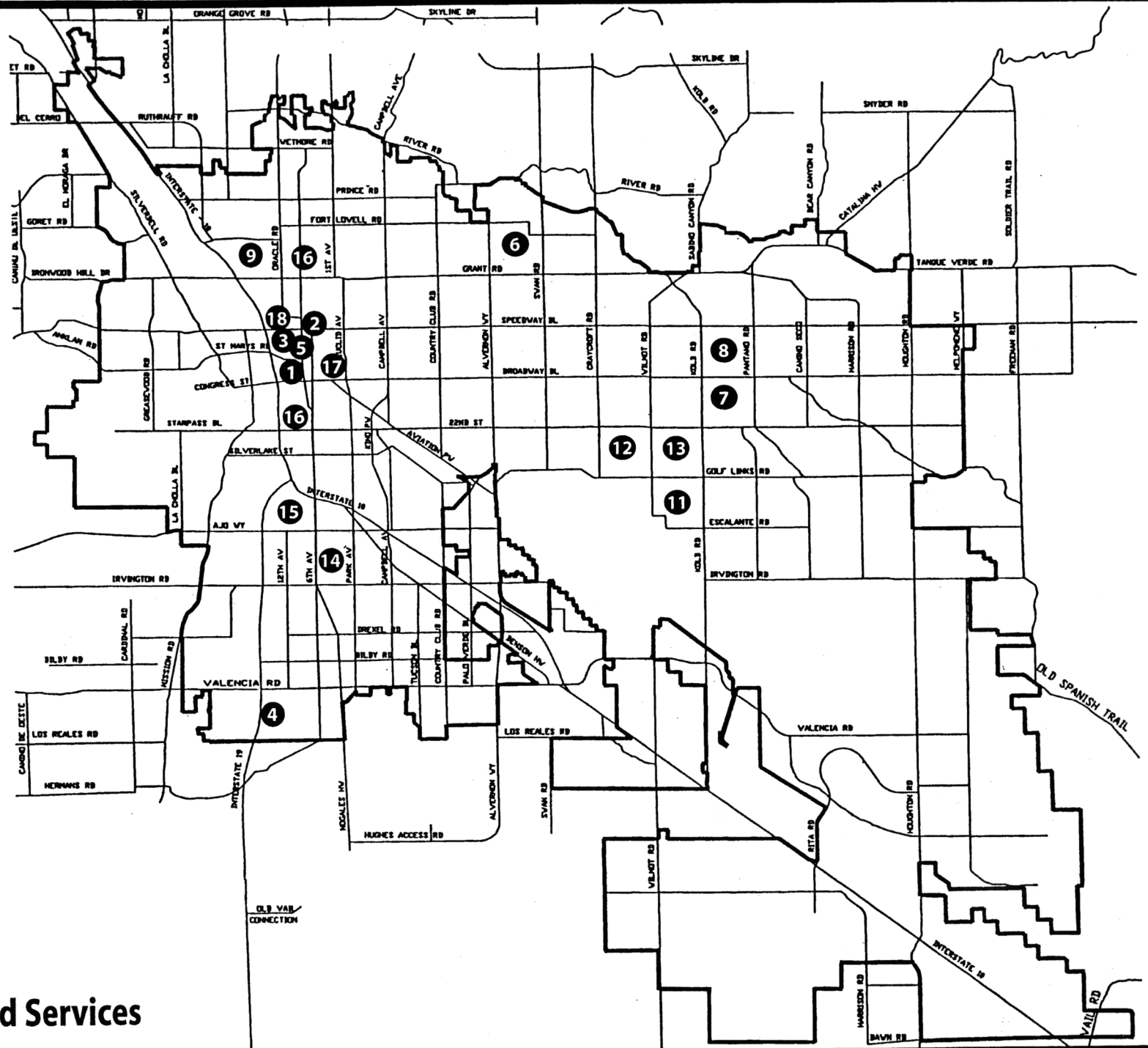
DEPARTMENT: Police (2091)					WARD: 4 START DATE: 1/98 END DATE: 8/01					PROJECT NUMBER: P007 ESTIMATED PROJECT COST		
PROJECT TITLE: Training Academy Dormitory DESCRIPTION: The department and the Arizona Peace Officer Training and Standards Board (AZ POST) successfully negotiated the construction of a dormitory at the Public Safety Training Academy. The dormitory will house recruits from other agencies who live outside the metropolitan Tucson area. AZ POST provided \$200,000 for the design and will commit an additional \$2 million over ten years for debt service on construction. The city will finance the initial construction and receive reimbursement from AZ POST over the next ten years.										DESIGN 242.1 RIGHT-OF-WAY - CONSTRUCTION 2,000.0 OTHER - INFLATION - PROJECT TOTAL 2,242.1		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	42.1	-	-	-	-	-	-	-	-	-	42.1
Public Safety Academy - Certificates of Participation	04V	1,678.5	321.5	-	321.5	-	-	-	-	321.5	-	2,000.0
Miscellaneous Non-Federal Grants	93	200.0	-	-	-	-	-	-	-	-	-	200.0
TOTAL		1,920.6	321.5	-	321.5	-	-	-	-	321.5	-	2,242.1
INFLATION ADJUSTMENT:					-	-	-	-	-	-	-	-
ANNUAL OPERATING COST:					-	-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Citizen and Neighborhood Services **FIVE-YEAR TOTAL:** \$ 32,643,000

The Citizen and Neighborhood Services program funds the Back to Basics projects for infrastructure improvements and environmental enhancements in targeted neighborhoods throughout the city. These projects are cooperative efforts between city departments, the private sector, and neighborhood residents.



**Citizen and
Neighborhood Services**

CAPITAL PROJECTS LOCATIONS

Citizen and Neighborhood Services

Back to Basics Projects - Previously Selected Neighborhoods

<u>Selected Neighborhood</u>	<u>Status</u>	<u>Selected Neighborhood</u>	<u>Status</u>
Mayor's Office		Ward 4	
1. Downtown	on-going	11. Stella-Mann	completed
2. Ocotillo	on-going	12. Corbett	on-going
Ward 1		13. Terra del Sol	on-going
3. Barrio Anita	completed	Ward 5	
4. Elvira	on-going	14. Fairgrounds	completed
5. Dunbar-Spring	on-going	15. Wakefield	on-going
Ward 2		16. West Ochoa	on-going
6. Vista del Monte	completed	Ward 6	
7. Vista del Sahuaro	on-going	17. Iron Horse	on-going
8. Broadway/Northeast	on-going	18. Blue Moon	on-going
Ward 3			
9. Miracle Manor	completed		
10. Keeling	on-going		

DEPARTMENT

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Back to Basics Unallocated	B - 91	-	4,643.0	5,600.0	10,243.0	5,600.0	5,600.0	5,600.0	5,600.0	32,643.0	-	32,643.0
General Fund		-	2,625.0	2,625.0	5,250.0	2,625.0	2,625.0	2,625.0	2,625.0	15,750.0	-	15,750.0
Highway User Revenue Fund		-	2,018.0	1,700.0	3,718.0	1,700.0	1,700.0	1,700.0	1,700.0	10,518.0	-	10,518.0
Community Development Block Grant		-	-	1,275.0	1,275.0	1,275.0	1,275.0	1,275.0	1,275.0	6,375.0	-	6,375.0
TOTAL		-	4,643.0	5,600.0	10,243.0	5,600.0	5,600.0	5,600.0	5,600.0	32,643.0	-	32,643.0
Source of Funds	Fund No.											
General Fund	01	-	2,625.0	2,625.0	5,250.0	2,625.0	2,625.0	2,625.0	2,625.0	15,750.0	-	15,750.0
Highway User Revenue Fund	15	-	2,018.0	1,700.0	3,718.0	1,700.0	1,700.0	1,700.0	1,700.0	10,518.0	-	10,518.0
Community Development Block Grant	25	-	-	1,275.0	1,275.0	1,275.0	1,275.0	1,275.0	1,275.0	6,375.0	-	6,375.0
TOTAL		-	4,643.0	5,600.0	10,243.0	5,600.0	5,600.0	5,600.0	5,600.0	32,643.0	-	32,643.0
Inflation Adjustment				-	-	163.0	322.0	475.0	625.0	1,585.0	-	1,585.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Citizen and Neighborhood Services (1075)						WARD: Citywide				PROJECT NUMBER: A148			
PROJECT TITLE: Back to Basics Unallocated						START DATE: 7/01							
DESCRIPTION: Capacity for projects to provide basic infrastructure improvements and environmental enhancements in target neighborhoods.						END DATE: Annual				<u>ESTIMATED PROJECT COST</u>			
										DESIGN 1,042.0			
										RIGHT-OF-WAY -			
										CONSTRUCTION 24,766.0			
										OTHER 5,250.0			
										INFLATION 1,585.0			
										PROJECT TOTAL 32,643.0			
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
General Fund	01	-	2,625.0	2,625.0	5,250.0	2,625.0	2,625.0	2,625.0	2,625.0	15,750.0	-	15,750.0	
Highway User Revenue Fund	15	-	2,018.0	1,700.0	3,718.0	1,700.0	1,700.0	1,700.0	1,700.0	10,518.0	-	10,518.0	
Community Development Block Grant	25	-	-	1,275.0	1,275.0	1,275.0	1,275.0	1,275.0	1,275.0	6,375.0	-	6,375.0	
TOTAL			-	4,643.0	5,600.0	10,243.0	5,600.0	5,600.0	5,600.0	5,600.0	32,643.0	-	32,643.0
INFLATION ADJUSTMENT:						163.0		322.0	475.0	625.0	1,585.0	-	1,585.0
ANNUAL OPERATING COST:						-		-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Solid Waste Management

FIVE YEAR TOTAL: \$ 39,138,000

Solid Waste Management's five-year Capital Improvement Program (CIP) consists of 23 projects totaling \$39.1 million, \$11.6 million of which are funded. The 2000 bonds will provide \$10.0 million of the funded program. Seventy percent, or \$27.6 million, of the five-year program is unfunded. Capital needs beyond the five-year program are projected to require an additional \$23.8 million that is also unfunded. The projects in this CIP will fulfill the city's needs to create future landfill capacity, close landfills to comply with environmental protection regulations, control landfill gas, and construct support facilities.

Future Landfill Capacity: The construction of lined cells at the Los Reales Landfill will provide landfill capacity for approximately 15 years. The first lined cell, completed in Fiscal Year 2000, will reach capacity in three years, creating a need to begin construction of a second cell in Fiscal Year 2002. Based on current fill rates, the construction of a third cell is scheduled to begin in Fiscal Year 2006. Other improvements that will provide for future capacity at the Los Reales Landfill are the east basin embankment and stormwater controls.

Landfill Closures: Landfill closure that is mandated at the Los Reales, Mullins, and Irvington Landfills includes construction of a final protective cap, stormwater controls, and revegetation. Old disposal cells on the west end of the Los Reales Landfill will undergo final closure construction during Fiscal Year 2002. The capping of the Mullins Landfill is scheduled to begin in Fiscal Year 2002, with stormwater controls constructed in the following year. The capping of the Irvington Landfill is scheduled for Fiscal Year 2003. Closure-related improvements are also scheduled for the intermediate cap areas of Los Reales and at several old landfills, including erosion protection at the Tumamoc Landfill, pending agreements with the state and Pima County. This CIP includes the development of a public-use plan for the closed Harrison Landfill and projects for the investigation and control of landfill gas at old landfills, most notably the replacement of the gas system at the Mullins Landfill.

Support Facilities: Improvements are planned to the perimeter buffer at the Los Reales Landfill and to Los Reales Road, but are unfunded. The renovation of the existing transfer station at Tenth Avenue and development of a facility at the Los Reales Landfill for self-haulers are included in the CIP, but are also unfunded. Also proposed, but unfunded are two new facilities to accommodate growth and improve the efficiency of waste collection: a new transfer station and an administration and training facility. The new transfer station would replace the closed Harrison Landfill as a drop-off point for public and private waste collectors. The proposed new administration and training facility would relieve overcrowding at the Price Service Center.

The operating and maintenance (O&M) impact, primarily for maintaining landfill monitoring equipment, is projected to be \$50,000 in Fiscal Year 2003, increasing to \$247,000 in Fiscal Year 2006.



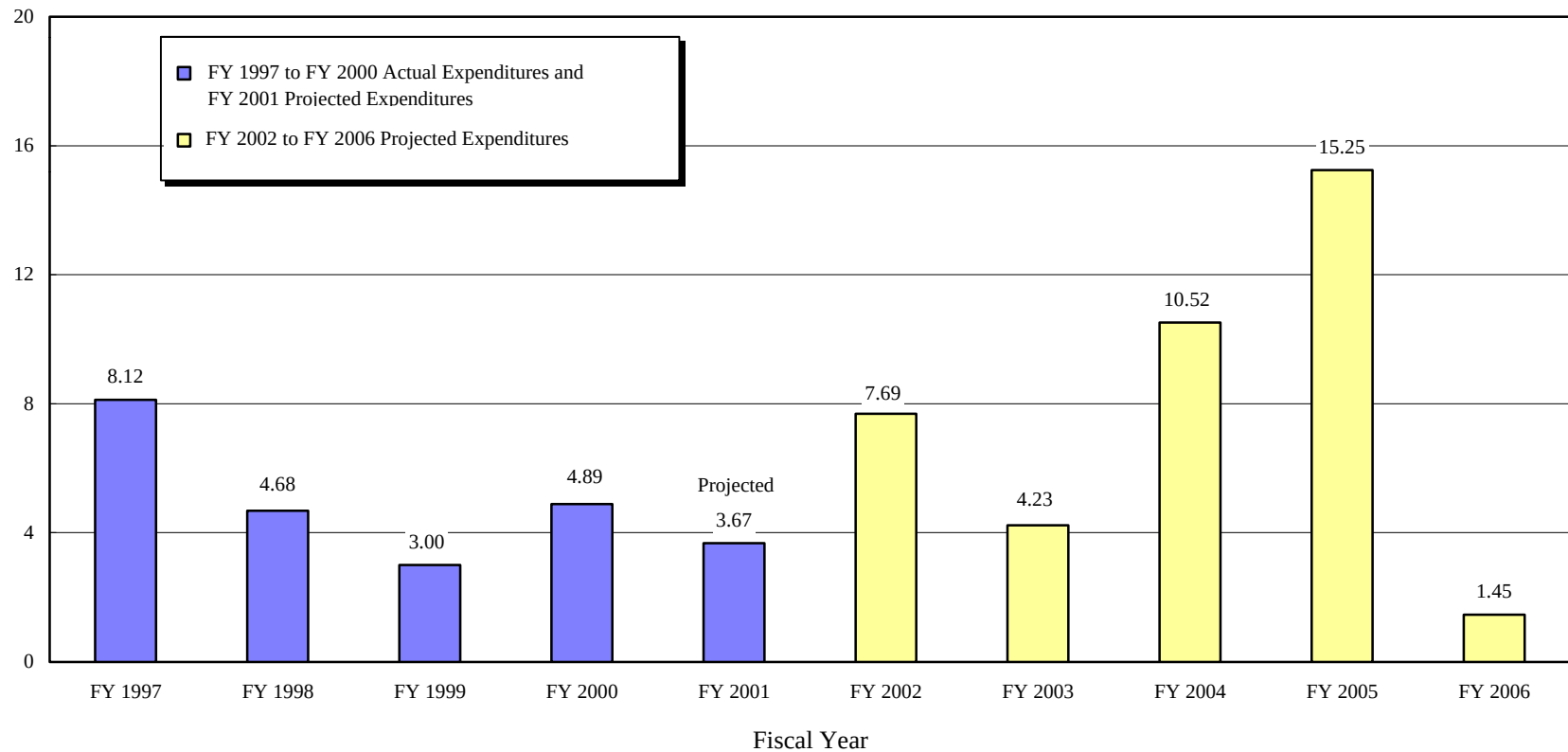
Solid Waste Management

CAPITAL PROJECTS LOCATIONS

Solid Waste Management

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Los Reales Lined Cell One	FY 2002	5. Closed Landfill Improvements	FY 2005
Los Reales Lined Cell Two	FY 2002	Silverbell Landfill	
Los Reales Access Roadway Improvements	FY 2004	6. Closed Landfill Gas Mitigation	FY 2002
Los Reales Buffer Improvements	FY 2004	Kennedy Park Amphitheater	
Los Reales Facilities	FY 2004	7. Closed Landfill Improvements	FY 2005
Los Reales West Side Closure	FY 2004	A-Mountain Landfill	
Los Reales East Basin Embankment	FY 2005	8. Closed Landfill Improvements	FY 2004
Los Reales Self Hauler Facility	FY 2005	Ryland Landfill	
Los Reales Drainage Improvements	FY 2010	9. Closed Landfill Improvements	FY 2004
Los Reales Lined Cells Three Through Five	FY 2011	Cottonwood Landfill	
Los Reales Intermediate Closure	FY 2016	10. Closed Landfill Improvements	FY 2002
Los Reales Final Closure	FY 2018	Prudence Landfill	
2. Harrison Landfill End Use	FY 2004	11. Tenth Avenue Transfer Station Renovation	FY 2005
3. Irvington Landfill Closure	FY 2003	12. Tumamoc Landfill Closure	FY 2004
4. Mullins Gas Mitigation	FY 2004		
Mullins Landfill Closure	FY 2004		
Mullins Landfill Stormwater Controls	FY 2003		

**Capital Improvements
Ten-Year Comparison
Solid Waste Management
(\$ Millions)**



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

Solid Waste Management

DEPARTMENT

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Closed Landfill Gas Mitigation	B - 101	391.2	-	50.0	50.0	-	-	-	-	50.0	-	441.2
General Fund Contribution		114.3	-	-	-	-	-	-	-	-	-	114.3
Environmental and Solid Waste Mandate Reserves		-	-	50.0	50.0	-	-	-	-	50.0	-	50.0
1994 General Obligation Bonds Series B		56.9	-	-	-	-	-	-	-	-	-	56.9
1994 General Obligation Bonds Series E		9.1	-	-	-	-	-	-	-	-	-	9.1
1994 General Obligation Bonds - Series A Interest		160.9	-	-	-	-	-	-	-	-	-	160.9
2000 General Obligation Bonds		50.0	-	-	-	-	-	-	-	-	-	50.0
Closed Landfill Improvements	B - 101	67.0	-	170.0	170.0	-	-	530.0	273.0	973.0	-	1,040.0
General Fund Contribution		17.0	-	-	-	-	-	-	-	-	-	17.0
Environmental and Solid Waste Mandate Reserves		-	-	170.0	170.0	-	-	-	-	170.0	-	170.0
1994 General Obligation Bonds - Series B Interest		50.0	-	-	-	-	-	-	-	-	-	50.0
Unfunded Requirements		-	-	-	-	-	-	530.0	273.0	803.0	-	803.0
Harrison Landfill End Use	B - 102	-	-	-	-	-	375.0	-	-	375.0	-	375.0
Unfunded Requirements		-	-	-	-	-	375.0	-	-	375.0	-	375.0
Irvington Landfill Closure	B - 102	254.5	-	300.0	300.0	1,800.0	-	-	-	2,100.0	-	2,354.5
1994 General Obligation Bonds Series B		181.0	-	-	-	-	-	-	-	-	-	181.0
1994 General Obligation Bonds Series E		73.5	-	-	-	-	-	-	-	-	-	73.5
2000 General Obligation Bonds		-	-	300.0	300.0	1,100.0	-	-	-	1,400.0	-	1,400.0
Unfunded Requirements		-	-	-	-	700.0	-	-	-	700.0	-	700.0
Los Reales Access Roadway Improvements	B - 103	-	-	-	-	100.0	1,400.0	-	-	1,500.0	-	1,500.0
Unfunded Requirements		-	-	-	-	100.0	1,400.0	-	-	1,500.0	-	1,500.0
Los Reales Buffer Improvements	B - 103	-	-	-	-	25.0	283.0	-	-	308.0	-	308.0
Unfunded Requirements		-	-	-	-	25.0	283.0	-	-	308.0	-	308.0
Los Reales Drainage Improvements	B - 104	-	-	-	-	250.0	-	-	-	250.0	580.0	830.0
2000 General Obligation Bonds		-	-	-	-	250.0	-	-	-	250.0	-	250.0
Unfunded Requirements		-	-	-	-	-	-	-	-	-	580.0	580.0
Los Reales East Basin Embankment	B - 104	-	-	-	-	-	-	1,132.0	-	1,132.0	-	1,132.0
2000 General Obligation Bonds		-	-	-	-	-	-	1,132.0	-	1,132.0	-	1,132.0
Los Reales Facilities	B - 105	100.0	-	-	-	-	400.0	-	-	400.0	-	500.0
2000 General Obligation Bonds		100.0	-	-	-	-	400.0	-	-	400.0	-	500.0

Solid Waste Management

DEPARTMENT

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Los Reales Final Closure	B - 105	-	-	-	-	-	-	-	-	-	12,834.0	12,834.0
Unfunded Requirements		-	-	-	-	-	-	-	-	-	12,834.0	12,834.0
Los Reales Intermediate Closure	B - 106	709.3	-	-	-	-	210.0	-	-	210.0	927.0	1,846.3
General Fund Contribution		2.7	-	-	-	-	-	-	-	-	-	2.7
1994 General Obligation Bonds Series B		190.9	-	-	-	-	-	-	-	-	-	190.9
1994 General Obligation Bonds Series E		203.0	-	-	-	-	-	-	-	-	-	203.0
1994 General Obligation Bonds - Series A Interest		240.0	-	-	-	-	-	-	-	-	-	240.0
1994 General Obligation Bonds - Series B Interest		72.7	-	-	-	-	-	-	-	-	-	72.7
2000 General Obligation Bonds		-	-	-	-	-	210.0	-	-	210.0	-	210.0
Unfunded Requirements		-	-	-	-	-	-	-	-	-	927.0	927.0
Los Reales Lined Cell One	B - 106	4,491.6	34.8	-	34.8	-	-	-	-	34.8	-	4,526.4
General Fund Contribution		830.0	-	-	-	-	-	-	-	-	-	830.0
Environmental and Solid Waste Mandate Reserves		-	34.8	-	34.8	-	-	-	-	34.8	-	34.8
1994 General Obligation Bonds Series B		2,192.1	-	-	-	-	-	-	-	-	-	2,192.1
1994 General Obligation Bonds - Series A Interest		440.0	-	-	-	-	-	-	-	-	-	440.0
1994 General Obligation Bonds - Series B Interest		1,029.5	-	-	-	-	-	-	-	-	-	1,029.5
Los Reales Lined Cell Two	B - 107	700.0	-	4,500.0	4,500.0	-	-	-	-	4,500.0	-	5,200.0
2000 General Obligation Bonds		700.0	-	4,500.0	4,500.0	-	-	-	-	4,500.0	-	5,200.0
Los Reales Lined Cells Three Through Five	B - 107	-	-	200.0	200.0	300.0	-	-	500.0	1,000.0	9,506.0	10,506.0
2000 General Obligation Bonds		-	-	200.0	200.0	300.0	-	-	500.0	1,000.0	-	1,000.0
Unfunded Requirements		-	-	-	-	-	-	-	-	-	9,506.0	9,506.0
Los Reales Self Hauler Facility	B - 108	-	-	-	-	-	-	583.0	-	583.0	-	583.0
Unfunded Requirements		-	-	-	-	-	-	583.0	-	583.0	-	583.0
Los Reales West Side Closure	B - 108	498.0	480.0	-	480.0	-	340.0	-	-	820.0	-	1,318.0
1994 General Obligation Bonds Series B		76.0	-	-	-	-	-	-	-	-	-	76.0
1994 General Obligation Bonds Series E		364.8	-	-	-	-	-	-	-	-	-	364.8
1994 General Obligation Bonds - Series A Interest		9.2	-	-	-	-	-	-	-	-	-	9.2
2000 General Obligation Bonds		48.0	480.0	-	480.0	-	-	-	-	480.0	-	528.0
Unfunded Requirements		-	-	-	-	-	340.0	-	-	340.0	-	340.0

Solid Waste Management

DEPARTMENT

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mullins Gas Mitigation	B - 109	564.4	661.7	-	661.7	-	546.0	-	-	1,207.7	-	1,772.1
General Fund Contribution		236.0	-	-	-	-	-	-	-	-	-	236.0
Environmental and Solid Waste Mandate Reserves		-	400.0	-	400.0	-	-	-	-	400.0	-	400.0
1994 General Obligation Bonds Series B		23.0	-	-	-	-	-	-	-	-	-	23.0
1994 General Obligation Bonds Series E		-	261.7	-	261.7	-	-	-	-	261.7	-	261.7
1994 General Obligation Bonds - Series A Interest		205.4	-	-	-	-	-	-	-	-	-	205.4
1994 General Obligation Bonds - Series B Interest		100.0	-	-	-	-	-	-	-	-	-	100.0
Unfunded Requirements		-	-	-	-	-	546.0	-	-	546.0	-	546.0
Mullins Landfill Closure	B - 109	266.5	1,093.5	-	1,093.5	-	2,363.0	-	-	3,456.5	-	3,723.0
General Fund Contribution		110.0	-	-	-	-	-	-	-	-	-	110.0
1994 General Obligation Bonds Series B		79.9	182.1	-	182.1	-	-	-	-	182.1	-	262.0
1994 General Obligation Bonds Series E		-	157.6	-	157.6	-	-	-	-	157.6	-	157.6
1994 General Obligation Bonds - Series A Interest		10.4	-	-	-	-	-	-	-	-	-	10.4
1994 General Obligation Bonds - Series B Interest		66.2	123.8	-	123.8	-	-	-	-	123.8	-	190.0
2000 General Obligation Bonds		-	630.0	-	630.0	-	-	-	-	630.0	-	630.0
Unfunded Requirements		-	-	-	-	-	2,363.0	-	-	2,363.0	-	2,363.0
Mullins Landfill Stormwater Controls	B - 110	-	-	200.0	200.0	1,500.0	-	-	-	1,700.0	-	1,700.0
1994 General Obligation Bonds Series E		-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Unfunded Requirements		-	-	-	-	1,500.0	-	-	-	1,500.0	-	1,500.0
Solid Waste Management Administrative/Training Facility	B - 110	-	-	-	-	-	1,050.0	7,274.0	681.0	9,005.0	-	9,005.0
Unfunded Requirements		-	-	-	-	-	1,050.0	7,274.0	681.0	9,005.0	-	9,005.0
Tenth Avenue Transfer Station Renovation	B - 111	-	-	-	-	150.0	1,751.0	424.0	-	2,325.0	-	2,325.0
Unfunded Requirements		-	-	-	-	150.0	1,751.0	424.0	-	2,325.0	-	2,325.0
Transfer Station Development	B - 111	-	-	-	-	-	773.0	5,305.0	-	6,078.0	-	6,078.0
Unfunded Requirements		-	-	-	-	-	773.0	5,305.0	-	6,078.0	-	6,078.0
Tumamoc Landfill Closure	B - 112	-	-	-	-	100.0	1,030.0	-	-	1,130.0	-	1,130.0
Unfunded Requirements		-	-	-	-	100.0	1,030.0	-	-	1,130.0	-	1,130.0
TOTAL		8,042.5	2,270.0	5,420.0	7,690.0	4,225.0	10,521.0	15,248.0	1,454.0	39,138.0	23,847.0	71,027.5

Solid Waste Management

DEPARTMENT

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Source of Funds	Fund No.											
General Fund Contribution	02S	1,310.0	-	-	-	-	-	-	-	-	-	1,310.0
Environmental and Solid Waste Mandate Reserves	02C	-	434.8	220.0	654.8	-	-	-	-	654.8	-	654.8
1994 General Obligation Bonds Series B	37	2,799.8	182.1	-	182.1	-	-	-	-	182.1	-	2,981.9
1994 General Obligation Bonds Series E	44	650.4	419.3	200.0	619.3	-	-	-	-	619.3	-	1,269.7
1994 General Obligation Bonds - Series A Interest	36I	1,065.9	-	-	-	-	-	-	-	-	-	1,065.9
1994 General Obligation Bonds - Series B Interest	37I	1,318.4	123.8	-	123.8	-	-	-	-	123.8	-	1,442.2
2000 General Obligation Bonds	40	898.0	1,110.0	5,000.0	6,110.0	1,650.0	610.0	1,132.0	500.0	10,002.0	-	10,900.0
Unfunded Requirements	100	-	-	-	-	2,575.0	9,911.0	14,116.0	954.0	27,556.0	23,847.0	51,403.0
TOTAL		8,042.5	2,270.0	5,420.0	7,690.0	4,225.0	10,521.0	15,248.0	1,454.0	39,138.0	23,847.0	71,027.5
Inflation Adjustment				-	-	123.0	602.5	1,293.5	162.0	2,181.0	3,276.0	5,457.0
Annual Operating Cost				-	-	50.0	70.0	110.0	247.0	477.0		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Solid Waste Management (4700)							WARD: 1 START DATE: 7/95 END DATE: 6/02				PROJECT NUMBER: Q317		
PROJECT TITLE: Closed Landfill Gas Mitigation							ESTIMATED PROJECT COST						
DESCRIPTION: Investigate and mitigate conditions potentially affecting public safety and the environment at closed city landfills. This includes investigation of immediate methane hazards, installation of long-term methane monitoring systems, and anticipated installation of one gas migration control system. Fiscal Year 2002 includes work planned at the Kennedy Park Amphitheater and other sites.							DESIGN 110.4 RIGHT-OF-WAY 5.4 CONSTRUCTION 236.3 OTHER 89.1 INFLATION - PROJECT TOTAL 441.2						
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
General Fund Contribution	02S	114.3	-	-	-	-	-	-	-	-	-	114.3	
Environmental and Solid Waste Mandate Reserves	02C	-	-	50.0	50.0	-	-	-	-	50.0	-	50.0	
1994 General Obligation Bonds Series B	37	56.9	-	-	-	-	-	-	-	-	-	56.9	
1994 General Obligation Bonds Series E	44	9.1	-	-	-	-	-	-	-	-	-	9.1	
1994 General Obligation Bonds - Series A Interest	36I	160.9	-	-	-	-	-	-	-	-	-	160.9	
2000 General Obligation Bonds	40	50.0	-	-	-	-	-	-	-	-	-	50.0	
TOTAL		391.2	-	50.0	50.0	-	-	-	-	50.0	-	441.2	
INFLATION ADJUSTMENT:						-				-			
ANNUAL OPERATING COST:						-				-			

DEPARTMENT: Solid Waste Management (4700)							WARD: 1, 6 START DATE: 7/99 END DATE: 6/06				PROJECT NUMBER: Q319		
PROJECT TITLE: Closed Landfill Improvements							ESTIMATED PROJECT COST						
DESCRIPTION: Design and construct improvements that are necessary to protect public health and safety, and to meet federal and state regulatory requirements at closed landfills throughout the city. These improvements include grading, erosion protection, fencing, and re-vegetation at up to fourteen sites. Funding in Fiscal Year 2002 includes projects for drainage and acquisition at Prudence Landfill and grading at Silverbell, Ryland, and Cottonwood Landfills. Fiscal Year 2005 work includes capping and drainage at A-Mountain and Silverbell Landfills. Fiscal Year 2006 projects include an end use planning study.							DESIGN 253.0 RIGHT-OF-WAY 70.0 CONSTRUCTION 615.0 OTHER 27.0 INFLATION 75.0 PROJECT TOTAL 1,040.0						
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
General Fund Contribution	02S	17.0	-	-	-	-	-	-	-	-	-	17.0	
Environmental and Solid Waste Mandate Reserves	02C	-	-	170.0	170.0	-	-	-	-	170.0	-	170.0	
1994 General Obligation Bonds - Series B Interest	37I	50.0	-	-	-	-	-	-	-	-	-	50.0	
Unfunded Requirements	100	-	-	-	-	-	-	530.0	273.0	803.0	-	803.0	
TOTAL		67.0	-	170.0	170.0	-	-	530.0	273.0	973.0	-	1,040.0	
INFLATION ADJUSTMENT:						-				-			
ANNUAL OPERATING COST:						-				-			

CAPITAL PROJECTS

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DEPARTMENT: Solid Waste Management (4700)										WARD: 4 START DATE: 7/03 END DATE: 6/04		PROJECT NUMBER: Q334
PROJECT TITLE: Harrison Landfill End Use										ESTIMATED PROJECT COST		
DESCRIPTION: Plan and design features to accommodate recreational end use of the closed Harrison Landfill. This project does not include funding for the construction of park features, which would be included in a future Parks and Recreation capital program.										DESIGN 51.5 RIGHT-OF-WAY - CONSTRUCTION - OTHER 302.0 INFLATION 21.5 PROJECT TOTAL 375.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	375.0	-	-	375.0	-	375.0
TOTAL		-	-	-	-	-	375.0	-	-	375.0	-	375.0
INFLATION ADJUSTMENT:						-	21.5	-	-	21.5	-	21.5
ANNUAL OPERATING COST:						-	-	10.0	10.0	20.0	-	-

DEPARTMENT: Solid Waste Management (4700)										WARD: 4 START DATE: 7/97 END DATE: 6/03		PROJECT NUMBER: Q397
PROJECT TITLE: Irvington Landfill Closure										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct closure features at the Irvington Landfill. This project provides environmental protection, compliance with state closure regulations, and planning for beneficial end use as a park. An aquifer protection permit will be required from the Arizona Department of Environmental Quality prior to construction. This project does not fund construction of park features, which would be included in a future Parks and Recreation capital program.										DESIGN 248.1 RIGHT-OF-WAY - CONSTRUCTION 2,054.4 OTHER - INFLATION 52.0 PROJECT TOTAL 2,354.5		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 General Obligation Bonds Series B	37	181.0	-	-	-	-	-	-	-	-	-	181.0
1994 General Obligation Bonds Series E	44	73.5	-	-	-	-	-	-	-	-	-	73.5
2000 General Obligation Bonds	40	-	-	300.0	300.0	1,100.0	-	-	-	1,400.0	-	1,400.0
Unfunded Requirements	100	-	-	-	-	700.0	-	-	-	700.0	-	700.0
TOTAL		254.5	-	300.0	300.0	1,800.0	-	-	-	2,100.0	-	2,354.5
INFLATION ADJUSTMENT:						52.0	-	-	-	52.0	-	52.0
ANNUAL OPERATING COST:						-	-	20.0	20.0	60.0	-	-

CAPITAL PROJECTS

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DEPARTMENT: Solid Waste Management (4700)						WARD: County START DATE: 7/02 END DATE: 6/04				PROJECT NUMBER: Q333		
PROJECT TITLE: Los Reales Access Roadway Improvements										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct improvements to 1.5 miles of road where deterioration is severe along Los Reales and Craycroft Road near the landfill. This will allow all-weather access and will upgrade the roads to handle landfill traffic. This project would be performed in cooperation with Pima County as the roadways are outside the city limits.										DESIGN 97.0 RIGHT-OF-WAY - CONSTRUCTION 1,320.0 OTHER - INFLATION 83.0 PROJECT TOTAL 1,500.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	100.0	1,400.0	-	-	1,500.0	-	1,500.0
TOTAL			-	-	-	100.0	1,400.0	-	-	1,500.0	-	1,500.0
INFLATION ADJUSTMENT:						3.0	80.0	-	-	83.0	-	83.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Solid Waste Management (4700)						WARD: 5 START DATE: 7/02 END DATE: 6/04				PROJECT NUMBER: Q332		
PROJECT TITLE: Los Reales Buffer Improvements										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct buffer improvements to the Los Reales Landfill east and southeast perimeters to make the landfill more visually appealing to nearby residential neighbors. The improvements include a screening berm, trees, irrigation, fence improvements, and other measures.										DESIGN 24.0 RIGHT-OF-WAY - CONSTRUCTION 267.0 OTHER - INFLATION 17.0 PROJECT TOTAL 308.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	25.0	283.0	-	-	308.0	-	308.0
TOTAL			-	-	-	25.0	283.0	-	-	308.0	-	308.0
INFLATION ADJUSTMENT:						1.0	16.0	-	-	17.0	-	17.0
ANNUAL OPERATING COST:						-	-	10.0	10.0	20.0	-	-

CAPITAL PROJECTS

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DEPARTMENT: Solid Waste Management (4700)							WARD: 5				PROJECT NUMBER: Q337		
PROJECT TITLE: Los Reales Drainage Improvements							START DATE: 7/02				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct drainage improvements at the Los Reales Landfill to accommodate increases in landfill capacity. The funding in Fiscal Year 2003 is for a basin and channels to the south and east of the lined cells. Funding in future years is to complete drainage structures along the north and south as cells three and five are constructed.							END DATE: 6/10				DESIGN 26.0 RIGHT-OF-WAY - CONSTRUCTION 717.0 OTHER - INFLATION 87.0 PROJECT TOTAL 830.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 General Obligation Bonds	40	-	-	-	-	250.0	-	-	-	250.0	-	250.0	
Unfunded Requirements	100	-	-	-	-	-	-	-	-	-	580.0	580.0	
TOTAL			-	-	-	250.0	-	-	-	250.0	580.0	830.0	
INFLATION ADJUSTMENT:						7.0	-	-	-	7.0	80.0	87.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

DEPARTMENT: Solid Waste Management (4700)							WARD: 5				PROJECT NUMBER: Q341		
PROJECT TITLE: Los Reales East Basin Embankment							START DATE: 7/04				ESTIMATED PROJECT COST		
DESCRIPTION: Complete construction of a stormwater retention basin and diversion channel to control off-site stormwater in compliance with federal and state regulations and to facilitate future lined cell construction.							END DATE: 6/05				DESIGN - RIGHT-OF-WAY - CONSTRUCTION 1,036.0 OTHER - INFLATION 96.0 PROJECT TOTAL 1,132.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 General Obligation Bonds	40	-	-	-	-	-	-	1,132.0	-	1,132.0	-	1,132.0	
TOTAL			-	-	-	-	-	1,132.0	-	1,132.0	-	1,132.0	
INFLATION ADJUSTMENT:						-	-	96.0	-	96.0	-	96.0	
ANNUAL OPERATING COST:						-	-	-	16.0	16.0	-	-	

CAPITAL PROJECTS

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DEPARTMENT: Solid Waste Management (4700)							WARD: 5 START DATE: 7/00 END DATE: 6/04				PROJECT NUMBER: Q322			
PROJECT TITLE: Los Reales Facilities											<u>ESTIMATED PROJECT COST</u>			
DESCRIPTION: Design and construct improvements to the facilities at the Los Reales Landfill for both staff and public uses. Future excavation for the third lined cell at the Los Reales Landfill will require the relocation of several buildings in Fiscal Year 2004.											DESIGN 41.0 RIGHT-OF-WAY - CONSTRUCTION 415.0 OTHER 21.0 INFLATION 23.0 PROJECT TOTAL 500.0			
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT		
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006					
2000 General Obligation Bonds	40	100.0	-	-	-	-	400.0	-	-	400.0	-	500.0		
TOTAL			-	-	-	-	400.0	-	-	400.0	-	500.0		
INFLATION ADJUSTMENT:							-		23.0	-	-	23.0	-	23.0
ANNUAL OPERATING COST:							-		-	-	-	-	-	-

DEPARTMENT: Solid Waste Management (4700)							WARD: 5 START DATE: 7/10 END DATE: 6/18				PROJECT NUMBER: Q324		
PROJECT TITLE: Los Reales Final Closure											<u>ESTIMATED PROJECT COST</u>		
DESCRIPTION: Construct final closure features, including capping and revegetation, when Los Reales Landfill reaches capacity. This project provides environmental protection, allows for beneficial end use, and fulfills federal and state regulatory requirements.											DESIGN 150.0 RIGHT-OF-WAY - CONSTRUCTION 10,921.0 OTHER - INFLATION 1,763.0 PROJECT TOTAL 12,834.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Unfunded Requirements	100	-	-	-	-	-	-	-	-	-	12,834.0	12,834.0	
TOTAL			-	-	-	-	-	-	-	-	12,834.0	12,834.0	
INFLATION ADJUSTMENT:							-		-	-	-	1,763.0	1,763.0
ANNUAL OPERATING COST:							-		-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Solid Waste Management (4700)						WARD: 5 START DATE: 1/97 END DATE: 6/16				PROJECT NUMBER: Q326		
PROJECT TITLE: Los Reales Intermediate Closure										<u>ESTIMATED PROJECT COST</u>		
DESCRIPTION: Construct a phased interim cap along the south, west, and north slopes of the Los Reales Landfill, including stormwater controls on the landfill cap and around the perimeter of the landfill. This project ensures that inactive areas of the landfill comply with federal and state regulations until final closure. Funding in Fiscal Year 2004 is for an intermediate cap for Cell One. Funding in future years is for intermediate capping of cells two through five.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION 1,586.6 OTHER 120.7 INFLATION 139.0 PROJECT TOTAL 1,846.3		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund Contribution	02S	2.7	-	-	-	-	-	-	-	-	-	2.7
1994 General Obligation Bonds Series B	37	190.9	-	-	-	-	-	-	-	-	-	190.9
1994 General Obligation Bonds Series E	44	203.0	-	-	-	-	-	-	-	-	-	203.0
1994 General Obligation Bonds - Series A Interest	36I	240.0	-	-	-	-	-	-	-	-	-	240.0
1994 General Obligation Bonds - Series B Interest	37I	72.7	-	-	-	-	-	-	-	-	-	72.7
2000 General Obligation Bonds	40	-	-	-	-	-	210.0	-	-	210.0	-	210.0
Unfunded Requirements	100	-	-	-	-	-	-	-	-	-	927.0	927.0
TOTAL		709.3	-	-	-	-	210.0	-	-	210.0	927.0	1,846.3
INFLATION ADJUSTMENT:						-	12.0	-	-	12.0	127.0	139.0
ANNUAL OPERATING COST:						-	-	20.0	20.0	40.0		

DEPARTMENT: Solid Waste Management (4700)						WARD: 5 START DATE: 7/98 END DATE: 6/02				PROJECT NUMBER: Q321		
PROJECT TITLE: Los Reales Lined Cell One										<u>ESTIMATED PROJECT COST</u>		
DESCRIPTION: Design and construct the first 25-acre lined cell, opened in April 2000, on the original Los Reales Landfill parcel. Carried forward funding for Fiscal Year 2002 is needed to closeout the construction contract.										DESIGN 307.8 RIGHT-OF-WAY - CONSTRUCTION 3,843.0 OTHER 375.6 INFLATION - PROJECT TOTAL 4,526.4		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund Contribution	02S	830.0	-	-	-	-	-	-	-	-	-	830.0
Environmental and Solid Waste Mandate Reserves	02C	-	34.8	-	34.8	-	-	-	-	34.8	-	34.8
1994 General Obligation Bonds Series B	37	2,192.1	-	-	-	-	-	-	-	-	-	2,192.1
1994 General Obligation Bonds - Series A Interest	36I	440.0	-	-	-	-	-	-	-	-	-	440.0
1994 General Obligation Bonds - Series B Interest	37I	1,029.5	-	-	-	-	-	-	-	-	-	1,029.5
TOTAL		4,491.6	34.8	-	34.8	-	-	-	-	34.8	-	4,526.4
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-		

CAPITAL PROJECTS

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DEPARTMENT: Solid Waste Management (4700)										WARD: 5 START DATE: 7/00 END DATE: 6/02		PROJECT NUMBER: Q335
PROJECT TITLE: Los Reales Lined Cell Two										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct the second lined cell at the Los Reales Landfill. This work involves mass excavation in Fiscal Year 2001 and liner construction in Fiscal Year 2002.										DESIGN 80.0 RIGHT-OF-WAY - CONSTRUCTION 5,120.0 OTHER - INFLATION - PROJECT TOTAL 5,200.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	700.0	-	4,500.0	4,500.0	-	-	-	-	4,500.0	-	5,200.0
TOTAL		700.0	-	4,500.0	4,500.0	-	-	-	-	4,500.0	-	5,200.0
INFLATION ADJUSTMENT: - ANNUAL OPERATING COST: -												

DEPARTMENT: Solid Waste Management (4700)										WARD: 5 START DATE: 7/02 END DATE: 6/11		PROJECT NUMBER: Q910
PROJECT TITLE: Los Reales Lined Cells Three Through Five										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct future lined cells on the original Los Reales Landfill parcel. This project includes construction of an additional three cells and modification of on-site basins, channels, and roads. Excavation for Cell Three is planned for Fiscal Year 2006.										DESIGN 197.0 RIGHT-OF-WAY 294.0 CONSTRUCTION 8,644.0 OTHER - INFLATION 1,371.0 PROJECT TOTAL 10,506.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	200.0	200.0	300.0	-	-	500.0	1,000.0	-	1,000.0
Unfunded Requirements	100	-	-	-	-	-	-	-	-	-	9,506.0	9,506.0
TOTAL		-	-	200.0	200.0	300.0	-	-	500.0	1,000.0	9,506.0	10,506.0
INFLATION ADJUSTMENT: 9.0 ANNUAL OPERATING COST: -												

CAPITAL PROJECTS

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DEPARTMENT: Solid Waste Management (4700)										WARD: 5 START DATE: 7/04 END DATE: 6/05		PROJECT NUMBER: Q329
PROJECT TITLE: Los Reales Self Hauler Facility										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a facility where self-haulers with small vehicles can unload into roll-off boxes, rather than unloading directly into the landfill. Completion of this project will increase landfill safety and efficiency, reduce litter and dust, and accommodate future recycling programs.										DESIGN	36.5	
										RIGHT-OF-WAY	-	
										CONSTRUCTION	279.0	
										OTHER	218.0	
										INFLATION	49.5	
										PROJECT TOTAL	583.0	
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	583.0	-	583.0	-	583.0
TOTAL		-	-	-	-	-	-	583.0	-	583.0	-	583.0
INFLATION ADJUSTMENT:						-	-	49.5	-	49.5	-	49.5
ANNUAL OPERATING COST:						-	-	-	21.0	21.0	-	-

DEPARTMENT: Solid Waste Management (4700)										WARD: 5 START DATE: 1/98 END DATE: 6/04		PROJECT NUMBER: Q325
PROJECT TITLE: Los Reales West Side Closure										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct closure caps (or other mitigation measures) on old disposal areas on the west side of the Los Reales Landfill, including the industrial waste cell. This project complies with federal and state regulatory requirements and will improve long-term protection of soil and groundwater. Plans include completing the cap on the northwest area in Fiscal Year 2002 and capping the southwest area in Fiscal Year 2004.										DESIGN	75.5	
										RIGHT-OF-WAY	-	
										CONSTRUCTION	913.4	
										OTHER	309.6	
										INFLATION	19.5	
										PROJECT TOTAL	1,318.0	
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 General Obligation Bonds Series B	37	76.0	-	-	-	-	-	-	-	-	-	76.0
1994 General Obligation Bonds Series E	44	364.8	-	-	-	-	-	-	-	-	-	364.8
1994 General Obligation Bonds - Series A Interest	36I	9.2	-	-	-	-	-	-	-	-	-	9.2
2000 General Obligation Bonds	40	48.0	480.0	-	480.0	-	-	-	-	480.0	-	528.0
Unfunded Requirements	100	-	-	-	-	-	340.0	-	-	340.0	-	340.0
TOTAL		498.0	480.0	-	480.0	-	340.0	-	-	820.0	-	1,318.0
INFLATION ADJUSTMENT:						-	19.5	-	-	19.5	-	19.5
ANNUAL OPERATING COST:						-	15.0	15.0	15.0	60.0	-	-

CAPITAL PROJECTS

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DEPARTMENT: Solid Waste Management (4700)						WARD: 2 START DATE: 1/96 END DATE: 6/04				PROJECT NUMBER: Q396		
PROJECT TITLE: Mullins Gas Mitigation										ESTIMATED PROJECT COST		
DESCRIPTION: Redesign and rebuild the twelve-year-old gas migration control system at the Mullins Landfill (northeast of Speedway Boulevard and Kolb Road). This project will also ensure compliance with all state and federal regulations and protect public safety and health.										DESIGN 54.3 RIGHT-OF-WAY - CONSTRUCTION 1,321.8 OTHER 365.0 INFLATION 31.0 PROJECT TOTAL 1,772.1		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund Contribution	02S	236.0	-	-	-	-	-	-	-	-	-	236.0
Environmental and Solid Waste Mandate Reserves	02C	-	400.0	-	400.0	-	-	-	-	400.0	-	400.0
1994 General Obligation Bonds Series B	37	23.0	-	-	-	-	-	-	-	-	-	23.0
1994 General Obligation Bonds Series E	44	-	261.7	-	261.7	-	-	-	-	261.7	-	261.7
1994 General Obligation Bonds - Series A Interest	36I	205.4	-	-	-	-	-	-	-	-	-	205.4
1994 General Obligation Bonds - Series B Interest	37I	100.0	-	-	-	-	-	-	-	-	-	100.0
Unfunded Requirements	100	-	-	-	-	-	546.0	-	-	546.0	-	546.0
TOTAL		564.4	661.7	-	661.7	-	546.0	-	-	1,207.7	-	1,772.1
INFLATION ADJUSTMENT:						-	31.0	-	-	31.0	-	31.0
ANNUAL OPERATING COST:						-	5.0	5.0	5.0	20.0	-	-

DEPARTMENT: Solid Waste Management (4700)						WARD: 2 START DATE: 1/96 END DATE: 6/04				PROJECT NUMBER: Q398		
PROJECT TITLE: Mullins Landfill Closure										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct closure features for Mullins Landfill (northeast of Speedway Boulevard and Kolb Road) to comply with federal and state regulations and protect the environment. An aquifer protection permit will be required from the Arizona Department of Environmental Quality prior to construction. Final design and construction of drainage improvements will be completed in Fiscal Year 2002 and completion of cap construction will follow in Fiscal Year 2004.										DESIGN 278.0 RIGHT-OF-WAY 78.8 CONSTRUCTION 3,230.2 OTHER - INFLATION 136.0 PROJECT TOTAL 3,723.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund Contribution	02S	110.0	-	-	-	-	-	-	-	-	-	110.0
1994 General Obligation Bonds Series B	37	79.9	182.1	-	182.1	-	-	-	-	182.1	-	262.0
1994 General Obligation Bonds Series E	44	-	157.6	-	157.6	-	-	-	-	157.6	-	157.6
1994 General Obligation Bonds - Series A Interest	36I	10.4	-	-	-	-	-	-	-	-	-	10.4
1994 General Obligation Bonds - Series B Interest	37I	66.2	123.8	-	123.8	-	-	-	-	123.8	-	190.0
2000 General Obligation Bonds	40	-	630.0	-	630.0	-	-	-	-	630.0	-	630.0
Unfunded Requirements	100	-	-	-	-	-	2,363.0	-	-	2,363.0	-	2,363.0
TOTAL		266.5	1,093.5	-	1,093.5	-	2,363.0	-	-	3,456.5	-	3,723.0
INFLATION ADJUSTMENT:						-	136.0	-	-	136.0	-	136.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Solid Waste Management (4700)						WARD: 2 START DATE: 7/01 END DATE: 6/03				PROJECT NUMBER: Q336		
PROJECT TITLE: Mullins Landfill Stormwater Controls										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct stormwater controls on a major channel adjacent to the southern boundary of the Mullins Landfill.										DESIGN 200.0 RIGHT-OF-WAY - CONSTRUCTION 1,456.0 OTHER - INFLATION 44.0 PROJECT TOTAL 1,700.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 General Obligation Bonds Series E	44	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Unfunded Requirements	100	-	-	-	-	1,500.0	-	-	-	1,500.0	-	1,500.0
TOTAL		-	-	200.0	200.0	1,500.0	-	-	-	1,700.0	-	1,700.0
INFLATION ADJUSTMENT:						44.0	-	-	-	44.0	-	44.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Solid Waste Management (4700)						WARD: 5 START DATE: 7/03 END DATE: 6/06				PROJECT NUMBER: Q338		
PROJECT TITLE: Solid Waste Management Administrative/Training Facility										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a 20,000 square foot building as an administrative and customer service facility to relieve overcrowding at the Price Service Center. It will house over 65 employees and include a facility for truck operator training and daily equipment parking. This project includes funding for the remodeling at the Price Service Center to accommodate the relocation of the Department of Operations.										DESIGN 330.0 RIGHT-OF-WAY 660.0 CONSTRUCTION 7,262.0 OTHER - INFLATION 753.0 PROJECT TOTAL 9,005.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	1,050.0	7,274.0	681.0	9,005.0	-	9,005.0
TOTAL		-	-	-	-	-	1,050.0	7,274.0	681.0	9,005.0	-	9,005.0
INFLATION ADJUSTMENT:						-	60.0	617.0	76.0	753.0	-	753.0
ANNUAL OPERATING COST:						-	-	-	100.0	100.0	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Solid Waste Management (4700)						WARD: 5 START DATE: 7/02 END DATE: 6/05				PROJECT NUMBER: Q339		
PROJECT TITLE: Tenth Avenue Transfer Station Renovation										ESTIMATED PROJECT COST		
DESCRIPTION: Replace transfer equipment and remodel building to increase capacity of the existing facility from 250 to 800 tons per day. This project will increase efficiency and reduce the cost of city residential and commercial waste collection.										DESIGN 146.0 RIGHT-OF-WAY - CONSTRUCTION 1,650.5 OTHER 388.0 INFLATION 140.5 PROJECT TOTAL 2,325.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	150.0	1,751.0	424.0	-	2,325.0	-	2,325.0
TOTAL		-	-	-	-	150.0	1,751.0	424.0	-	2,325.0	-	2,325.0
INFLATION ADJUSTMENT:						4.0	100.5	36.0	-	140.5	-	140.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Solid Waste Management (4700)						WARD: Citywide START DATE: 7/03 END DATE: 6/05				PROJECT NUMBER: Q395		
PROJECT TITLE: Transfer Station Development										ESTIMATED PROJECT COST		
DESCRIPTION: Evaluate the city's future transfer station needs, select a site, and construct a new transfer station to process waste previously destined for the Harrison Landfill. This project will result in reduced waste hauling costs and increased convenience to residential and commercial waste haulers.										DESIGN 47.0 RIGHT-OF-WAY - CONSTRUCTION 5,443.0 OTHER 94.0 INFLATION 494.0 PROJECT TOTAL 6,078.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	773.0	5,305.0	-	6,078.0	-	6,078.0
TOTAL		-	-	-	-	-	773.0	5,305.0	-	6,078.0	-	6,078.0
INFLATION ADJUSTMENT:						-	44.0	450.0	-	494.0	-	494.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Solid Waste Management (4700) PROJECT TITLE: Tumamoc Landfill Closure DESCRIPTION: Design and construct final landfill closure capping and stormwater control features at the closed Tumamoc Landfill. This project would be necessary if the city takes ownership of the land from the State Land Department.						WARD: 1 START DATE: 7/02 END DATE: 6/04				PROJECT NUMBER: Q312 ESTIMATED PROJECT COST DESIGN 97.0 RIGHT-OF-WAY - CONSTRUCTION 971.0 OTHER - INFLATION 62.0 PROJECT TOTAL 1,130.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	100.0	1,030.0	-	-	1,130.0	-	1,130.0
TOTAL		-	-	-	-	100.0	1,030.0	-	-	1,130.0	-	1,130.0
INFLATION ADJUSTMENT:						3.0	59.0	-	-	62.0	-	62.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENTAL CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Transportation

FIVE-YEAR TOTAL: \$ 362,370,700

Transportation's Capital Improvement Program (CIP) is consistent with the Mayor and Council's strategic priorities to promote a Livable Tucson, support the Back to Basics program, and to rejuvenate downtown. The CIP proposes public infrastructure improvements needed to foster a multi-modal transportation system and to provide the type of quality public infrastructure needed to attract industry and protect neighborhoods. The CIP addresses public infrastructure investment in five program elements: Streets, Drainage, Street Lighting, Traffic Signals, and Public Transit.

In order to improve the quality of public infrastructure and sustain a multi-modal transportation system, the CIP features -

- Additional sidewalks, accessible bus shelters, and bikeway improvements
- Prioritized street improvements with an emphasis on operational and air quality programs
- Spot improvements targeting specific neighborhood-level projects throughout the city
- Drainage projects prioritized in the Tucson Stormwater Management
- Street lighting projects identified in the May 2000 bond program
- Renovation and expansion of the traffic signal system to improve safety and operational features with Intelligent Transportation System technology

To ensure that limited resources are programmed in a rational manner, the CIP has been developed with the support and participation of advisory committees, and in accordance with the -

- Maintenance management programs for streets maintenance, traffic operations, and stormwater management
- Major Streets and Routes Plan
- Pima Association of Governments' Long and Short Range Regional Plans, and Intelligent Transportation System deployment program
- Downtown Pedestrian Implementation Plan and Sidewalk Improvement Planning Program
- Pavement Management System
- Tucson Transportation System Planning Study
- Short Range Transportation Plan
- Roadway Development Policies

The funded portion of the department's five-year CIP, approximately 71% of the program, totals \$258.2 million. This funding comes primarily from state and federal grants, local bond funds, and state-shared gasoline user fees.

Unfunded projects in the five-year CIP, approximately 29% of the program, total \$104.2 million; another \$66.9 million in unfunded projects is identified in future years. The unfunded projects identified are only the department's priority projects and do not reflect the total needs for the city's transportation infrastructure over the next ten years.

PIMA COUNTY BOND PROGRAM
STREET PROJECTS LOCATED WITHIN THE CITY OF TUCSON
(\$000)

There are 19 Pima County bond projects totalling \$168 million that are totally or partially located within the City of Tucson. The benefit allocation attributed to the City of Tucson for these projects is \$111.9 million. In the county's bond program ordinance, the county estimated that additional funding of \$16 million would be needed from the City of Tucson. The city's current estimate of city funding needed to complete the following projects is \$85 million.

These projects are being administered by Pima County and therefore do not appear in the city's CIP. They are shown here for reference only.

Project Number	Project Name	Pima County Bonds	City of Tucson Funds		
			As Proposed	Current Estimate	Funding Source
DOT-43	12th Avenue: Veterans Boulevard to Los Reales	9,000.0	-	-	
DOT-41	22nd Street: Interstate 10 to Park	10,000.0	7,000.0	30,000.0	Unfunded
DOT-5	Alvernon Way: Ft. Lowell to River	6,000.0	-	6,000.0	Unfunded
DOT-56	Broadway Boulevard: Euclid to Campbell	15,000.0	9,000.0	10,000.0	Unfunded
DOT-30	Catalina Highway: Tanque Verde to Houghton	6,200.0	-	-	
DOT-12	Country Club Road: 36th Street to Irvington	7,000.0	-	2,500.0	Unfunded
DOT-11	Drexel Road: Tucson to Alvernon	6,500.0	-	1,200.0	Unfunded
DOT-55	Golf Links Road: Bonanza to Houghton	2,500.0	-	800.0	PAG HURF
DOT-40	Grant Road: Oracle to Park	10,000.0	-	20,000.0	Unfunded
DOT-29	Houghton Road: Golf Links to Speedway	20,000.0	-	4,000.0	Unfunded
DOT-20	La Cholla Boulevard: Interstate 10 to Ruthraff	15,000.0	-	-	
DOT-15	River Road: Thornydale to Shannon	4,000.0	-	-	
DOT-4	River Road: Campbell to Alvernon	13,500.0	-	-	
DOT-1	River Road: First to Campbell	15,500.0	-	-	
DOT-28	Speedway Boulevard: Camino Seco to Houghton	8,000.0	-	8,000.0	Unfunded
DOT-31	Tanque Verde Road: Catalina Highway to Houghton	7,100.0	-	-	
DOT-39	Valencia Road: Interstate 19 to South 12th Avenue	900.0	-	600.0	PAG HURF
DOT-49	Valencia Road: Mission to Interstate 19	4,000.0	-	2,000.0	Unfunded
DOT-14	Wetmore and Ruthraff Roads: La Cholla to Fairview	7,800.0	-	-	
TOTAL		\$ 168,000.0	\$ 16,000.0	\$ 85,100.0	

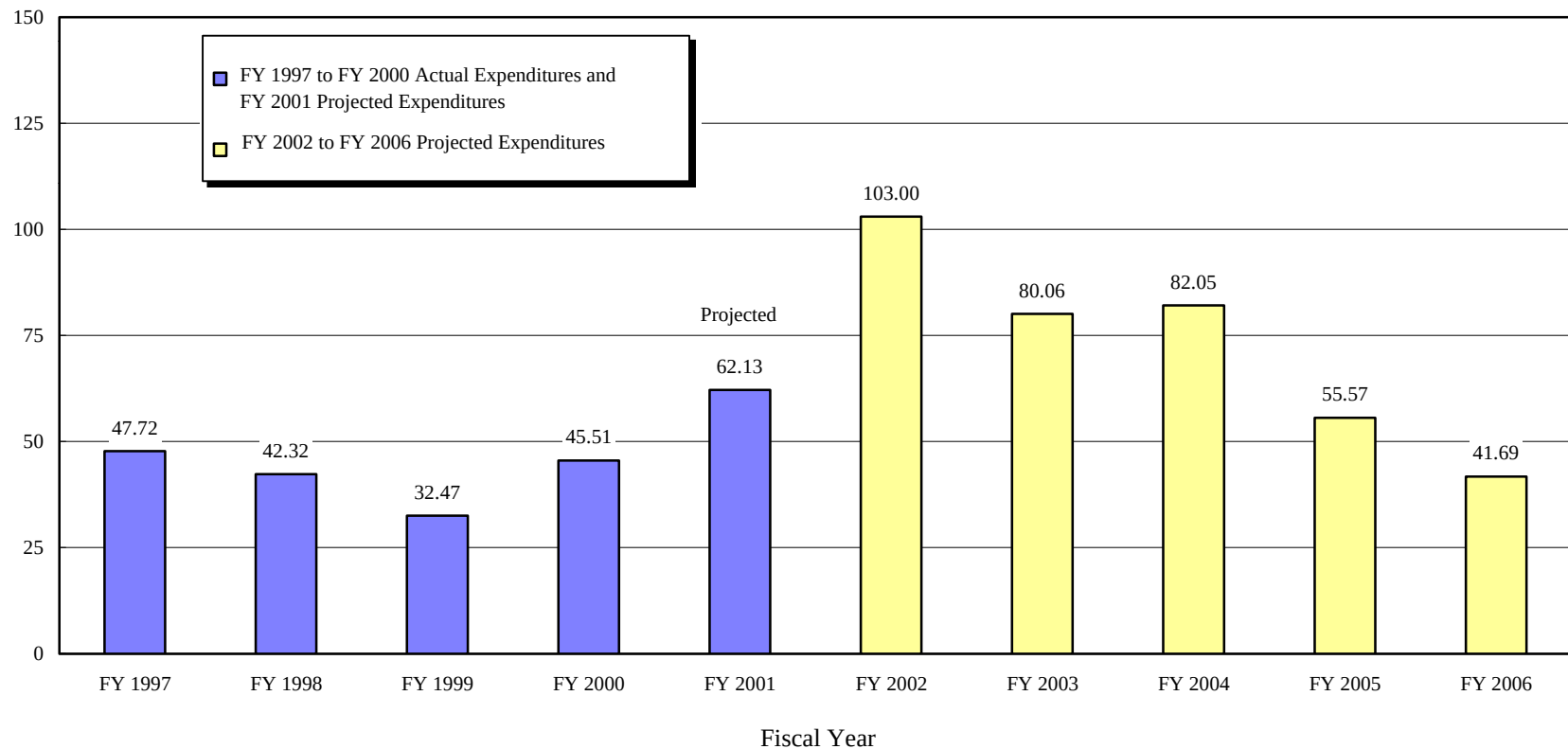
PAG HURF = State-shared Highway User Revenue Fund (HURF) monies that the Pima Association of Governments (PAG) allocates for our region.

CAPITAL PROJECTS LOCATIONS

Transportation

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
<u>Streets</u> (projects indicated within a circle)		<u>Street Lighting</u> (projects indicated within a square)	
1. 6th Avenue: 19th Street to I-10	FY 2002	1. 1st Avenue: Prince Road to Roger Road	FY 2002
2. Barraza-Aviation Parkway : 4th Avenue Underpass	FY 2003	2. Broadway: Kolb Road to Pantano Road	FY 2002
3. Camino Seco: Wrightstown to Speedway	FY 2003	3. Golf Links: Alvernon to Craycroft	FY 2002
4. Grant/Campbell Grade-Separated Intersection	FY 2004	4. Kolb Road: 22nd Street to Speedway Boulevard	FY 2002
5. Harrison Road: Golf Links to Old Spanish Trail	FY 2002	5. Pantano: Speedway to 22nd Street	FY 2002
6. Pantano Road: Golf Links to Escalante	FY 2002	6. Wilmot: Broadway to Golf Links	FY 2002
7. Pima Street: Swan to Craycroft	FY 2002		
8. Speedway/Stone Gateway Intersection	FY 2002		
<u>Drainage</u> (projects indicated within a triangle)			
1. Columbus Wash Drainage Relief - Phase II	FY 2004		
2. El Vado Wash	FY 2002		
3. Limberlost Drainage Relief	FY 2002		
4. Mountain Avenue Drainage Improvements	FY 2002		
5. Palo Verde Road: Glenn to Grant	FY 2002		

**Capital Improvements
Ten-Year Comparison
Transportation**
(\$ Millions)



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

Transportation

DEPARTMENT

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROGRAM AREA	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Streets	26,399.7	11,733.0	41,559.0	53,292.0	39,108.0	33,899.0	18,299.0	16,978.0	161,576.0	76,562.0	264,537.7
Drainage	6,732.7	5,798.7	7,900.0	13,698.7	6,258.0	9,550.0	10,400.0	200.0	40,106.7	348.0	47,187.4
Street Lighting	2,335.9	1,829.0	2,430.0	4,259.0	2,855.0	1,859.0	1,843.0	495.0	11,311.0	-	13,646.9
Traffic Signals	4,404.7	314.0	3,046.0	3,360.0	4,613.0	2,176.0	2,082.0	429.0	12,660.0	-	17,064.7
Public Transit	14,789.3	13,777.0	14,612.0	28,389.0	27,223.0	34,565.0	22,950.0	23,590.0	136,717.0	-	151,506.3
TOTAL	54,662.3	33,451.7	69,547.0	102,998.7	80,057.0	82,049.0	55,574.0	41,692.0	362,370.7	76,910.0	493,943.0
Source of Funds	Fund No.										
General Fund	01	287.6	-	529.0	533.0	537.0	540.0	645.0	2,784.0	-	3,071.6
Highway User Revenue Fund	15	5,474.7	1,559.0	6,570.0	6,061.0	1,099.0	587.0	589.0	16,465.0	-	21,939.7
Highway User Revenue Fund - Restricted	17	6,682.7	-	-	-	-	-	-	-	-	6,682.7
Arizona Department of Transportation	13A	434.6	-	500.0	500.0	500.0	500.0	500.0	2,500.0	-	2,934.6
Capital Agreements Fund	13	25.2	250.0	388.0	389.0	-	-	-	1,027.0	-	1,052.2
Mass Transit - State Grants	95S	210.0	428.0	428.0	-	-	-	-	428.0	-	638.0
Mass Transit Section 3	95A	4,629.6	3,499.6	3,000.0	-	-	-	-	6,499.6	-	11,129.2
Mass Transit Section 3 - Local	95B	824.7	876.4	250.0	-	-	-	-	1,126.4	-	1,951.1
Mass Transit Section 9	95C	1,108.5	6,439.4	8,906.0	8,139.0	8,384.0	8,615.0	8,881.0	49,364.4	-	50,472.9
Mass Transit Section 9 - Local	95D	386.8	1,610.6	1,765.0	2,035.0	2,093.0	2,153.0	2,221.0	11,877.6	-	12,264.4
Mass Transit Surface Transportation Program	95E	986.8	257.6	612.0	1,050.0	1,082.0	1,115.0	1,148.0	5,264.6	-	6,251.4
Mass Transit Surface Transportation Program - Local	95F	38.7	15.4	12.0	64.0	66.0	67.0	69.0	293.4	-	332.1
Pima Association of Governments	13H	5,298.2	3,913.0	8,000.0	4,550.0	3,999.0	4,000.0	4,000.0	28,462.0	10,000.0	43,760.2
Pima County Contributions	13P	75.0	-	-	206.0	-	-	-	206.0	-	281.0
Special Assessments Fund	16	1,212.0	578.0	1,754.0	1,170.0	660.0	644.0	550.0	5,356.0	-	6,568.0
TUSD Contributions	13T	-	100.0	30.0	30.0	30.0	30.0	30.0	250.0	-	250.0
University of Arizona Contributions	13U	-	50.0	57.0	-	-	-	-	107.0	-	107.0
Federal Highway Administration Funds	91	3,079.0	47.0	22,580.0	16,165.0	3,549.0	3,583.0	3,619.0	49,543.0	-	52,622.0
1984 Street and Highway Revenue Bonds	29	473.7	-	-	-	-	-	-	-	-	473.7
1994 General Obligation Bonds Series A	36	55.6	-	-	-	-	-	-	-	-	55.6
1994 General Obligation Bonds Series B	37	2,660.4	-	-	-	-	-	-	-	-	2,660.4
1994 General Obligation Bonds Series D	43	1,650.0	650.0	-	-	-	-	-	650.0	-	2,300.0
1994 General Obligation Bonds Series E	44	1,366.7	1,748.7	200.0	-	-	-	-	1,948.7	-	3,315.4
2000 General Obligation Bonds	40	5,666.0	5,679.0	8,748.0	7,669.0	11,113.0	5,963.0	-	39,172.0	-	44,838.0

Transportation

DEPARTMENT

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROGRAM AREA	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 Street and Highway Revenue Bonds Series A	32	570.2	-	-	-	-	-	-	-	-	570.2
1994 Street and Highway Revenue Bonds Series B	33	516.5	-	-	-	-	-	-	-	-	516.5
1994 Street and Highway Revenue Bonds Series C	34	685.4	-	-	-	-	-	-	-	-	685.4
1994 Street and Highway Revenue Bonds Series D	35	2,562.2	-	-	-	-	-	-	-	-	2,562.2
1994 Street and Highway Revenue Bonds Series E	31	7,701.5	5,750.0	4,146.0	-	-	-	-	9,896.0	-	17,597.5
2000 Street and Highway Revenue Bonds	30	-	-	1,500.0	8,334.0	8,334.0	6,832.0	-	25,000.0	-	25,000.0
Unfunded Requirements	100	-	-	-	23,162.0	40,603.0	20,945.0	19,440.0	104,150.0	66,910.0	171,060.0
TOTAL		54,662.3	33,451.7	69,547.0	80,057.0	82,049.0	55,574.0	41,692.0	362,370.7	76,910.0	493,943.0
Inflation Adjustment				-	2,337.8	4,711.4	4,717.0	4,647.8	16,414.0	10,567.0	26,981.0
Annual Operating Cost			-	2.0	29.6	2.8	275.6	294.8	604.8		

336,282

DEPARTMENTAL CAPITAL IMPROVEMENT PROGRAM STATEMENT

FY 2002 THROUGH FY 2006

DEPARTMENT: Transportation

FIVE-YEAR TOTAL: \$ 161,576,000

PROGRAM AREA: Streets

The Streets program includes an ongoing plan to upgrade the arterial, collector, and residential transportation network (streets, sidewalks, and bikeways). Recognizing that an efficiently operating street transportation system is necessary for the economic health of the community, the Streets program's primary goal is to construct and maintain an arterial street system that permits a safe and an unimpeded flow of traffic.

- *Arterial and Collector Street Upgrades:* Approximately 6.5 miles of arterial streets will be upgraded to fully improved status, increasing capacity to address existing traffic congestion. Fully improved streets are multi-lane facilities with sidewalks, appropriate curbs, storm drains, bike lanes, and landscaped medians.



Construction on Sixth Avenue, from 19th Street to I-10, is scheduled for completion in Fiscal Year 2002.

Project improvements include decorative median paving, continuous left turn lanes, widened sidewalks, landscaping, and drainage.

- *Street Maintenance and Air Quality Improvements:* A major portion of the Streets program funding has been allocated to the rehabilitation of existing streets, with an emphasis on pavement reconstruction and intersection capacity improvements. Many street segments, despite having the full complement of urban improvements, and being in generally good condition, can no longer provide an adequate level of service because of increased traffic volumes. In many cases, the most cost-effective means of providing additional service capacity on these streets is to add turn lanes at major intersections. This alternative to street widening can often lower street improvement costs by as much as 60 percent per mile, and reduce the disruption associated with a street-widening project.

The Tucson Transportation System Planning Study (TTSPS) addresses a prioritized list of intersections in need of capacity improvements, with recommendations for specific improvements. These intersection capacity improvements are primarily funded from the Intersection Operational Improvements portion of the May 2000 bond authorization.

- *Alternate Modes of Transportation:* Alternate modes of transportation are also strongly emphasized in the Streets program. Sidewalks and bike lanes are standard features of all street improvements. If appropriate, bus lanes and pullouts are also included in street designs. Wherever feasible, landscaping in sidewalk areas is included along street-widening projects to encourage pedestrian activity. Construction efforts for pedestrians and bicycles are included as individual programs.

The funded portion of the five-year Streets program, approximately 78%, totals \$125.8 million. This funding is primarily from state and federal grants, local bonds, and state-shared gasoline user fees. Unfunded projects in the five-year program total \$35.8 million, or 22% of the total. An additional \$66.6 million in unfunded projects is identified for future years.

Transportation
DEPARTMENT

Streets
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
22nd Street/Alvernon Intersection Improvement	B - 129	166.3	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	1,666.3
1994 Street and Highway Revenue Bonds Series A		94.8	-	-	-	-	-	-	-	-	-	94.8
1994 Street and Highway Revenue Bonds Series D		71.5	-	-	-	-	-	-	-	-	-	71.5
2000 Street and Highway Revenue Bonds		-	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	1,500.0
5th/6th Street Circulation Improvements	B - 129	802.3	-	52.0	52.0	54.0	-	-	-	106.0	-	908.3
Highway User Revenue Fund		112.3	-	52.0	52.0	54.0	-	-	-	106.0	-	218.3
Federal Highway Administration Funds		429.0	-	-	-	-	-	-	-	-	-	429.0
1994 Street and Highway Revenue Bonds Series B		18.0	-	-	-	-	-	-	-	-	-	18.0
1994 Street and Highway Revenue Bonds Series D		10.3	-	-	-	-	-	-	-	-	-	10.3
1994 Street and Highway Revenue Bonds Series E		232.7	-	-	-	-	-	-	-	-	-	232.7
6th Avenue: 19th Street to I-10	B - 130	2,824.5	-	1,550.0	1,550.0	-	-	-	-	1,550.0	-	4,374.5
Arizona Department of Transportation		159.5	-	-	-	-	-	-	-	-	-	159.5
Federal Highway Administration Funds		2,000.0	-	1,550.0	1,550.0	-	-	-	-	1,550.0	-	3,550.0
1984 Street and Highway Revenue Bonds		5.0	-	-	-	-	-	-	-	-	-	5.0
1994 Street and Highway Revenue Bonds Series B		259.6	-	-	-	-	-	-	-	-	-	259.6
1994 Street and Highway Revenue Bonds Series C		149.5	-	-	-	-	-	-	-	-	-	149.5
1994 Street and Highway Revenue Bonds Series D		250.9	-	-	-	-	-	-	-	-	-	250.9
6th Avenue: Ajo to Rodeo Wash	B - 130	445.4	-	4,000.0	4,000.0	-	-	-	-	4,000.0	-	4,445.4
Arizona Department of Transportation		275.1	-	-	-	-	-	-	-	-	-	275.1
Federal Highway Administration Funds		-	-	4,000.0	4,000.0	-	-	-	-	4,000.0	-	4,000.0
1994 Street and Highway Revenue Bonds Series D		170.3	-	-	-	-	-	-	-	-	-	170.3
Anklam Road Traffic Safety Improvements	B - 131	-	225.0	-	225.0	-	-	-	-	225.0	-	225.0
Highway User Revenue Fund		-	75.0	-	75.0	-	-	-	-	75.0	-	75.0
Capital Agreements Fund		-	150.0	-	150.0	-	-	-	-	150.0	-	150.0
Barraza-Aviation Parkway: 4th Avenue Underpass	B - 131	1,165.5	100.0	9,000.0	9,100.0	6,000.0	-	-	-	15,100.0	-	16,265.5
Highway User Revenue Fund - Restricted		103.7	-	-	-	-	-	-	-	-	-	103.7
Pima Association of Governments		1,061.8	100.0	-	100.0	-	-	-	-	100.0	-	1,161.8
Federal Highway Administration Funds		-	-	9,000.0	9,000.0	6,000.0	-	-	-	15,000.0	-	15,000.0
Barraza-Aviation Parkway: 6th Avenue/18th Street Intersection Improvements	B - 132	399.0	51.0	944.0	995.0	250.0	-	-	-	1,245.0	-	1,644.0
Pima Association of Governments		249.0	51.0	-	51.0	-	-	-	-	51.0	-	300.0
Federal Highway Administration Funds		150.0	-	944.0	944.0	250.0	-	-	-	1,194.0	-	1,344.0

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Barraza-Aviation Parkway: Downtown Segment	B - 132	2,303.6	-	1,500.0	1,500.0	1,072.0	499.0	500.0	500.0	4,071.0	46,562.0	52,936.6
Highway User Revenue Fund		15.5	-	-	-	572.0	-	-	-	572.0	-	587.5
Highway User Revenue Fund - Restricted		1,304.8	-	-	-	-	-	-	-	-	-	1,304.8
Pima Association of Governments		983.3	-	1,500.0	1,500.0	500.0	499.0	500.0	500.0	3,499.0	-	4,482.3
Unfunded Requirements		-	-	-	-	-	-	-	-	-	46,562.0	46,562.0
Barraza-Aviation Parkway: Neighborhood Traffic Mitigation	B - 133	2.0	97.0	66.0	163.0	68.0	50.0	50.0	50.0	381.0	-	383.0
Highway User Revenue Fund		2.0	97.0	66.0	163.0	68.0	-	-	-	231.0	-	233.0
Pima Association of Governments		-	-	-	-	-	50.0	50.0	50.0	150.0	-	150.0
Barraza-Aviation Parkway: Park Avenue/Euclid Avenue Multiple-Use Bridge	B - 133	195.5	100.0	25.0	125.0	600.0	-	-	-	725.0	-	920.5
Highway User Revenue Fund		-	-	25.0	25.0	-	-	-	-	25.0	-	25.0
Highway User Revenue Fund - Restricted		25.9	-	-	-	-	-	-	-	-	-	25.9
Pima Association of Governments		169.6	100.0	-	100.0	600.0	-	-	-	700.0	-	869.6
Barraza-Aviation Parkway: Tucson Arroyo Realignment, Phase I	B - 134	54.0	300.0	500.0	800.0	-	-	-	-	800.0	-	854.0
Pima Association of Governments		54.0	300.0	500.0	800.0	-	-	-	-	800.0	-	854.0
Bicycle, Pedestrian, and Transit Program - Federally Funded	B - 134	-	-	906.0	906.0	932.0	957.0	983.0	1,009.0	4,787.0	-	4,787.0
Highway User Revenue Fund		-	-	99.0	99.0	100.0	100.0	100.0	100.0	499.0	-	499.0
Federal Highway Administration Funds		-	-	807.0	807.0	832.0	857.0	883.0	909.0	4,288.0	-	4,288.0
Bikeway Program - Locally Funded	B - 135	1,257.0	-	266.0	266.0	274.0	-	-	-	540.0	-	1,797.0
Highway User Revenue Fund		245.3	-	266.0	266.0	274.0	-	-	-	540.0	-	785.3
Highway User Revenue Fund - Restricted		856.2	-	-	-	-	-	-	-	-	-	856.2
1994 Street and Highway Revenue Bonds Series A		150.5	-	-	-	-	-	-	-	-	-	150.5
1994 Street and Highway Revenue Bonds Series B		5.0	-	-	-	-	-	-	-	-	-	5.0
Broadway Boulevard Bicycle and Pedestrian Bridge	B - 135	244.6	-	1,538.0	1,538.0	-	-	-	-	1,538.0	-	1,782.6
Highway User Revenue Fund - Restricted		244.6	-	-	-	-	-	-	-	-	-	244.6
Federal Highway Administration Funds		-	-	1,538.0	1,538.0	-	-	-	-	1,538.0	-	1,538.0

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Broadway Boulevard Right-Turn/Transit Lane at El Con Mall	B - 136	10.0	290.0	-	290.0	-	-	-	-	290.0	-	300.0
Highway User Revenue Fund		10.0	190.0	-	190.0	-	-	-	-	190.0	-	200.0
Capital Agreements Fund		-	100.0	-	100.0	-	-	-	-	100.0	-	100.0
Bus Pull-Outs, Shelters, Access, and Miscellaneous Improvements	B - 136	-	-	-	-	1,000.0	1,000.0	1,000.0	-	3,000.0	-	3,000.0
2000 Street and Highway Revenue Bonds Series A		-	-	-	-	1,000.0	1,000.0	1,000.0	-	3,000.0	-	3,000.0
Camino Seco Boulevard: Wrightstown Road to Speedway Boulevard Improvement District	B - 137	501.0	428.0	696.0	1,124.0	2,660.0	-	-	-	3,784.0	-	4,285.0
Highway User Revenue Fund - Restricted		334.0	-	-	-	-	-	-	-	-	-	334.0
Special Assessments Fund		67.0	428.0	-	428.0	-	-	-	-	428.0	-	495.0
1994 Street and Highway Revenue Bonds Series B		54.8	-	-	-	-	-	-	-	-	-	54.8
1994 Street and Highway Revenue Bonds Series D		16.0	-	-	-	-	-	-	-	-	-	16.0
1994 Street and Highway Revenue Bonds Series E		29.2	-	696.0	696.0	-	-	-	-	696.0	-	725.2
Unfunded Requirements		-	-	-	-	2,660.0	-	-	-	2,660.0	-	2,660.0
Downtown Comprehensive Signage	B - 137	89.4	-	31.0	31.0	32.0	-	-	-	63.0	-	152.4
Highway User Revenue Fund		89.4	-	31.0	31.0	32.0	-	-	-	63.0	-	152.4
Downtown Pedestrian Improvements	B - 138	-	-	100.0	100.0	2,600.0	2,500.0	2,500.0	2,500.0	10,200.0	10,000.0	20,200.0
Highway User Revenue Fund		-	-	100.0	100.0	100.0	-	-	-	200.0	-	200.0
Pima Association of Governments		-	-	-	-	2,500.0	2,500.0	2,500.0	2,500.0	10,000.0	10,000.0	20,000.0
Flowing Wells Road Sidewalk Improvement District	B - 138	456.7	125.0	-	125.0	-	-	-	-	125.0	-	581.7
Highway User Revenue Fund		130.9	125.0	-	125.0	-	-	-	-	125.0	-	255.9
Highway User Revenue Fund - Restricted		66.6	-	-	-	-	-	-	-	-	-	66.6
Special Assessments Fund		99.2	-	-	-	-	-	-	-	-	-	99.2
1994 Street and Highway Revenue Bonds Series D		160.0	-	-	-	-	-	-	-	-	-	160.0
Grant Road and Campbell Avenue Grade-Separated Intersection	B - 139	1,343.5	1,800.0	4,000.0	5,800.0	2,000.0	15,000.0	-	-	22,800.0	-	24,143.5
Pima Association of Governments		1,343.5	1,800.0	4,000.0	5,800.0	-	-	-	-	5,800.0	-	7,143.5
Unfunded Requirements		-	-	-	-	2,000.0	15,000.0	-	-	17,000.0	-	17,000.0

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Harrison Road: Golf Links Road to Old Spanish Trail Improvement District	B - 139	1,500.2	2,000.0	1,500.0	3,500.0	-	-	-	-	3,500.0	-	5,000.2
Special Assessments Fund		350.0	-	-	-	-	-	-	-	-	-	350.0
1994 Street and Highway Revenue Bonds Series B		10.0	-	-	-	-	-	-	-	-	-	10.0
1994 Street and Highway Revenue Bonds Series D		57.1	-	-	-	-	-	-	-	-	-	57.1
1994 Street and Highway Revenue Bonds Series E		1,083.1	2,000.0	1,500.0	3,500.0	-	-	-	-	3,500.0	-	4,583.1
Highland Avenue Bicycle and Pedestrian Improvements	B - 140	79.0	239.0	1,093.0	1,332.0	-	-	-	-	1,332.0	-	1,411.0
Highway User Revenue Fund		66.0	239.0	153.0	392.0	-	-	-	-	392.0	-	458.0
Federal Highway Administration Funds		-	-	940.0	940.0	-	-	-	-	940.0	-	940.0
1984 Street and Highway Revenue Bonds		13.0	-	-	-	-	-	-	-	-	-	13.0
Houghton Road Corridor Study	B - 140	100.0	400.0	-	400.0	-	-	-	-	400.0	-	500.0
Pima Association of Governments		100.0	400.0	-	400.0	-	-	-	-	400.0	-	500.0
Intersection Operational Improvements	B - 141	-	-	-	-	5,000.0	5,000.0	3,500.0	-	13,500.0	-	13,500.0
2000 Street and Highway Revenue Bonds Series A		-	-	-	-	5,000.0	5,000.0	3,500.0	-	13,500.0	-	13,500.0
Kino Boulevard Pedestrian Overpass	B - 141	100.0	-	400.0	400.0	460.0	-	-	-	860.0	-	960.0
Highway User Revenue Fund		5.0	-	24.0	24.0	30.0	-	-	-	54.0	-	59.0
Federal Highway Administration Funds		-	-	376.0	376.0	430.0	-	-	-	806.0	-	806.0
1994 Street and Highway Revenue Bonds Series E		95.0	-	-	-	-	-	-	-	-	-	95.0
Land Acquisition: Ongoing Projects	B - 142	-	-	1,950.0	1,950.0	1,050.0	950.0	950.0	950.0	5,850.0	-	5,850.0
Highway User Revenue Fund		-	-	200.0	200.0	100.0	-	-	-	300.0	-	300.0
Pima Association of Governments		-	-	1,750.0	1,750.0	950.0	950.0	950.0	950.0	5,550.0	-	5,550.0
Material/Equipment Site Development	B - 142	56.9	-	100.0	100.0	-	-	-	-	100.0	-	156.9
Highway User Revenue Fund		56.9	-	100.0	100.0	-	-	-	-	100.0	-	156.9
Miscellaneous Improvement Districts and Developer-Funded Projects	B - 143	-	-	300.0	300.0	300.0	200.0	200.0	200.0	1,200.0	-	1,200.0
Highway User Revenue Fund		-	-	100.0	100.0	100.0	-	-	-	200.0	-	200.0
Special Assessments Fund		-	-	200.0	200.0	200.0	200.0	200.0	200.0	1,000.0	-	1,000.0
Miscellaneous On-Call Street and Spot Improvements	B - 143	2,324.4	-	496.0	496.0	472.0	282.0	-	-	1,250.0	-	3,574.4
Highway User Revenue Fund		527.5	-	496.0	496.0	472.0	282.0	-	-	1,250.0	-	1,777.5
Highway User Revenue Fund - Restricted		1,796.9	-	-	-	-	-	-	-	-	-	1,796.9

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Miscellaneous Sidewalk Improvement Program	B - 144	1,410.6	-	500.0	500.0	500.0	501.0	504.0	-	2,005.0	-	3,415.6
Highway User Revenue Fund - Restricted		595.7	-	-	-	-	-	-	-	-	-	595.7
Special Assessments Fund		100.0	-	100.0	100.0	100.0	101.0	104.0	-	405.0	-	505.0
1984 Street and Highway Revenue Bonds		314.9	-	-	-	-	-	-	-	-	-	314.9
2000 General Obligation Bonds		400.0	-	400.0	400.0	400.0	400.0	400.0	-	1,600.0	-	2,000.0
Mountain Avenue: Ft. Lowell Road to Roger Road	B - 144	216.3	100.0	574.0	674.0	5,562.0	-	-	-	6,236.0	-	6,452.3
Highway User Revenue Fund		215.0	100.0	574.0	674.0	562.0	-	-	-	1,236.0	-	1,451.0
Highway User Revenue Fund - Restricted		1.3	-	-	-	-	-	-	-	-	-	1.3
Federal Highway Administration Funds		-	-	-	-	5,000.0	-	-	-	5,000.0	-	5,000.0
Overlay Projects - Federally Funded	B - 145	500.0	28.0	-	28.0	-	-	-	-	28.0	-	528.0
Highway User Revenue Fund		-	28.0	-	28.0	-	-	-	-	28.0	-	28.0
Federal Highway Administration Funds		500.0	-	-	-	-	-	-	-	-	-	500.0
Pantano Road: Golf Links Road to Escalante Road Improvement District	B - 145	3,518.9	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	5,018.9
Special Assessments Fund		400.0	-	-	-	-	-	-	-	-	-	400.0
1994 Street and Highway Revenue Bonds Series B		4.8	-	-	-	-	-	-	-	-	-	4.8
1994 Street and Highway Revenue Bonds Series D		397.3	-	-	-	-	-	-	-	-	-	397.3
1994 Street and Highway Revenue Bonds Series E		2,716.8	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	4,216.8
Pedestrian Crossing at Escalante Road and Atterbury Wash	B - 146	-	-	-	-	-	311.0	-	-	311.0	-	311.0
Unfunded Requirements		-	-	-	-	-	311.0	-	-	311.0	-	311.0
Pedestrian Improvements	B - 146	-	-	-	-	667.0	666.0	667.0	-	2,000.0	-	2,000.0
2000 Street and Highway Revenue Bonds Series A		-	-	-	-	667.0	666.0	667.0	-	2,000.0	-	2,000.0
Pima Street: Swan Road to Craycroft Boulevard Improvement District	B - 147	2,265.8	3,000.0	436.0	3,436.0	-	-	-	-	3,436.0	-	5,701.8
Highway User Revenue Fund - Restricted		116.8	-	-	-	-	-	-	-	-	-	116.8
Special Assessments Fund		195.8	-	436.0	436.0	-	-	-	-	436.0	-	631.8
1994 Street and Highway Revenue Bonds Series A		51.8	-	-	-	-	-	-	-	-	-	51.8
1994 Street and Highway Revenue Bonds Series D		357.9	-	-	-	-	-	-	-	-	-	357.9
1994 Street and Highway Revenue Bonds Series E		1,543.5	3,000.0	-	3,000.0	-	-	-	-	3,000.0	-	4,543.5

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Resurfacing, Restoration, and Rehabilitation Program - Federally Funded	B - 147	-	-	2,800.0	2,800.0	2,800.0	2,800.0	2,800.0	2,800.0	14,000.0	-	14,000.0
Highway User Revenue Fund		-	-	400.0	400.0	400.0	400.0	400.0	400.0	2,000.0	-	2,000.0
Federal Highway Administration Funds		-	-	2,400.0	2,400.0	2,400.0	2,400.0	2,400.0	2,400.0	12,000.0	-	12,000.0
Resurfacing, Restoration, and Rehabilitation Program - Locally Funded	B - 148	-	1,300.0	1,176.0	2,476.0	3,024.0	2,122.0	3,715.0	7,939.0	19,276.0	20,000.0	39,276.0
Highway User Revenue Fund		-	200.0	1,176.0	1,376.0	964.0	-	-	-	2,340.0	-	2,340.0
Pima Association of Governments		-	1,100.0	-	1,100.0	-	-	-	-	1,100.0	-	1,100.0
Unfunded Requirements		-	-	-	-	2,060.0	2,122.0	3,715.0	7,939.0	15,836.0	20,000.0	35,836.0
Roadway Beautification and Landscape Maintenance	B - 148	407.2	50.0	200.0	250.0	200.0	-	-	-	450.0	-	857.2
Highway User Revenue Fund		407.2	50.0	200.0	250.0	200.0	-	-	-	450.0	-	857.2
South Yard Drill Track Improvements	B - 149	682.0	300.0	130.0	430.0	131.0	131.0	-	-	692.0	-	1,374.0
Highway User Revenue Fund		243.4	300.0	130.0	430.0	131.0	131.0	-	-	692.0	-	935.4
Highway User Revenue Fund - Restricted		438.6	-	-	-	-	-	-	-	-	-	438.6
Speedway/Stone Avenue Gateway Intersection Improvements	B - 149	600.0	-	200.0	200.0	-	-	-	-	200.0	-	800.0
1994 Street and Highway Revenue Bonds Series E		600.0	-	200.0	200.0	-	-	-	-	200.0	-	800.0
Stone Avenue Corridor Study - Phase II Design Concept Report	B - 150	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0
Pima Association of Governments		-	-	250.0	250.0	-	-	-	-	250.0	-	250.0
Transportation Enhancements	B - 150	-	-	530.0	530.0	530.0	530.0	530.0	530.0	2,650.0	-	2,650.0
Highway User Revenue Fund		-	-	30.0	30.0	30.0	30.0	30.0	30.0	150.0	-	150.0
Arizona Department of Transportation		-	-	500.0	500.0	500.0	500.0	500.0	500.0	2,500.0	-	2,500.0
Tyndall Avenue Multi-Modal Corridor: University Boulevard to Sixth Street	B - 151	-	50.0	50.0	100.0	470.0	-	-	-	570.0	-	570.0
University of Arizona Contributions		-	50.0	50.0	100.0	-	-	-	-	100.0	-	100.0
Federal Highway Administration Funds		-	-	-	-	470.0	-	-	-	470.0	-	470.0
Undergrounding of Tucson Electric Power Lines	B - 151	-	-	400.0	400.0	400.0	400.0	400.0	500.0	2,100.0	-	2,100.0
General Fund		-	-	400.0	400.0	400.0	400.0	400.0	500.0	2,100.0	-	2,100.0

Transportation
DEPARTMENT

Streets
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Wetmore Road: Fairview Road to Oracle Road Improvement District	B - 152	378.1	750.0	300.0	1,050.0	-	-	-	-	1,050.0	-	1,428.1
Special Assessments Fund		-	-	50.0	50.0	-	-	-	-	50.0	-	50.0
1994 Street and Highway Revenue Bonds Series A		44.7	-	-	-	-	-	-	-	-	-	44.7
1994 Street and Highway Revenue Bonds Series B		35.6	-	-	-	-	-	-	-	-	-	35.6
1994 Street and Highway Revenue Bonds Series D		164.0	-	-	-	-	-	-	-	-	-	164.0
1994 Street and Highway Revenue Bonds Series E		133.8	750.0	250.0	1,000.0	-	-	-	-	1,000.0	-	1,133.8
TOTAL		26,399.7	11,733.0	41,559.0	53,292.0	39,108.0	33,899.0	18,299.0	16,978.0	161,576.0	76,562.0	264,537.7
Source of Funds	Fund No.											
General Fund	01	-	-	400.0	400.0	400.0	400.0	400.0	500.0	2,100.0	-	2,100.0
Highway User Revenue Fund	15	2,126.4	1,404.0	4,222.0	5,626.0	4,189.0	943.0	530.0	530.0	11,818.0	-	13,944.4
Highway User Revenue Fund - Restricted	17	5,885.1	-	-	-	-	-	-	-	-	-	5,885.1
Arizona Department of Transportation	13A	434.6	-	500.0	500.0	500.0	500.0	500.0	500.0	2,500.0	-	2,934.6
Capital Agreements Fund	13	-	250.0	-	250.0	-	-	-	-	250.0	-	250.0
Pima Association of Governments	13H	3,961.2	3,851.0	8,000.0	11,851.0	4,550.0	3,999.0	4,000.0	4,000.0	28,400.0	10,000.0	42,361.2
Special Assessments Fund	16	1,212.0	428.0	786.0	1,214.0	300.0	301.0	304.0	200.0	2,319.0	-	3,531.0
University of Arizona Contributions	13U	-	50.0	50.0	100.0	-	-	-	-	100.0	-	100.0
Federal Highway Administration Funds	91	3,079.0	-	21,555.0	21,555.0	15,382.0	3,257.0	3,283.0	3,309.0	46,786.0	-	49,865.0
1984 Street and Highway Revenue Bonds	29	332.9	-	-	-	-	-	-	-	-	-	332.9
2000 General Obligation Bonds	40	400.0	-	400.0	400.0	400.0	400.0	400.0	-	1,600.0	-	2,000.0
1994 Street and Highway Revenue Bonds Series A	32	341.8	-	-	-	-	-	-	-	-	-	341.8
1994 Street and Highway Revenue Bonds Series B	33	387.8	-	-	-	-	-	-	-	-	-	387.8
1994 Street and Highway Revenue Bonds Series C	34	149.5	-	-	-	-	-	-	-	-	-	149.5
1994 Street and Highway Revenue Bonds Series D	35	1,655.3	-	-	-	-	-	-	-	-	-	1,655.3
1994 Street and Highway Revenue Bonds Series E	31	6,434.1	5,750.0	4,146.0	9,896.0	-	-	-	-	9,896.0	-	16,330.1
2000 Street and Highway Revenue Bonds	30	-	-	1,500.0	1,500.0	6,667.0	6,666.0	5,167.0	-	20,000.0	-	20,000.0
Unfunded Requirements	100	-	-	-	-	6,720.0	17,433.0	3,715.0	7,939.0	35,807.0	66,562.0	102,369.0
TOTAL		26,399.7	11,733.0	41,559.0	53,292.0	39,108.0	33,899.0	18,299.0	16,978.0	161,576.0	76,562.0	264,537.7
Inflation Adjustment				-	-	1,143.0	1,947.5	1,553.5	1,894.0	6,538.0	10,519.0	17,057.0
Annual Operating Cost				-	-	14.0	14.0	14.0	14.0	56.0		

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: 22nd Street/Alvernon Intersection Improvement DESCRIPTION: Design and reconstruct the 22nd Street/Alvernon intersection by widening it for dual left turn lanes, right turn lanes, bus pull-outs, and state of the art traffic signal equipment.						WARD: 5, 6 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S14K <u>ESTIMATED PROJECT COST</u> DESIGN 142.1 RIGHT-OF-WAY 7.9 CONSTRUCTION 1,516.3 OTHER - INFLATION - PROJECT TOTAL 1,666.3		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 Street and Highway Revenue Bonds Series A	32	94.8	-	-	-	-	-	-	-	-	-	94.8
1994 Street and Highway Revenue Bonds Series D	35	71.5	-	-	-	-	-	-	-	-	-	71.5
2000 Street and Highway Revenue Bonds	30	-	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	1,500.0
TOTAL		166.3	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	1,666.3
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: 5th/6th Street Circulation Improvements DESCRIPTION: Design and construct pedestrian crossing and intersection improvements, as identified by the 5th/6th Street Livability Study, to provide greater pedestrian safety and more efficient traffic flow.						WARD: 6 START DATE: 7/97 END DATE: 6/03				PROJECT NUMBER: S102 <u>ESTIMATED PROJECT COST</u> DESIGN 268.5 RIGHT-OF-WAY - CONSTRUCTION 637.8 OTHER - INFLATION 2.0 PROJECT TOTAL 908.3		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	112.3	-	52.0	52.0	54.0	-	-	-	106.0	-	218.3
Federal Highway Administration Funds	91	429.0	-	-	-	-	-	-	-	-	-	429.0
1994 Street and Highway Revenue Bonds Series B	33	18.0	-	-	-	-	-	-	-	-	-	18.0
1994 Street and Highway Revenue Bonds Series D	35	10.3	-	-	-	-	-	-	-	-	-	10.3
1994 Street and Highway Revenue Bonds Series E	31	232.7	-	-	-	-	-	-	-	-	-	232.7
TOTAL		802.3	-	52.0	52.0	54.0	-	-	-	106.0	-	908.3
INFLATION ADJUSTMENT:						2.0	-	-	-	2.0	-	2.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Streets (4051)							WARD: 5 START DATE: 7/96 END DATE: 6/02				PROJECT NUMBER: S332		
PROJECT TITLE: 6th Avenue: 19th Street to I-10							ESTIMATED PROJECT COST						
DESCRIPTION: Design and reconstruct 6th Avenue from 19th Street to I-10 to match the improvements that exist in South Tucson, including decorative median paving, continuous left turn lanes, widened sidewalks, landscaping, and drainage improvements. This project will be partially funded through the Highway Extension Loan Program. The scope of this project was changed to exclude the segment from 18th Street to 19th Street to allow more neighborhood input on the type of intersection modification. Construction at the 18th Street and 6th Avenue intersection will be done as part of the Barraza-Aviation project, S30J.							DESIGN						

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Anklam Road Traffic Safety Improvements DESCRIPTION: Design and construct traffic safety improvements to Anklam Road, between Greasewood Road and Players Club, in response to proposed developments.						WARD: 1 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S215 <u>ESTIMATED PROJECT COST</u> DESIGN 15.0 RIGHT-OF-WAY - CONSTRUCTION 210.0 OTHER - INFLATION - PROJECT TOTAL 225.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	-	75.0	-	75.0	-	-	-	-	75.0	-	75.0
Capital Agreements Fund	13	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0
TOTAL		-	225.0	-	225.0	-	-	-	-	225.0	-	225.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Barraza-Aviation Parkway: 4th Avenue Underpass DESCRIPTION: Design and construct a new railroad underpass for automobile traffic at 4th Avenue adjacent to the existing underpass. The existing underpass will be renovated for pedestrian and bicycle traffic. Other project improvements will include sidewalks, lighting, storm drainage extending from 4th Avenue to Broadway Boulevard, public art, landscaped plazas, and two bicycle/pedestrian bridges. This project will be partially funded through the Arizona Department of Transportation's Highway Extension Loan Program.						WARD: 1, 6 START DATE: 7/96 END DATE: 6/03				PROJECT NUMBER: S30B <u>ESTIMATED PROJECT COST</u> DESIGN 1,048.2 RIGHT-OF-WAY 217.3 CONSTRUCTION 14,825.0 OTHER - INFLATION 175.0 PROJECT TOTAL 16,265.5		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund - Restricted	17	103.7	-	-	-	-	-	-	-	-	-	103.7
Pima Association of Governments	13H	1,061.8	100.0	-	100.0	-	-	-	-	100.0	-	1,161.8
Federal Highway Administration Funds	91	-	-	9,000.0	9,000.0	6,000.0	-	-	-	15,000.0	-	15,000.0
TOTAL		1,165.5	100.0	9,000.0	9,100.0	6,000.0	-	-	-	15,100.0	-	16,265.5
INFLATION ADJUSTMENT:						175.0	-	-	-	175.0	-	175.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051)						WARD: 5 START DATE: 7/99 END DATE: 6/03				PROJECT NUMBER: S30J		
PROJECT TITLE: Barraza-Aviation Parkway: 6th Avenue/18th Street Intersection Improvements										<u>ESTIMATED PROJECT COST</u>		
DESCRIPTION: Design and construct a new traffic signal at the intersection of 6th Avenue with 18th Street and Stone Avenue including geometric improvements. This project also includes the conversion of both Stone Avenue and 6th Avenue from 18th Street to Congress Street from one-way streets to two-way streets and limited parkway landscaping.										DESIGN		

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Streets (4051)							WARD: 1, 5, 6 START DATE: 7/98 END DATE: 6/06				PROJECT NUMBER: S30G		
PROJECT TITLE: Barraza-Aviation Parkway: Neighborhood Traffic Mitigation											<u>ESTIMATED PROJECT COST</u>		
DESCRIPTION: Design and construct traffic mitigation improvements for neighborhoods impacted by the Barraza-Aviation Parkway: Downtown Segment. This project will address the immediate concerns of the neighborhoods through additional studies and the implementation of short-term mitigation improvements. Scheduled improvements include construction of the Court/Meyers connection and median island landscaping in the El Presidio neighborhood and median island landscaping on Main Avenue, from Franklin Street to 6th Street.											DESIGN		

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051)						WARD: 1, 6 START DATE: 7/98 END DATE: 6/02				PROJECT NUMBER: S30F ESTIMATED PROJECT COST DESIGN		
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CAPITAL PROJECTS

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DEPARTMENT: Transportation - Streets (4051)						WARD: Citywide START DATE: 7/97 END DATE: 6/03				PROJECT NUMBER: S106 ESTIMATED PROJECT COST DESIGN 436.0 RIGHT-OF-WAY - CONSTRUCTION 1,352.9 OTHER 0.1 INFLATION 8.0 PROJECT TOTAL 1,797.0		
PROJECT TITLE: Bikeway Program - Locally Funded												
DESCRIPTION: Design and construct bikeway projects to promote safe bicycle travel ranging from widening existing roads to separated bike paths. Individual projects have been identified in the Pima Association of Governments' regional plan for bicycling with input from the Tucson-Pima Bicycle Advisory Committee. Funding levels provide for an average of three to five bikeway miles per year through Fiscal Year 2003.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	245.3	-	266.0	266.0	274.0	-	-	-	540.0	-	785.3
Highway User Revenue Fund - Restricted	17	856.2	-	-	-	-	-	-	-	-	-	856.2
1994 Street and Highway Revenue Bonds Series A	32	150.5	-	-	-	-	-	-	-	-	-	150.5
1994 Street and Highway Revenue Bonds Series B	33	5.0	-	-	-	-	-	-	-	-	-	5.0
TOTAL			-	266.0	266.0	274.0	-	-	-	540.0	-	1,797.0
INFLATION ADJUSTMENT:						8.0	-	-	-	8.0	-	8.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051)						WARD: 5, 6 START DATE: 7/96 END DATE: 6/02				PROJECT NUMBER: S30C ESTIMATED PROJECT COST DESIGN 178.2 RIGHT-OF-WAY 29.4 CONSTRUCTION 1,575.0 OTHER - INFLATION - PROJECT TOTAL 1,782.6		
PROJECT TITLE: Broadway Boulevard Bicycle and Pedestrian Bridge												
DESCRIPTION: Design and construct a bicycle and pedestrian bridge over Broadway Boulevard near the Barraza-Aviation Interchange to link multiple-use paths north and south of Broadway Boulevard.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund - Restricted	17	244.6	-	-	-	-	-	-	-	-	-	244.6
Federal Highway Administration Funds	91	-	-	1,538.0	1,538.0	-	-	-	-	1,538.0	-	1,538.0
TOTAL			-	1,538.0	1,538.0	-	-	-	-	1,538.0	-	1,782.6
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Broadway Boulevard Right-Turn/Transit Lane at El Con Mall DESCRIPTION: Design and construct a right-turn only/transit lane along Broadway Boulevard in front of El Con Mall. This project will also include any mitigation required along Dodge Boulevard, north of the mall. These improvements are being made in partnership with the El Con Mall developer.						WARD: 6 START DATE: 6/00 END DATE: 6/02				PROJECT NUMBER: S120 <u>ESTIMATED PROJECT COST</u> DESIGN 30.0 RIGHT-OF-WAY - CONSTRUCTION 270.0 OTHER - INFLATION - PROJECT TOTAL 300.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	10.0	190.0	-	190.0	-	-	-	-	190.0	-	200.0
Capital Agreements Fund	13	-	100.0	-	100.0	-	-	-	-	100.0	-	100.0
TOTAL		10.0	290.0	-	290.0	-	-	-	-	290.0	-	300.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Bus Pull-Outs, Shelters, Access, and Miscellaneous Improvements DESCRIPTION: Design and construct bus-related roadway improvements. Typical improvements will include construction of bus pull-outs at signalized intersections, installation of new shelters, and construction of new or improved access. As the bond program progresses, funds will be drawn-down from this project and allocated to specific projects.						WARD: Citywide START DATE: 7/02 END DATE: 6/05				PROJECT NUMBER: S240 <u>ESTIMATED PROJECT COST</u> DESIGN 78.0 RIGHT-OF-WAY - CONSTRUCTION 2,751.0 OTHER - INFLATION 171.0 PROJECT TOTAL 3,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Street and Highway Revenue Bonds Series A	30	-	-	-	-	1,000.0	1,000.0	1,000.0	-	3,000.0	-	3,000.0
TOTAL		-	-	-	-	1,000.0	1,000.0	1,000.0	-	3,000.0	-	3,000.0
INFLATION ADJUSTMENT:						29.0	57.0	85.0	-	171.0	-	171.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051)					WARD: 2 START DATE: 7/97 END DATE: 6/03					PROJECT NUMBER: S122 <u>ESTIMATED PROJECT COST</u> DESIGN 306.1 RIGHT-OF-WAY - CONSTRUCTION 3,901.9 OTHER - INFLATION 77.0 PROJECT TOTAL 4,285.0		
PROJECT TITLE: Camino Seco Boulevard: Wrightstown Road to Speedway Boulevard Improvement District DESCRIPTION: Design and construct improvements to Camino Seco Boulevard to include two lanes in each direction with a median island, sidewalks, curbing, storm drainage, landscaping, and bicycle lanes.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund - Restricted	17	334.0	-	-	-	-	-	-	-	-	-	334.0
Special Assessments Fund	16	67.0	428.0	-	428.0	-	-	-	-	428.0	-	495.0
1994 Street and Highway Revenue Bonds Series B	33	54.8	-	-	-	-	-	-	-	-	-	54.8
1994 Street and Highway Revenue Bonds Series D	35	16.0	-	-	-	-	-	-	-	-	-	16.0
1994 Street and Highway Revenue Bonds Series E	31	29.2	-	696.0	696.0	-	-	-	-	696.0	-	725.2
Unfunded Requirements	100	-	-	-	-	2,660.0	-	-	-	2,660.0	-	2,660.0
TOTAL		501.0	428.0	696.0	1,124.0	2,660.0	-	-	-	3,784.0	-	4,285.0
INFLATION ADJUSTMENT:						77.0	-	-	-	77.0	-	77.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051)					WARD: 1 START DATE: 7/98 END DATE: 6/03					PROJECT NUMBER: S219 <u>ESTIMATED PROJECT COST</u> DESIGN 0.8 RIGHT-OF-WAY - CONSTRUCTION 150.6 OTHER 0.0 INFLATION 1.0 PROJECT TOTAL 152.4		
PROJECT TITLE: Downtown Comprehensive Signage DESCRIPTION: Fabricate and erect signs based on the design guidelines in the Downtown Signage Manual. This project includes signs directing pedestrians and motorists to functional, historic, and natural features in the downtown area.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	89.4	-	31.0	31.0	32.0	-	-	-	63.0	-	152.4
TOTAL		89.4	-	31.0	31.0	32.0	-	-	-	63.0	-	152.4
INFLATION ADJUSTMENT:						1.0	-	-	-	1.0	-	1.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Streets (4051)						WARD: 1, 6 START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: S101 <u>ESTIMATED PROJECT COST</u> DESIGN 800.0 RIGHT-OF-WAY - CONSTRUCTION 17,315.5 OTHER - INFLATION 2,084.5 PROJECT TOTAL 20,200.0		
PROJECT TITLE: Downtown Pedestrian Improvements DESCRIPTION: The Downtown Pedestrian Implementation Plan is intended to meet a number of recommended actions established in the 1994 City Center Vision and Strategic Plan for revitalizing downtown. Improvements funded under this project will include improvements to the Scott Avenue pedestrian area and Pennington Street. Other priority projects (Church Avenue Crossing, 10th Avenue Plaza, and east Congress Street improvements) have been completed or are being constructed and funded under other capital projects. Pima Association of Governments funds are contingent upon their approval.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	-	-	100.0	100.0	100.0	-	-	-	200.0	-	200.0
Pima Association of Governments	13H	-	-	-	-	2,500.0	2,500.0	2,500.0	2,500.0	10,000.0	10,000.0	20,000.0
TOTAL			-	-	100.0	2,600.0	2,500.0	2,500.0	2,500.0	10,200.0	10,000.0	20,200.0
INFLATION ADJUSTMENT:						76.0	143.5	212.0	279.0	710.5	1,374.0	2,084.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051)						WARD: 1, 3 START DATE: 7/97 END DATE: 6/02				PROJECT NUMBER: S128 <u>ESTIMATED PROJECT COST</u> DESIGN 67.0 RIGHT-OF-WAY 65.9 CONSTRUCTION 448.8 OTHER - INFLATION - PROJECT TOTAL 581.7		
PROJECT TITLE: Flowing Wells Road Sidewalk Improvement District DESCRIPTION: Design and construct sidewalks along both sides of Flowing Wells Road from Miracle Mile to Roger Road.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	130.9	125.0	-	125.0	-	-	-	-	125.0	-	255.9
Highway User Revenue Fund - Restricted	17	66.6	-	-	-	-	-	-	-	-	-	66.6
Special Assessments Fund	16	99.2	-	-	-	-	-	-	-	-	-	99.2
1994 Street and Highway Revenue Bonds Series D	35	160.0	-	-	-	-	-	-	-	-	-	160.0
TOTAL			456.7	125.0	125.0	-	-	-	-	125.0	-	581.7
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Grant Road and Campbell Avenue Grade-Separated Intersection DESCRIPTION: Design and construct, in two phases, a grade-separated intersection at Grant Road and Campbell Avenue. The first phase, Campbell Avenue from Elm Street to Grant Road, includes the acquisition of right-of-way and construction of a landscaped buffer on the west side of the roadway and the widening of Campbell Avenue to a six-lane divided roadway with a median island, sidewalks, curbing, and street lighting. Pima Association of Governments funds for the first phase are contingent upon their approval. The second phase, construction of the grade-separated intersection at Grant Road and Campbell Avenue, will allow for an uninterrupted traffic flow along Campbell Avenue. This second phase is unfunded.						WARD: 3, 6 START DATE: 7/98 END DATE: 6/04				PROJECT NUMBER: S137 <u>ESTIMATED PROJECT COST</u> DESIGN 367.2 RIGHT-OF-WAY 2,809.3 CONSTRUCTION 20,048.0 OTHER - INFLATION 919.0 PROJECT TOTAL 24,143.5		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima Association of Governments	13H	1,343.5	1,800.0	4,000.0	5,800.0	-	-	-	-	5,800.0	-	7,143.5
Unfunded Requirements	100	-	-	-	-	2,000.0	15,000.0	-	-	17,000.0	-	17,000.0
TOTAL		1,343.5	1,800.0	4,000.0	5,800.0	2,000.0	15,000.0	-	-	22,800.0	-	24,143.5
INFLATION ADJUSTMENT:						58.0	861.0	-	-	919.0	-	919.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Harrison Road: Golf Links Road to Old Spanish Trail Improvement District DESCRIPTION: Design and construct a four-lane divided arterial roadway, including storm drain, street lighting, sidewalk, traffic signal, and landscaping improvements.						WARD: 2, 4 START DATE: 7/98 END DATE: 6/02				PROJECT NUMBER: S019 <u>ESTIMATED PROJECT COST</u> DESIGN 95.1 RIGHT-OF-WAY - CONSTRUCTION 4,905.1 OTHER 0.0 INFLATION - PROJECT TOTAL 5,000.2		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Special Assessments Fund	16	350.0	-	-	-	-	-	-	-	-	-	350.0
1994 Street and Highway Revenue Bonds Series B	33	10.0	-	-	-	-	-	-	-	-	-	10.0
1994 Street and Highway Revenue Bonds Series D	35	57.1	-	-	-	-	-	-	-	-	-	57.1
1994 Street and Highway Revenue Bonds Series E	31	1,083.1	2,000.0	1,500.0	3,500.0	-	-	-	-	3,500.0	-	4,583.1
TOTAL		1,500.2	2,000.0	1,500.0	3,500.0	-	-	-	-	3,500.0	-	5,000.2
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Streets (4051)										WARD: 5, 6 START DATE: 3/99 END DATE: 6/02		PROJECT NUMBER: S149
PROJECT TITLE: Highland Avenue Bicycle and Pedestrian Improvements										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct streetscape improvements along Highland Avenue, from 6th Street to the Barraza-Aviation Parkway, including sidewalk, bicycle lane, landscaping, and street light improvements.										DESIGN 158.0 RIGHT-OF-WAY - CONSTRUCTION 1,253.0 OTHER - INFLATION - PROJECT TOTAL 1,411.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	66.0	239.0	153.0	392.0	-	-	-	-	392.0	-	458.0
Federal Highway Administration Funds	91	-	-	940.0	940.0	-	-	-	-	940.0	-	940.0
1984 Street and Highway Revenue Bonds	29	13.0	-	-	-	-	-	-	-	-	-	13.0
TOTAL		79.0	239.0	1,093.0	1,332.0	-	-	-	-	1,332.0	-	1,411.0
INFLATION ADJUSTMENT: -												
ANNUAL OPERATING COST: -												

DEPARTMENT: Transportation - Streets (4051)										WARD: 2, 4 START DATE: 7/99 END DATE: 6/02		PROJECT NUMBER: S029
PROJECT TITLE: Houghton Road Corridor Study										ESTIMATED PROJECT COST		
DESCRIPTION: Conduct a corridor study of Houghton Road, from Tanque Verde Road to I-10, to determine alignment, preliminary construction estimates, right-of-way requirements, and traffic capacity needs for the upcoming Pima County bond project (Tanque Verde Road to Golf Links Road) and possible future improvements (Golf Links Road to I-10).										DESIGN 500.0 RIGHT-OF-WAY - CONSTRUCTION - OTHER - INFLATION - PROJECT TOTAL 500.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima Association of Governments	13H	100.0	400.0	-	400.0	-	-	-	-	400.0	-	500.0
TOTAL		100.0	400.0	-	400.0	-	-	-	-	400.0	-	500.0
INFLATION ADJUSTMENT: -												
ANNUAL OPERATING COST: -												

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Intersection Operational Improvements DESCRIPTION: Design and construct intersection improvements, including reconstruction of signalized intersections, construction of right turn lanes, and installation of state-of-the-art equipment at existing intersections. As the bond program progresses, funds will be drawn-down from this project and allocated to specific projects.						WARD: Citywide START DATE: 7/02 END DATE: 6/05				PROJECT NUMBER: S210 <u>ESTIMATED PROJECT COST</u> DESIGN 1,545.5 RIGHT-OF-WAY - CONSTRUCTION 11,224.5 OTHER - INFLATION 730.0 PROJECT TOTAL 13,500.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Street and Highway Revenue Bonds Series A	30	-	-	-	-	5,000.0	5,000.0	3,500.0	-	13,500.0	-	13,500.0
TOTAL		-	-	-	-	5,000.0	5,000.0	3,500.0	-	13,500.0	-	13,500.0
INFLATION ADJUSTMENT:						146.0	287.0	297.0	-	730.0	-	730.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Kino Boulevard Pedestrian Overpass DESCRIPTION: Design and construct a grade-separated pedestrian crossing over Kino Boulevard, between 29th Street and 36th Street, to facilitate access to the Quincie Douglas Center. The Federal Highway Administration funds are contingent upon allocation by the Pima Association of Governments.						WARD: 5 START DATE: 1/00 END DATE: 6/03				PROJECT NUMBER: S023 <u>ESTIMATED PROJECT COST</u> DESIGN 153.0 RIGHT-OF-WAY - CONSTRUCTION 793.0 OTHER - INFLATION 14.0 PROJECT TOTAL 960.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	5.0	-	24.0	24.0	30.0	-	-	-	54.0	-	59.0
Federal Highway Administration Funds	91	-	-	376.0	376.0	430.0	-	-	-	806.0	-	806.0
1994 Street and Highway Revenue Bonds Series E	31	95.0	-	-	-	-	-	-	-	-	-	95.0
TOTAL		100.0	-	400.0	400.0	460.0	-	-	-	860.0	-	960.0
INFLATION ADJUSTMENT:						14.0	-	-	-	14.0	-	14.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Land Acquisition: Ongoing Projects DESCRIPTION: Acquire parcels under the Mayor and Council's advance land acquisition program. Pima Association of Governments funding is dedicated to purchases along Broadway Boulevard in anticipation of Pima County's bond projects.						WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: S107 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY 5,577.0 CONSTRUCTION - OTHER - INFLATION 273.0 PROJECT TOTAL 5,850.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	-	-	200.0	200.0	100.0	-	-	-	300.0	-	300.0
Pima Association of Governments	13H	-	-	1,750.0	1,750.0	950.0	950.0	950.0	950.0	5,550.0	-	5,550.0
TOTAL		-	-	1,950.0	1,950.0	1,050.0	950.0	950.0	950.0	5,850.0	-	5,850.0
INFLATION ADJUSTMENT:						31.0	55.0	81.0	106.0	273.0	-	273.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Material/Equipment Site Development DESCRIPTION: Design and construct material and equipment storage sites to reduce potential contamination of stormwater run-off and provide a savings resulting from reduced travel. These facilities will be coordinated with other departments that have similar needs and will be constructed in a manner acceptable to adjacent neighborhoods.						WARD: Citywide START DATE: 7/98 END DATE: 6/02				PROJECT NUMBER: S138 ESTIMATED PROJECT COST DESIGN 6.9 RIGHT-OF-WAY - CONSTRUCTION 150.0 OTHER - INFLATION - PROJECT TOTAL 156.9		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	56.9	-	100.0	100.0	-	-	-	-	100.0	-	156.9
TOTAL		56.9	-	100.0	100.0	-	-	-	-	100.0	-	156.9
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Miscellaneous Improvement Districts and Developer-Funded Projects DESCRIPTION: Design and construct miscellaneous local improvement districts petitioned by residents or improvements funded by developers.						WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: S103 <u>ESTIMATED PROJECT COST</u> DESIGN 44.0 RIGHT-OF-WAY - CONSTRUCTION 1,096.5 OTHER - INFLATION 59.5 PROJECT TOTAL 1,200.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	-	-	100.0	100.0	100.0	-	-	-	200.0	-	200.0
Special Assessments Fund	16	-	-	200.0	200.0	200.0	200.0	200.0	200.0	1,000.0	-	1,000.0
TOTAL		-	-	300.0	300.0	300.0	200.0	200.0	200.0	1,200.0	-	1,200.0
INFLATION ADJUSTMENT:						9.0	11.5	17.0	22.0	59.5	-	59.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Miscellaneous On-Call Street and Spot Improvements DESCRIPTION: Design and construct minor street and spot improvements throughout the city; locations will be identified in the year of construction. Typical improvements include manhole reconstructions, railroad grade crossing modifications, and curb reconstructions.						WARD: Citywide START DATE: 7/97 END DATE: 6/04				PROJECT NUMBER: S100 <u>ESTIMATED PROJECT COST</u> DESIGN 572.1 RIGHT-OF-WAY 80.3 CONSTRUCTION 2,892.0 OTHER - INFLATION 30.0 PROJECT TOTAL 3,574.4		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	527.5	-	496.0	496.0	472.0	282.0	-	-	1,250.0	-	1,777.5
Highway User Revenue Fund - Restricted	17	1,796.9	-	-	-	-	-	-	-	-	-	1,796.9
TOTAL		2,324.4	-	496.0	496.0	472.0	282.0	-	-	1,250.0	-	3,574.4
INFLATION ADJUSTMENT:						14.0	16.0	-	-	30.0	-	30.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051)						WARD: Citywide START DATE: 7/97 END DATE: 6/05				PROJECT NUMBER: S105 ESTIMATED PROJECT COST DESIGN		
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CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Overlay Projects - Federally Funded DESCRIPTION: Road construction, such as pavement milling, asphalt overlays, and crack sealing, at various locations throughout the city. The work also consists of utility adjustments, pavement marking, and curb access ramp installations.						WARD: Citywide START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S228 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION 528.0 OTHER - INFLATION - PROJECT TOTAL 528.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	-	28.0	-	28.0	-	-	-	-	28.0	-	28.0
Federal Highway Administration Funds	91	500.0	-	-	-	-	-	-	-	-	-	500.0
TOTAL		500.0	28.0	-	28.0	-	-	-	-	28.0	-	528.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Pantano Road: Golf Links Road to Escalante Road Improvement District DESCRIPTION: Design and construct a four-lane divided roadway, including curb, sidewalk, storm drain, median landscaping, street lighting, striped bike lane, and traffic signal improvements.						WARD: 4 START DATE: 7/97 END DATE: 6/02				PROJECT NUMBER: S157 <u>ESTIMATED PROJECT COST</u> DESIGN 399.0 RIGHT-OF-WAY - CONSTRUCTION 4,619.9 OTHER 0.0 INFLATION - PROJECT TOTAL 5,018.9		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Special Assessments Fund	16	400.0	-	-	-	-	-	-	-	-	-	400.0
1994 Street and Highway Revenue Bonds Series B	33	4.8	-	-	-	-	-	-	-	-	-	4.8
1994 Street and Highway Revenue Bonds Series D	35	397.3	-	-	-	-	-	-	-	-	-	397.3
1994 Street and Highway Revenue Bonds Series E	31	2,716.8	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	4,216.8
TOTAL		3,518.9	-	1,500.0	1,500.0	-	-	-	-	1,500.0	-	5,018.9
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Pedestrian Crossing at Escalante Road and Atterbury Wash DESCRIPTION: Design and construct an all-weather school crossing of the Atterbury Wash at Escalante Road.						WARD: 4 START DATE: 7/03 END DATE: 6/04				PROJECT NUMBER: S037 <u>ESTIMATED PROJECT COST</u> DESIGN 50.0 RIGHT-OF-WAY - CONSTRUCTION 243.0 OTHER - INFLATION 18.0 PROJECT TOTAL 311.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	311.0	-	-	311.0	-	311.0
TOTAL		-	-	-	-	-	311.0	-	-	311.0	-	311.0
INFLATION ADJUSTMENT:						-	18.0	-	-	18.0	-	18.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Pedestrian Improvements DESCRIPTION: Design and construct pedestrian-related improvements. Typical improvements include construction of curb access ramps, installation of missing sidewalk segments, and reconstruction of damaged sidewalks. As the bond program progresses, funds will be drawn-down from this project and allocated to specific projects.						WARD: Citywide START DATE: 7/02 END DATE: 6/05				PROJECT NUMBER: S230 <u>ESTIMATED PROJECT COST</u> DESIGN 204.0 RIGHT-OF-WAY - CONSTRUCTION 1,682.0 OTHER - INFLATION 114.0 PROJECT TOTAL 2,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Street and Highway Revenue Bonds Series A	30	-	-	-	-	667.0	666.0	667.0	-	2,000.0	-	2,000.0
TOTAL		-	-	-	-	667.0	666.0	667.0	-	2,000.0	-	2,000.0
INFLATION ADJUSTMENT:						19.0	38.0	57.0	-	114.0	-	114.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Pima Street: Swan Road to Craycroft Boulevard Improvement District DESCRIPTION: Design and construct one mile of collector roadway including storm drains, street lighting, landscaping, traffic signals, and water system modifications.						WARD: 6 START DATE: 7/85 END DATE: 6/02				PROJECT NUMBER: S153 <u>ESTIMATED PROJECT COST</u> DESIGN 866.2 RIGHT-OF-WAY 87.8 CONSTRUCTION 4,747.8 OTHER - INFLATION - PROJECT TOTAL 5,701.8		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund - Restricted	17	116.8	-	-	-	-	-	-	-	-	-	116.8
Special Assessments Fund	16	195.8	-	436.0	436.0	-	-	-	-	436.0	-	631.8
1994 Street and Highway Revenue Bonds Series A	32	51.8	-	-	-	-	-	-	-	-	-	51.8
1994 Street and Highway Revenue Bonds Series D	35	357.9	-	-	-	-	-	-	-	-	-	357.9
1994 Street and Highway Revenue Bonds Series E	31	1,543.5	3,000.0	-	3,000.0	-	-	-	-	3,000.0	-	4,543.5
TOTAL		2,265.8	3,000.0	436.0	3,436.0	-	-	-	-	3,436.0	-	5,701.8
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Resurfacing, Restoration, and Rehabilitation Program - Federally Funded DESCRIPTION: Resurface, restore, and rehabilitate pavements on eligible streets to maintain safe roadway surfaces and structural integrity. Funding levels provide for an average of 18 street miles per year. The Federal Highway Administration funds are contingent upon allocation by the Pima Association of Governments.						WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: S108 <u>ESTIMATED PROJECT COST</u> DESIGN 407.0 RIGHT-OF-WAY - CONSTRUCTION 12,799.0 OTHER - INFLATION 794.0 PROJECT TOTAL 14,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	-	-	400.0	400.0	400.0	400.0	400.0	400.0	2,000.0	-	2,000.0
Federal Highway Administration Funds	91	-	-	2,400.0	2,400.0	2,400.0	2,400.0	2,400.0	2,400.0	12,000.0	-	12,000.0
TOTAL		-	-	2,800.0	2,800.0	2,800.0	2,800.0	2,800.0	2,800.0	14,000.0	-	14,000.0
INFLATION ADJUSTMENT:						82.0	161.0	238.0	313.0	794.0	-	794.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Resurfacing, Restoration, and Rehabilitation Program - Locally Funded DESCRIPTION: Resurface, restore, and rehabilitate pavements on arterial and collector streets to maintain safe roadway surfaces and structural integrity.						WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: S110 <u>ESTIMATED PROJECT COST</u> DESIGN 3,289.0 RIGHT-OF-WAY - CONSTRUCTION 31,829.0 OTHER - INFLATION 4,158.0 PROJECT TOTAL 39,276.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	-	200.0	1,176.0	1,376.0	964.0	-	-	-	2,340.0	-	2,340.0
Pima Association of Governments	13H	-	1,100.0	-	1,100.0	-	-	-	-	1,100.0	-	1,100.0
Unfunded Requirements	100	-	-	-	-	2,060.0	2,122.0	3,715.0	7,939.0	15,836.0	20,000.0	35,836.0
TOTAL		-	1,300.0	1,176.0	2,476.0	3,024.0	2,122.0	3,715.0	7,939.0	19,276.0	20,000.0	39,276.0
INFLATION ADJUSTMENT:						88.0	122.0	315.0	885.0	1,410.0	2,748.0	4,158.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Roadway Beautification and Landscape Maintenance DESCRIPTION: Design and reconstruct shoulder and median landscaping on existing roadways with plants that are low maintenance and drought tolerant. Funding will provide improvements to approximately three miles of roadway per year through Fiscal Year 2003.						WARD: Citywide START DATE: 7/95 END DATE: 6/03				PROJECT NUMBER: S221 <u>ESTIMATED PROJECT COST</u> DESIGN 114.5 RIGHT-OF-WAY - CONSTRUCTION 736.7 OTHER - INFLATION 6.0 PROJECT TOTAL 857.2		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	407.2	50.0	200.0	250.0	200.0	-	-	-	450.0	-	857.2
TOTAL		407.2	50.0	200.0	250.0	200.0	-	-	-	450.0	-	857.2
INFLATION ADJUSTMENT:						6.0	-	-	-	6.0	-	6.0
ANNUAL OPERATING COST:						-	-	-	-	96.0	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Transportation - Streets (4051)							WARD: 1, 6				PROJECT NUMBER: S155		
PROJECT TITLE: South Yard Drill Track Improvements							START DATE: 12/99				<u>ESTIMATED PROJECT COST</u> DESIGN		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Streets (4051)							WARD: 1, 3, 6 START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: S216 ESTIMATED PROJECT COST DESIGN 250.0 RIGHT-OF-WAY - CONSTRUCTION - OTHER - INFLATION - PROJECT TOTAL 250.0		
PROJECT TITLE: Stone Avenue Corridor Study - Phase II Design Concept Report													
DESCRIPTION: Perform engineering design services for a design concept report for Stone Avenue/6th Street to Wetmore Road, integrating the recommendations of the adopted Stone Avenue Corridor Study. Pima Association of Governments funds are contingent upon their allocation.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Pima Association of Governments	13H	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0	
TOTAL			-	-	250.0	-	-	-	-	250.0	-	250.0	
INFLATION ADJUSTMENT:							-						
ANNUAL OPERATING COST:							-						

DEPARTMENT: Transportation - Streets (4051)							WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: S217 ESTIMATED PROJECT COST DESIGN 141.0 RIGHT-OF-WAY - CONSTRUCTION 2,358.0 OTHER - INFLATION 151.0 PROJECT TOTAL 2,650.0		
PROJECT TITLE: Transportation Enhancements													
DESCRIPTION: Budget capacity to design and construct transportation enhancement funding that may be awarded by the Arizona Department of Transportation (ADOT).													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Highway User Revenue Fund	15	-	-	30.0	30.0	30.0	30.0	30.0	30.0	150.0	-	150.0	
Arizona Department of Transportation	13A	-	-	500.0	500.0	500.0	500.0	500.0	500.0	2,500.0	-	2,500.0	
TOTAL			-	-	530.0	530.0	530.0	530.0	530.0	2,650.0	-	2,650.0	
INFLATION ADJUSTMENT:							16.0 31.0 45.0 59.0 151.0						
ANNUAL OPERATING COST:							- - - - -						

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Tyndall Avenue Multi-Modal Corridor: University Boulevard to Sixth Street DESCRIPTION: Design and construct roadway and roadside improvements in conjunction with the University of Arizona's ongoing infrastructure improvements. Improvements will include sidewalks, landscaping, lighting, and bike lanes.						WARD: 6 START DATE: 7/01 END DATE: 6/03				PROJECT NUMBER: S158 ESTIMATED PROJECT COST DESIGN 50.0 RIGHT-OF-WAY - CONSTRUCTION 506.0 OTHER - INFLATION 14.0 PROJECT TOTAL 570.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
University of Arizona Contributions	13U	-	50.0	50.0	100.0	-	-	-	-	100.0	-	100.0
Federal Highway Administration Funds	91	-	-	-	-	470.0	-	-	-	470.0	-	470.0
TOTAL		-	50.0	50.0	100.0	470.0	-	-	-	570.0	-	570.0
INFLATION ADJUSTMENT:						14.0	-	-	-	14.0	-	14.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Streets (4051) PROJECT TITLE: Undergrounding of Tucson Electric Power Lines DESCRIPTION: Undergrounding of Tucson Electric Power overhead power lines, funded from the 1/4% increase in the utility's franchise fee.						WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: S227 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION 1,975.0 OTHER - INFLATION 125.0 PROJECT TOTAL 2,100.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	-	-	400.0	400.0	400.0	400.0	400.0	500.0	2,100.0	-	2,100.0
TOTAL		-	-	400.0	400.0	400.0	400.0	400.0	500.0	2,100.0	-	2,100.0
INFLATION ADJUSTMENT:						12.0	23.0	34.0	56.0	125.0	-	125.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Transportation - Streets (4051)						WARD: 3				PROJECT NUMBER: S249		
PROJECT TITLE: Wetmore Road: Fairview Road to Oracle Road Improvement District						START DATE: 7/95				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a five-lane roadway, including curb, sidewalk, storm drain, street lighting, parkway landscaping, striped bicycle lanes, and traffic signal improvements.						END DATE: 6/02				DESIGN 48.4 RIGHT-OF-WAY 134.9 CONSTRUCTION 1,244.7 OTHER 0.1 INFLATION - PROJECT TOTAL 1,428.1		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Special Assessments Fund	16	-	-	50.0	50.0	-	-	-	-	50.0	-	50.0
1994 Street and Highway Revenue Bonds Series A	32	44.7	-	-	-	-	-	-	-	-	-	44.7
1994 Street and Highway Revenue Bonds Series B	33	35.6	-	-	-	-	-	-	-	-	-	35.6
1994 Street and Highway Revenue Bonds Series D	35	164.0	-	-	-	-	-	-	-	-	-	164.0
1994 Street and Highway Revenue Bonds Series E	31	133.8	750.0	250.0	1,000.0	-	-	-	-	1,000.0	-	1,133.8
TOTAL		378.1	750.0	300.0	1,050.0	-	-	-	-	1,050.0	-	1,428.1
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENTAL CAPITAL IMPROVEMENT PROGRAM STATEMENT

FY 2002 THROUGH FY 2006

DEPARTMENT: Transportation

FIVE-YEAR TOTAL: \$ 40,106,700

PROGRAM AREA: Drainage

The Drainage program emphasizes the protection of neighborhoods and naturally vegetated watercourses that were developed prior to current flood control regulations. With the Tucson Stormwater Management Study (TSMS) Master Plan completed, implementation of the comprehensive Stormwater Management Program has begun via the May 2000 bond program. In addition to 17 prioritized Capital Improvement Projects, the Comprehensive Stormwater Management Plan included preservation of naturally vegetated watercourses, Federal Emergency Management Agency floodplain remapping, flood hazard studies, and stormwater quality investigations. Funding constraints limit the ability to program the necessary elements in a comprehensive fashion.

The funded portion of the five-year Drainage program, approximately 83%, totals \$33.3 million. This funding comes almost exclusively from local bonds approved in the 1994 and 2000 bond elections. Unfunded projects in the five-year program total \$6.8 million or 17% of the total.



Construction of the 29th Street/Kino Boulevard Detention Basin includes recreational elements that expand use of the Quincie Douglas Center.

Transportation
DEPARTMENT

Drainage
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
29th Street/Kino Boulevard Detention Basin	B - 156	2,783.9	1,048.7	-	1,048.7	-	-	-	-	1,048.7	-	3,832.6
1994 General Obligation Bonds Series A		1.9	-	-	-	-	-	-	-	-	-	1.9
1994 General Obligation Bonds Series B		331.7	-	-	-	-	-	-	-	-	-	331.7
1994 General Obligation Bonds Series E		1,350.3	948.7	-	948.7	-	-	-	-	948.7	-	2,299.0
2000 General Obligation Bonds		1,100.0	100.0	-	100.0	-	-	-	-	100.0	-	1,200.0
Alamo Wash Drainage Improvements	B - 156	-	-	-	-	-	-	2,500.0	-	2,500.0	-	2,500.0
2000 General Obligation Bonds		-	-	-	-	-	-	2,500.0	-	2,500.0	-	2,500.0
Arroyo Chico Drainage Improvements	B - 157	-	-	1,000.0	1,000.0	-	1,250.0	-	-	2,250.0	-	2,250.0
2000 General Obligation Bonds		-	-	1,000.0	1,000.0	-	1,250.0	-	-	2,250.0	-	2,250.0
Citation Wash: 22nd Street to Alvernon Way Drainage Improvement	B - 157	-	-	550.0	550.0	-	-	-	-	550.0	-	550.0
2000 General Obligation Bonds		-	-	550.0	550.0	-	-	-	-	550.0	-	550.0
Columbus Wash Drainage Relief - Phase II	B - 158	-	-	1,000.0	1,000.0	4,000.0	5,000.0	-	-	10,000.0	-	10,000.0
2000 General Obligation Bonds		-	-	1,000.0	1,000.0	4,000.0	5,000.0	-	-	10,000.0	-	10,000.0
El Vado Wash: Missiondale Road to 12th Avenue Drainage Improvement	B - 158	-	750.0	2,000.0	2,750.0	-	-	-	-	2,750.0	-	2,750.0
2000 General Obligation Bonds		-	750.0	2,000.0	2,750.0	-	-	-	-	2,750.0	-	2,750.0
Flood Hazard Studies	B - 159	-	-	-	-	200.0	200.0	200.0	200.0	800.0	348.0	1,148.0
Unfunded Requirements		-	-	-	-	200.0	200.0	200.0	200.0	800.0	348.0	1,148.0
Limberlost Drainage Relief Improvements	B - 159	525.0	975.0	-	975.0	-	-	-	-	975.0	-	1,500.0
2000 General Obligation Bonds		525.0	975.0	-	975.0	-	-	-	-	975.0	-	1,500.0
Miscellaneous Drainage Improvement Program	B - 160	-	-	600.0	600.0	1,500.0	1,500.0	1,500.0	-	5,100.0	-	5,100.0
2000 General Obligation Bonds		-	-	600.0	600.0	1,500.0	1,500.0	1,500.0	-	5,100.0	-	5,100.0
Mission View Wash Detention/Retention Facility	B - 160	-	-	-	-	-	1,400.0	-	-	1,400.0	-	1,400.0
2000 General Obligation Bonds		-	-	-	-	-	1,400.0	-	-	1,400.0	-	1,400.0
Mountain Avenue Storm Drainage Improvements	B - 161	2,525.0	1,475.0	2,000.0	3,475.0	-	-	-	-	3,475.0	-	6,000.0
2000 General Obligation Bonds		2,525.0	1,475.0	2,000.0	3,475.0	-	-	-	-	3,475.0	-	6,000.0

Transportation
DEPARTMENT

Drainage
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Multiple Benefits Water Projects	B - 161	-	-	550.0	550.0	358.0	-	-	-	908.0	-	908.0
Capital Agreements Fund		-	-	350.0	350.0	358.0	-	-	-	708.0	-	708.0
1994 General Obligation Bonds Series E		-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Palo Verde Road: Glenn Street to Grant Road	B - 162	-	750.0	-	750.0	-	-	-	-	750.0	-	750.0
Drainage Improvements												
2000 General Obligation Bonds		-	750.0	-	750.0	-	-	-	-	750.0	-	750.0
Park Avenue Detention Basin	B - 162	698.8	800.0	-	800.0	-	-	-	-	800.0	-	1,498.8
1994 General Obligation Bonds Series A		53.7	-	-	-	-	-	-	-	-	-	53.7
1994 General Obligation Bonds Series B		628.7	-	-	-	-	-	-	-	-	-	628.7
1994 General Obligation Bonds Series E		16.4	800.0	-	800.0	-	-	-	-	800.0	-	816.4
Stormwater Quality Program	B - 163	200.0	-	200.0	200.0	200.0	200.0	200.0	-	800.0	-	1,000.0
2000 General Obligation Bonds		200.0	-	200.0	200.0	200.0	200.0	200.0	-	800.0	-	1,000.0
Wilson Wash Drainage Improvements	B - 163	-	-	-	-	-	-	6,000.0	-	6,000.0	-	6,000.0
Unfunded Requirements		-	-	-	-	-	-	6,000.0	-	6,000.0	-	6,000.0
TOTAL		6,732.7	5,798.7	7,900.0	13,698.7	6,258.0	9,550.0	10,400.0	200.0	40,106.7	348.0	47,187.4
Source of Funds	Fund No.											
Capital Agreements Fund	13	-	-	350.0	350.0	358.0	-	-	-	708.0	-	708.0
Federal Highway Administration Funds	91	-	-	-	-	-	-	-	-	-	-	-
1994 General Obligation Bonds Series A	36	55.6	-	-	-	-	-	-	-	-	-	55.6
1994 General Obligation Bonds Series B	37	960.4	-	-	-	-	-	-	-	-	-	960.4
1994 General Obligation Bonds Series E	44	1,366.7	1,748.7	200.0	1,948.7	-	-	-	-	1,948.7	-	3,315.4
2000 General Obligation Bonds	40	4,350.0	4,050.0	7,350.0	11,400.0	5,700.0	9,350.0	4,200.0	-	30,650.0	-	35,000.0
Unfunded Requirements	100	-	-	-	-	200.0	200.0	6,200.0	200.0	6,800.0	348.0	7,148.0
TOTAL		6,732.7	5,798.7	7,900.0	13,698.7	6,258.0	9,550.0	10,400.0	200.0	40,106.7	348.0	47,187.4
Inflation Adjustment				-	-	182.5	548.0	882.0	22.0	1,634.5	48.0	1,682.5
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Drainage (4052)							WARD: 5 START DATE: 7/97 END DATE: 6/02				PROJECT NUMBER: S43I <u>ESTIMATED PROJECT COST</u> DESIGN		
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CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Drainage (4052)										WARD: 6 START DATE: 7/01 END DATE: 6/04		PROJECT NUMBER: S040
PROJECT TITLE: Arroyo Chico Drainage Improvements										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct drainage capacity improvements on Timrod Street between Alvernon Way and Columbus Boulevard (Fiscal Year 2002), and along Columbus Boulevard and Rosemont Avenue (Fiscal Year 2004). These projects were identified in the Tucson Stormwater Management Study as high priorities.										DESIGN 192.0 RIGHT-OF-WAY - CONSTRUCTION 1,986.0 OTHER - INFLATION 72.0 PROJECT TOTAL 2,250.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	1,000.0	1,000.0	-	1,250.0	-	-	2,250.0	-	2,250.0
TOTAL		-	-	1,000.0	1,000.0	-	1,250.0	-	-	2,250.0	-	2,250.0
INFLATION ADJUSTMENT:						-	72.0	-	-	72.0	-	72.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Drainage (4052)										WARD: 5 START DATE: 7/01 END DATE: 6/02		PROJECT NUMBER: S039
PROJECT TITLE: Citation Wash: 22nd Street to Alvernon Way Drainage Improvement										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct an enlarged earthen channel section with vegetated banks from 22nd Street to Alvernon Way. This project was identified in the Tucson Stormwater Management Study as a high priority.										DESIGN 46.0 RIGHT-OF-WAY - CONSTRUCTION 504.0 OTHER - INFLATION - PROJECT TOTAL 550.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	550.0	550.0	-	-	-	-	550.0	-	550.0
TOTAL		-	-	550.0	550.0	-	-	-	-	550.0	-	550.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: Columbus Wash Drainage Relief - Phase II DESCRIPTION: Design and construct the second and final phase of the Columbus Wash project, which includes the extension of the storm drain system upstream along the possible alignment of Belvedere Road to south of Speedway Boulevard. When the project is completed, the floodplain map will be revised and numerous properties will no longer be within the floodplain boundaries.						WARD: 6 START DATE: 7/01 END DATE: 6/04				PROJECT NUMBER: S407 <u>ESTIMATED PROJECT COST</u> DESIGN 822.0 RIGHT-OF-WAY 546.0 CONSTRUCTION 8,228.5 OTHER - INFLATION 403.5 PROJECT TOTAL 10,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	1,000.0	1,000.0	4,000.0	5,000.0	-	-	10,000.0	-	10,000.0
TOTAL		-	-	1,000.0	1,000.0	4,000.0	5,000.0	-	-	10,000.0	-	10,000.0
INFLATION ADJUSTMENT:						116.5	287.0	-	-	403.5	-	403.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: El Vado Wash: Missiondale Road to 12th Avenue Drainage Improvement DESCRIPTION: Design and construct an enlarged channel section from Missiondale Road to 12th Avenue. This project has been combined with the Los Reales and 6th Avenue Drainage Improvements project listed in the May 2000 Bond Program, because the two projects tie together. This work will be coordinated with a separate project being proposed by the U.S. Army Corps of Engineers.						WARD: 1 START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: S038 <u>ESTIMATED PROJECT COST</u> DESIGN 202.0 RIGHT-OF-WAY - CONSTRUCTION 2,548.0 OTHER - INFLATION - PROJECT TOTAL 2,750.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	750.0	2,000.0	2,750.0	-	-	-	-	2,750.0	-	2,750.0
TOTAL		-	750.0	2,000.0	2,750.0	-	-	-	-	2,750.0	-	2,750.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: Flood Hazard Studies DESCRIPTION: Conduct flood hazard studies, as recommended by the Tucson Stormwater Management Study, with the objectives of preserving naturally-vegetated watercourses and identifying properties that would benefit from either flood insurance or flood-proofing instead of expensive drainage improvements.						WARD: Citywide START DATE: 7/02 END DATE: Annual				PROJECT NUMBER: S009 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 1,043.5 INFLATION 104.5 PROJECT TOTAL 1,148.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	200.0	200.0	200.0	200.0	800.0	348.0	1,148.0
TOTAL		-	-	-	-	200.0	200.0	200.0	200.0	800.0	348.0	1,148.0
INFLATION ADJUSTMENT:						6.0	11.5	17.0	22.0	56.5	48.0	104.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: Limberlost Drainage Relief Improvements DESCRIPTION: Design and construct drainage improvements to the area bounded by Limberlost Road, 14th Avenue, Fairview Avenue, and Wetmore Road. These improvements will be made in conjunction with the Pima County Flood Control District.						WARD: 3 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S082 <u>ESTIMATED PROJECT COST</u> DESIGN 25.0 RIGHT-OF-WAY - CONSTRUCTION 1,475.0 OTHER - INFLATION - PROJECT TOTAL 1,500.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	525.0	975.0	-	975.0	-	-	-	-	975.0	-	1,500.0
TOTAL		525.0	975.0	-	975.0	-	-	-	-	975.0	-	1,500.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: Miscellaneous Drainage Improvement Program DESCRIPTION: Design and construct miscellaneous drainage improvements.						WARD: Citywide START DATE: 7/01 END DATE: 6/05				PROJECT NUMBER: S084 <u>ESTIMATED PROJECT COST</u> DESIGN 1,065.0 RIGHT-OF-WAY - CONSTRUCTION 3,778.0 OTHER - INFLATION 257.0 PROJECT TOTAL 5,100.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	600.0	600.0	1,500.0	1,500.0	1,500.0	-	5,100.0	-	5,100.0
TOTAL		-	-	600.0	600.0	1,500.0	1,500.0	1,500.0	-	5,100.0	-	5,100.0
INFLATION ADJUSTMENT:						44.0	86.0	127.0	-	257.0	-	257.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: Mission View Wash Detention/Retention Facility DESCRIPTION: Augment Pima County's May 1997 bond project of \$1,000,000 for the design and construction of a stormwater detention/retention facility on a vacant parcel located southeast of the intersection of 36th Street and Park Avenue. This project was identified as a high priority in the Tucson Stormwater Management Study.						WARD: 5 START DATE: 7/03 END DATE: 6/04				PROJECT NUMBER: S051 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION 1,320.0 OTHER - INFLATION 80.0 PROJECT TOTAL 1,400.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	-	-	-	1,400.0	-	-	1,400.0	-	1,400.0
TOTAL		-	-	-	-	-	1,400.0	-	-	1,400.0	-	1,400.0
INFLATION ADJUSTMENT:						-	80.0	-	-	80.0	-	80.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: Mountain Avenue Storm Drainage Improvements DESCRIPTION: Construct storm drain and roadway improvements along Mountain Avenue between Grant Road and Ft. Lowell Road. Project design has already been substantially completed and will only need minor updating.						WARD: 3, 6 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S060 <u>ESTIMATED PROJECT COST</u> DESIGN 25.0 RIGHT-OF-WAY - CONSTRUCTION 5,975.0 OTHER - INFLATION - PROJECT TOTAL 6,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	2,525.0	1,475.0	2,000.0	3,475.0	-	-	-	-	3,475.0	-	6,000.0
TOTAL		2,525.0	1,475.0	2,000.0	3,475.0	-	-	-	-	3,475.0	-	6,000.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: Multiple Benefits Water Projects DESCRIPTION: Funding for projects that include benefits such as water features with historical significance, riparian habitat restoration, cultural components, and educational opportunities. Grant awards have been received from the Arizona Water Protection Fund for two projects: the Rillito Creek Habitat Restoration Project (\$293,000) and the Santa Cruz River Park Extension (\$434,684). The city's share for the projects is only partially funded at this time; availability of other funding is under review.						WARD: Citywide START DATE: 7/98 END DATE: 6/03				PROJECT NUMBER: S398 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION 898.0 OTHER - INFLATION 10.0 PROJECT TOTAL 908.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Capital Agreements Fund	13	-	-	350.0	350.0	358.0	-	-	-	708.0	-	708.0
1994 General Obligation Bonds Series E	44	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
TOTAL		-	-	550.0	550.0	358.0	-	-	-	908.0	-	908.0
INFLATION ADJUSTMENT:						10.0	-	-	-	10.0	-	10.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: Palo Verde Road: Glenn Street to Grant Road Drainage Improvements DESCRIPTION: Reconstruct Palo Verde Road to provide stormwater-carrying capabilities for drainage relief. Project design has already been completed.						WARD: 3, 6 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S085 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION 750.0 OTHER - INFLATION - PROJECT TOTAL 750.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	750.0	-	750.0	-	-	-	-	750.0	-	750.0
TOTAL		-	750.0	-	750.0	-	-	-	-	750.0	-	750.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: Park Avenue Detention Basin DESCRIPTION: Design and construct a mutiple-use flood control project that will incorporate recreation and habitat preservation into a community park. This is a U. S. Army Corps of Engineers' project with Pima County Flood Control District as the local sponsor. Because the U. S. Army Corps of Engineers requires local entities to pay for "locally preferred options" to their design, the city will be funding the recreation and habitat preservation portions of the project.						WARD: 1, 5, 6 START DATE: 7/97 END DATE: 6/02				PROJECT NUMBER: S400 <u>ESTIMATED PROJECT COST</u> DESIGN 360.3 RIGHT-OF-WAY 322.2 CONSTRUCTION 816.3 OTHER - INFLATION - PROJECT TOTAL 1,498.8		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 General Obligation Bonds Series A	36	53.7	-	-	-	-	-	-	-	-	-	53.7
1994 General Obligation Bonds Series B	37	628.7	-	-	-	-	-	-	-	-	-	628.7
1994 General Obligation Bonds Series E	44	16.4	800.0	-	800.0	-	-	-	-	800.0	-	816.4
TOTAL		698.8	800.0	-	800.0	-	-	-	-	800.0	-	1,498.8
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: Stormwater Quality Program DESCRIPTION: Modify and retrofit city-owned facilities and operations as required to meet federal and state stormwater quality regulations and permits.						WARD: Citywide START DATE: 7/00 END DATE: 6/05				PROJECT NUMBER: S003 ESTIMATED PROJECT COST DESIGN 87.0 RIGHT-OF-WAY - CONSTRUCTION 878.5 OTHER - INFLATION 34.5 PROJECT TOTAL 1,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	200.0	-	200.0	200.0	200.0	200.0	200.0	-	800.0	-	1,000.0
TOTAL		200.0	-	200.0	200.0	200.0	200.0	200.0	-	800.0	-	1,000.0
INFLATION ADJUSTMENT:						6.0	11.5	17.0	-	34.5	-	34.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Drainage (4052) PROJECT TITLE: Wilson Wash Drainage Improvements DESCRIPTION: Design and construction of a storm drain system along the Wilson Wash alignment to provide drainage relief in the area between Glenn Street and Ft. Lowell Road.						WARD: 3 START DATE: 7/04 END DATE: 6/05				PROJECT NUMBER: S036 ESTIMATED PROJECT COST DESIGN 549.0 RIGHT-OF-WAY - CONSTRUCTION 4,942.0 OTHER - INFLATION 509.0 PROJECT TOTAL 6,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	6,000.0	-	6,000.0	-	6,000.0
TOTAL		-	-	-	-	-	-	6,000.0	-	6,000.0	-	6,000.0
INFLATION ADJUSTMENT:						-	-	509.0	-	509.0	-	509.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENTAL CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Transportation

FIVE-YEAR TOTAL: \$ 11,311,000

PROGRAM AREA: Street Lighting

The Street Lighting program consists of neighborhood district lighting projects, conversion of overhead circuits to underground circuits, upgrading existing conductors and poles, street light and sidewalk improvements along arterial and collector roadways, and the May 2000 bond program of projects.

The five-year Street Lighting program is fully funded, primarily with local bond funds approved in the 2000 bond election.

Transportation
DEPARTMENT

Street Lighting
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
12th Avenue: Irvington Road to Drexel Road Improvement District	B - 168	-	-	-	-	63.0	-	-	-	63.0	-	63.0
Special Assessments Fund		-	-	-	-	14.0	-	-	-	14.0	-	14.0
2000 General Obligation Bonds		-	-	-	-	49.0	-	-	-	49.0	-	49.0
1st Avenue: Prince Road to River Road Improvement District	B - 168	51.0	400.0	120.0	520.0	-	-	-	-	520.0	-	571.0
Special Assessments Fund		-	-	120.0	120.0	-	-	-	-	120.0	-	120.0
2000 General Obligation Bonds		51.0	400.0	-	400.0	-	-	-	-	400.0	-	451.0
Benson Highway: 44th Street to Park Avenue	B - 169	-	-	32.0	32.0	-	-	-	-	32.0	-	32.0
2000 General Obligation Bonds		-	-	32.0	32.0	-	-	-	-	32.0	-	32.0
Broadway Boulevard: Kolb Road to Pantano Road Improvement District	B - 169	40.0	248.0	86.0	334.0	-	-	-	-	334.0	-	374.0
Special Assessments Fund		-	-	86.0	86.0	-	-	-	-	86.0	-	86.0
2000 General Obligation Bonds		40.0	248.0	-	248.0	-	-	-	-	248.0	-	288.0
Broadway Boulevard: Tucson Boulevard to Country Club Road	B - 170	-	-	271.0	271.0	-	-	-	-	271.0	-	271.0
2000 General Obligation Bonds		-	-	271.0	271.0	-	-	-	-	271.0	-	271.0
Campbell Avenue: Roger Road to River Road Improvement District	B - 170	40.0	276.0	83.0	359.0	-	-	-	-	359.0	-	399.0
Special Assessments Fund		-	-	83.0	83.0	-	-	-	-	83.0	-	83.0
2000 General Obligation Bonds		40.0	276.0	-	276.0	-	-	-	-	276.0	-	316.0
Convert Overhead/Underground Circuits	B - 171	961.0	-	175.0	175.0	180.0	-	-	-	355.0	-	1,316.0
Highway User Revenue Fund		622.4	-	175.0	175.0	180.0	-	-	-	355.0	-	977.4
Highway User Revenue Fund - Restricted		128.6	-	-	-	-	-	-	-	-	-	128.6
1994 Street and Highway Revenue Bonds Series A		180.0	-	-	-	-	-	-	-	-	-	180.0
1994 Street and Highway Revenue Bonds Series D		30.0	-	-	-	-	-	-	-	-	-	30.0
Country Club Road: Broadway Boulevard to 22nd Street Improvement District	B - 171	-	-	-	-	455.0	-	-	-	455.0	-	455.0
Special Assessments Fund		-	-	-	-	105.0	-	-	-	105.0	-	105.0
2000 General Obligation Bonds		-	-	-	-	350.0	-	-	-	350.0	-	350.0

Transportation
DEPARTMENT

Street Lighting
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Euclid Avenue: Broadway to Grant Road Improvement District	B - 172	-	-	-	-	475.0	-	-	-	475.0	-	475.0
Special Assessments Fund		-	-	-	-	150.0	-	-	-	150.0	-	150.0
2000 General Obligation Bonds		-	-	-	-	325.0	-	-	-	325.0	-	325.0
Golf Links Road: Alvernon Way to Craycroft Boulevard	B - 172	-	-	500.0	500.0	-	-	-	-	500.0	-	500.0
2000 General Obligation Bonds		-	-	500.0	500.0	-	-	-	-	500.0	-	500.0
Kolb Road: 22nd Street to Speedway Boulevard Improvement District	B - 173	400.0	300.0	-	300.0	-	-	-	-	300.0	-	700.0
Highway User Revenue Fund		-	3.0	-	3.0	-	-	-	-	3.0	-	3.0
Special Assessments Fund		-	150.0	-	150.0	-	-	-	-	150.0	-	150.0
Federal Highway Administration Funds		-	47.0	-	47.0	-	-	-	-	47.0	-	47.0
2000 General Obligation Bonds		400.0	100.0	-	100.0	-	-	-	-	100.0	-	500.0
Life Extensions and Upgrades on Existing Electrical Systems	B - 173	458.9	-	160.0	160.0	103.0	-	-	-	263.0	-	721.9
Highway User Revenue Fund		448.8	-	160.0	160.0	103.0	-	-	-	263.0	-	711.8
Highway User Revenue Fund - Restricted		10.1	-	-	-	-	-	-	-	-	-	10.1
Miscellaneous Arterial Street Lighting Improvements	B - 174	-	-	-	-	-	1,363.0	1,363.0	-	2,726.0	-	2,726.0
2000 General Obligation Bonds		-	-	-	-	-	1,363.0	1,363.0	-	2,726.0	-	2,726.0
Neighborhood District Lighting	B - 174	-	-	467.0	467.0	481.0	496.0	480.0	495.0	2,419.0	-	2,419.0
General Fund		-	-	129.0	129.0	133.0	137.0	140.0	145.0	684.0	-	684.0
Special Assessments Fund		-	-	338.0	338.0	348.0	359.0	340.0	350.0	1,735.0	-	1,735.0
Nogales Highway: Drexel Road to Irvington Road Improvement District	B - 175	-	-	-	-	422.0	-	-	-	422.0	-	422.0
Special Assessments Fund		-	-	-	-	97.0	-	-	-	97.0	-	97.0
2000 General Obligation Bonds		-	-	-	-	325.0	-	-	-	325.0	-	325.0
Pantano Road: Escalante Road to Irvington Road Improvement District	B - 175	-	-	253.0	253.0	-	-	-	-	253.0	-	253.0
Special Assessments Fund		-	-	58.0	58.0	-	-	-	-	58.0	-	58.0
2000 General Obligation Bonds		-	-	195.0	195.0	-	-	-	-	195.0	-	195.0

Transportation
DEPARTMENT

Street Lighting
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pantano Road: Speedway Boulevard to 22nd Street Improvement District	B - 176	45.0	305.0	91.0	396.0	-	-	-	-	396.0	-	441.0
Special Assessments Fund		-	-	91.0	91.0	-	-	-	-	91.0	-	91.0
2000 General Obligation Bonds		45.0	305.0	-	305.0	-	-	-	-	305.0	-	350.0
Park Avenue: Valencia Road to Irvington Road Improvement District	B - 176	-	-	-	-	676.0	-	-	-	676.0	-	676.0
Special Assessments Fund		-	-	-	-	156.0	-	-	-	156.0	-	156.0
2000 General Obligation Bonds		-	-	-	-	520.0	-	-	-	520.0	-	520.0
Wilmot Road: Broadway Boulevard to Golf Links Road Improvement District	B - 177	340.0	300.0	192.0	492.0	-	-	-	-	492.0	-	832.0
Special Assessments Fund		-	-	192.0	192.0	-	-	-	-	192.0	-	192.0
2000 General Obligation Bonds		340.0	300.0	-	300.0	-	-	-	-	300.0	-	640.0
TOTAL		2,335.9	1,829.0	2,430.0	4,259.0	2,855.0	1,859.0	1,843.0	495.0	11,311.0	-	13,646.9
Source of Funds	Fund No.											
General Fund	01	-	-	129.0	129.0	133.0	137.0	140.0	145.0	684.0	-	684.0
Highway User Revenue Fund	15	1,071.2	3.0	335.0	338.0	283.0	-	-	-	621.0	-	1,692.2
Highway User Revenue Fund - Restricted	17	138.7	-	-	-	-	-	-	-	-	-	138.7
Special Assessments Fund	16	-	150.0	968.0	1,118.0	870.0	359.0	340.0	350.0	3,037.0	-	3,037.0
Federal Highway Administration Funds	91	-	47.0	-	47.0	-	-	-	-	47.0	-	47.0
1994 Street and Highway Revenue Bonds Series A	32	180.0	-	-	-	-	-	-	-	-	-	180.0
1994 Street and Highway Revenue Bonds Series D	35	30.0	-	-	-	-	-	-	-	-	-	30.0
2000 General Obligation Bonds	40	916.0	1,629.0	998.0	2,627.0	1,569.0	1,363.0	1,363.0	-	6,922.0	-	7,838.0
TOTAL		2,335.9	1,829.0	2,430.0	4,259.0	2,855.0	1,859.0	1,843.0	495.0	11,311.0	-	13,646.9
Inflation Adjustment				-	-	81.0	107.0	157.0	55.0	400.0	-	400.0
Annual Operating Cost				-	-	41.3	60.8	80.0	99.2	281.3		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Street Lighting (4055) PROJECT TITLE: 12th Avenue: Irvington Road to Drexel Road Improvement District DESCRIPTION: Design and construct one mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduits.						WARD: 5 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: S079 <u>ESTIMATED PROJECT COST</u> DESIGN 4.0 RIGHT-OF-WAY - CONSTRUCTION 58.0 OTHER - INFLATION 1.0 PROJECT TOTAL 63.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Special Assessments Fund	16	-	-	-	-	14.0	-	-	-	14.0	-	14.0
2000 General Obligation Bonds	40	-	-	-	-	49.0	-	-	-	49.0	-	49.0
TOTAL		-	-	-	-	63.0	-	-	-	63.0	-	63.0
INFLATION ADJUSTMENT:						1.0	-	-	-	1.0	-	1.0
ANNUAL OPERATING COST:						-	1.5	1.5	1.5	4.5		

DEPARTMENT: Transportation - Street Lighting (4055) PROJECT TITLE: 1st Avenue: Prince Road to River Road Improvement District DESCRIPTION: Design and construct 1.1 miles of arterial street lighting, including the installation of missing sidewalk segments, curb ramps, fiber optic conduit, and traffic signal upgrades.						WARD: 3 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S043 <u>ESTIMATED PROJECT COST</u> DESIGN 51.0 RIGHT-OF-WAY - CONSTRUCTION 520.0 OTHER - INFLATION - PROJECT TOTAL 571.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Special Assessments Fund	16	-	-	120.0	120.0	-	-	-	-	120.0	-	120.0
2000 General Obligation Bonds	40	51.0	400.0	-	400.0	-	-	-	-	400.0	-	451.0
TOTAL		51.0	400.0	120.0	520.0	-	-	-	-	520.0	-	571.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	3.3	3.3	3.3	13.2		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Street Lighting (4055) PROJECT TITLE: Benson Highway: 44th Street to Park Avenue DESCRIPTION: Design and construct 1/10 mile of arterial street lighting, including the installation of missing sidewalk segments, curb ramps, fiber optic conduit, and traffic signal upgrades.						WARD: 5 START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: S055 <u>ESTIMATED PROJECT COST</u> DESIGN 4.0 RIGHT-OF-WAY - CONSTRUCTION 28.0 OTHER - INFLATION - PROJECT TOTAL 32.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	32.0	32.0	-	-	-	-	32.0	-	32.0
TOTAL		-	-	32.0	32.0	-	-	-	-	32.0	-	32.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	2.0	-	-

DEPARTMENT: Transportation - Street Lighting (4055) PROJECT TITLE: Broadway Boulevard: Kolb Road to Pantano Road Improvement District DESCRIPTION: Design and construct one mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduits.						WARD: 2 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S088 <u>ESTIMATED PROJECT COST</u> DESIGN 40.0 RIGHT-OF-WAY - CONSTRUCTION 334.0 OTHER - INFLATION - PROJECT TOTAL 374.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Special Assessments Fund	16	-	-	86.0	86.0	-	-	-	-	86.0	-	86.0
2000 General Obligation Bonds	40	40.0	248.0	-	248.0	-	-	-	-	248.0	-	288.0
TOTAL		40.0	248.0	86.0	334.0	-	-	-	-	334.0	-	374.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	12.0	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Street Lighting (4055) PROJECT TITLE: Broadway Boulevard: Tucson Boulevard to Country Club Road DESCRIPTION: Design and construct 1/2 mile of arterial street lighting, including the installation of missing sidewalk segments, curb ramps, and fiber optic conduit.						WARD: 6 START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: S032 <u>ESTIMATED PROJECT COST</u> DESIGN 41.0 RIGHT-OF-WAY - CONSTRUCTION 230.0 OTHER - INFLATION - PROJECT TOTAL 271.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	271.0	271.0	-	-	-	-	271.0	-	271.0
TOTAL		-	-	271.0	271.0	-	-	-	-	271.0	-	271.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						1.5	1.5	1.5	1.5	6.0		

DEPARTMENT: Transportation - Street Lighting (4055) PROJECT TITLE: Campbell Avenue: Roger Road to River Road Improvement District DESCRIPTION: Design and construct 1/2 mile of arterial street lighting, including the installation of missing sidewalk segments, curb ramps, fiber optic conduit, and traffic signal upgrades.						WARD: 3 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S089 <u>ESTIMATED PROJECT COST</u> DESIGN 40.0 RIGHT-OF-WAY - CONSTRUCTION 359.0 OTHER - INFLATION - PROJECT TOTAL 399.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Special Assessments Fund	16	-	-	83.0	83.0	-	-	-	-	83.0	-	83.0
2000 General Obligation Bonds	40	40.0	276.0	-	276.0	-	-	-	-	276.0	-	316.0
TOTAL		40.0	276.0	83.0	359.0	-	-	-	-	359.0	-	399.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						1.5	1.5	1.5	1.5	6.0		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Transportation - Street Lighting (4055)						WARD: Citywide START DATE: 7/97 END DATE: 6/03				PROJECT NUMBER: S731 ESTIMATED PROJECT COST		
PROJECT TITLE: Convert Overhead/Underground Circuits DESCRIPTION: Convert existing overhead 2,300 volt series lighting systems to standard underground conduit 480 volt systems at the following locations: South Stone (\$175,000) and East Broadway (\$180,000).										DESIGN - RIGHT-OF-WAY - CONSTRUCTION 1,311.0 OTHER - INFLATION 5.0 PROJECT TOTAL 1,316.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	622.4	-	175.0	175.0	180.0	-	-	-	355.0	-	977.4
Highway User Revenue Fund - Restricted	17	128.6	-	-	-	-	-	-	-	-	-	128.6
1994 Street and Highway Revenue Bonds Series A	32	180.0	-	-	-	-	-	-	-	-	-	180.0
1994 Street and Highway Revenue Bonds Series D	35	30.0	-	-	-	-	-	-	-	-	-	30.0
TOTAL		961.0	-	175.0	175.0	180.0	-	-	-	355.0	-	1,316.0
INFLATION ADJUSTMENT:						5.0	-	-	-	5.0	-	5.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Street Lighting (4055)						WARD: 5, 6 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: S087 ESTIMATED PROJECT COST		
PROJECT TITLE: Country Club Road: Broadway Boulevard to 22nd Street Improvement District DESCRIPTION: Design and construct one mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduits.										DESIGN 36.0 RIGHT-OF-WAY - CONSTRUCTION 406.0 OTHER - INFLATION 13.0 PROJECT TOTAL 455.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Special Assessments Fund	16	-	-	-	-	105.0	-	-	-	105.0	-	105.0
2000 General Obligation Bonds	40	-	-	-	-	350.0	-	-	-	350.0	-	350.0
TOTAL		-	-	-	-	455.0	-	-	-	455.0	-	455.0
INFLATION ADJUSTMENT:						13.0	-	-	-	13.0	-	13.0
ANNUAL OPERATING COST:						-	3.0	3.0	3.0	9.0	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Transportation - Street Lighting (4055)							WARD: 3, 6				PROJECT NUMBER: S073		
PROJECT TITLE: Euclid Avenue: Broadway to Grant Road Improvement District							START DATE: 7/02				<u>ESTIMATED PROJECT COST</u> DESIGN		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Street Lighting (4055)					WARD: 2, 4 START DATE: 7/00 END DATE: 6/02					PROJECT NUMBER: S042		
PROJECT TITLE: Kolb Road: 22nd Street to Speedway Boulevard Improvement District										<u>ESTIMATED PROJECT COST</u>		
DESCRIPTION: Design and construct two miles of arterial street lighting, including the installation of missing sidewalk segments, curb ramps, fiber optic conduit, and traffic signal upgrades.										DESIGN 50.0 RIGHT-OF-WAY - CONSTRUCTION 650.0 OTHER - INFLATION - PROJECT TOTAL 700.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	-	3.0	-	3.0	-	-	-	-	3.0	-	3.0
Special Assessments Fund	16	-	150.0	-	150.0	-	-	-	-	150.0	-	150.0
Federal Highway Administration Funds	91	-	47.0	-	47.0	-	-	-	-	47.0	-	47.0
2000 General Obligation Bonds	40	400.0	100.0	-	100.0	-	-	-	-	100.0	-	500.0
TOTAL		400.0	300.0	-	300.0	-	-	-	-	300.0	-	700.0
INFLATION ADJUSTMENT:					-	-	-	-	-	-	-	-
ANNUAL OPERATING COST:					-	6.0	6.0	6.0	6.0	24.0	-	-

DEPARTMENT: Transportation - Street Lighting (4055)					WARD: Citywide START DATE: 7/00 END DATE: 6/03					PROJECT NUMBER: S734		
PROJECT TITLE: Life Extensions and Upgrades on Existing Electrical Systems										<u>ESTIMATED PROJECT COST</u>		
DESCRIPTION: Replace existing direct buried conductors with conduit/pullboxes in Winterhaven (\$80,000) and Sam Hughes (\$80,000) during Fiscal Year 2002. The program in Fiscal Year 2003 will provide lighting at remote arterial intersections and replace substandard street light and traffic signal poles.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION 718.9 OTHER - INFLATION 3.0 PROJECT TOTAL 721.9		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	448.8	-	160.0	160.0	103.0	-	-	-	263.0	-	711.8
Highway User Revenue Fund - Restricted	17	10.1	-	-	-	-	-	-	-	-	-	10.1
TOTAL		458.9	-	160.0	160.0	103.0	-	-	-	263.0	-	721.9
INFLATION ADJUSTMENT:					-	3.0	-	-	-	3.0	-	3.0
ANNUAL OPERATING COST:					-	-	-	-	-	-	-	-

CAPITAL PROJECTS
(\\$000)

DEPARTMENT: Transportation - Street Lighting (4055) PROJECT TITLE: Miscellaneous Arterial Street Lighting Improvements DESCRIPTION: Design and construct miscellaneous street lighting improvements. Specific projects will be identified based upon the Comprehensive Roadway Illumination Study.						WARD: Citywide START DATE: 7/03 END DATE: 6/05				PROJECT NUMBER: S097 <u>ESTIMATED PROJECT COST</u> DESIGN 280.0 RIGHT-OF-WAY - CONSTRUCTION 2,252.0 OTHER - INFLATION 194.0 PROJECT TOTAL 2,726.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 General Obligation Bonds	40	-	-	-	-	-	1,363.0	1,363.0	-	2,726.0	-	2,726.0
TOTAL		-	-	-	-	-	1,363.0	1,363.0	-	2,726.0	-	2,726.0
INFLATION ADJUSTMENT:						-	78.0	116.0	-	194.0	-	194.0
ANNUAL OPERATING COST:						-	-	13.2	26.4	39.6		

DEPARTMENT: Transportation - Street Lighting (4055) PROJECT TITLE: Neighborhood District Lighting DESCRIPTION: Design and construct neighborhood district lighting improvements in response to residents' petitions.						WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: S732 <u>ESTIMATED PROJECT COST</u> DESIGN 290.0 RIGHT-OF-WAY - CONSTRUCTION 1,990.0 OTHER - INFLATION 139.0 PROJECT TOTAL 2,419.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	-	-	129.0	129.0	133.0	137.0	140.0	145.0	684.0	-	684.0
Special Assessments Fund	16	-	-	338.0	338.0	348.0	359.0	340.0	350.0	1,735.0	-	1,735.0
TOTAL		-	-	467.0	467.0	481.0	496.0	480.0	495.0	2,419.0	-	2,419.0
INFLATION ADJUSTMENT:						14.0	29.0	41.0	55.0	139.0	-	139.0
ANNUAL OPERATING COST:						-	-	6.0	12.0	18.0	24.0	60.0

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Transportation - Street Lighting (4055)						WARD: 5 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: S078 ESTIMATED PROJECT COST DESIGN		
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CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Street Lighting (4055) PROJECT TITLE: Pantano Road: Speedway Boulevard to 22nd Street Improvement District DESCRIPTION: Design and construct two miles of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduits.						WARD: 2 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S095 <u>ESTIMATED PROJECT COST</u> DESIGN 45.0 RIGHT-OF-WAY - CONSTRUCTION 396.0 OTHER - INFLATION - PROJECT TOTAL 441.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Special Assessments Fund	16	-	-	91.0	91.0	-	-	-	-	91.0	-	91.0
2000 General Obligation Bonds	40	45.0	305.0	-	305.0	-	-	-	-	305.0	-	350.0
TOTAL		45.0	305.0	91.0	396.0	-	-	-	-	396.0	-	441.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	24.0	-	-

DEPARTMENT: Transportation - Street Lighting (4055) PROJECT TITLE: Park Avenue: Valencia Road to Irvington Road Improvement District DESCRIPTION: Design and construct one mile of arterial street lighting, including the installation of missing sidewalk segments, curb access ramps, and fiber optic conduits.						WARD: 5 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: S072 <u>ESTIMATED PROJECT COST</u> DESIGN 52.0 RIGHT-OF-WAY - CONSTRUCTION 604.0 OTHER - INFLATION 20.0 PROJECT TOTAL 676.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Special Assessments Fund	16	-	-	-	-	156.0	-	-	-	156.0	-	156.0
2000 General Obligation Bonds	40	-	-	-	-	520.0	-	-	-	520.0	-	520.0
TOTAL		-	-	-	-	676.0	-	-	-	676.0	-	676.0
INFLATION ADJUSTMENT:						20.0	-	-	-	20.0	-	20.0
ANNUAL OPERATING COST:						-	-	-	-	9.0	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Transportation - Street Lighting (4055)						WARD: 4 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S048		
PROJECT TITLE: Wilmot Road: Broadway Boulevard to Golf Links Road Improvement District						<u>ESTIMATED PROJECT COST</u>						
DESCRIPTION: Design and construct two miles of arterial street lighting, including the installation of missing sidewalk segments, curb ramps, fiber optic conduit, and traffic signal upgrades.						DESIGN						

**DEPARTMENTAL CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Transportation

FIVE-YEAR TOTAL: \$ 12,660,000

PROGRAM AREA: Traffic Signals

The Traffic Signals program provides funding for traffic signal construction, warning flashers at schools, crossing improvements, upgrading the computerized traffic control system, miscellaneous traffic signal upgrades, activities in support of the state's Freeway Management System, and continued deployment of Intelligent Transportation System elements.

The funded portion of the five-year Traffic Signals program, approximately 97%, totals \$12.3 million. This funding comes primarily from local bonds, federal grants, and state-shared gasoline user fees. Unfunded projects in the five-year program total \$0.4 million.

Transportation
DEPARTMENT

Traffic Signals
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
22nd Street and Randolph Way Traffic Signal Improvement	B - 183	5.0	-	-	-	206.0	-	-	-	206.0	-	211.0
Highway User Revenue Fund		-	-	-	-	206.0	-	-	-	206.0	-	206.0
1994 Street and Highway Revenue Bonds Series C		0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Street and Highway Revenue Bonds Series D		4.8	-	-	-	-	-	-	-	-	-	4.8
Americans with Disabilities Act Pedestrian Crossing Modifications	B - 183	44.5	-	21.0	21.0	22.0	-	-	-	43.0	-	87.5
Highway User Revenue Fund		21.0	-	21.0	21.0	22.0	-	-	-	43.0	-	64.0
Highway User Revenue Fund - Restricted		5.2	-	-	-	-	-	-	-	-	-	5.2
1994 Street and Highway Revenue Bonds Series C		16.1	-	-	-	-	-	-	-	-	-	16.1
1994 Street and Highway Revenue Bonds Series D		2.2	-	-	-	-	-	-	-	-	-	2.2
Computerized Traffic System Improvements	B - 184	971.0	-	100.0	100.0	100.0	-	-	-	200.0	-	1,171.0
Highway User Revenue Fund		104.3	-	100.0	100.0	100.0	-	-	-	200.0	-	304.3
Highway User Revenue Fund - Restricted		11.0	-	-	-	-	-	-	-	-	-	11.0
1984 Street and Highway Revenue Bonds		11.2	-	-	-	-	-	-	-	-	-	11.2
1994 Street and Highway Revenue Bonds Series B		31.7	-	-	-	-	-	-	-	-	-	31.7
1994 Street and Highway Revenue Bonds Series D		350.6	-	-	-	-	-	-	-	-	-	350.6
1994 Street and Highway Revenue Bonds Series E		462.2	-	-	-	-	-	-	-	-	-	462.2
Fire Station Signals	B - 184	22.0	7.0	-	7.0	-	-	-	-	7.0	-	29.0
Pima Association of Governments		22.0	7.0	-	7.0	-	-	-	-	7.0	-	29.0
Intelligent Transportation System Upgrades	B - 185	-	75.0	275.0	350.0	280.0	287.0	191.0	197.0	1,305.0	-	1,305.0
Highway User Revenue Fund		-	20.0	100.0	120.0	100.0	101.0	-	-	321.0	-	321.0
Pima Association of Governments		-	55.0	-	55.0	-	-	-	-	55.0	-	55.0
Federal Highway Administration Funds		-	-	175.0	175.0	180.0	186.0	191.0	197.0	929.0	-	929.0
Intelligent Transportation Systems - Emergency Room Link	B - 185	-	-	750.0	750.0	500.0	-	-	-	1,250.0	-	1,250.0
Federal Highway Administration Funds		-	-	750.0	750.0	500.0	-	-	-	1,250.0	-	1,250.0

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Living Transportation Laboratory	B - 186	770.1	20.0	106.0	126.0	108.0	-	-	-	234.0	-	1,004.1
Highway User Revenue Fund		138.5	20.0	106.0	126.0	108.0	-	-	-	234.0	-	372.5
Highway User Revenue Fund - Restricted		187.4	-	-	-	-	-	-	-	-	-	187.4
1984 Street and Highway Revenue Bonds		129.6	-	-	-	-	-	-	-	-	-	129.6
1994 Street and Highway Revenue Bonds Series A		2.0	-	-	-	-	-	-	-	-	-	2.0
1994 Street and Highway Revenue Bonds Series C		142.6	-	-	-	-	-	-	-	-	-	142.6
1994 Street and Highway Revenue Bonds Series D		9.9	-	-	-	-	-	-	-	-	-	9.9
1994 Street and Highway Revenue Bonds Series E		160.1	-	-	-	-	-	-	-	-	-	160.1
Machine Vision Video Detection System Upgrades	B - 186	-	50.0	292.0	342.0	1,539.0	1,167.0	1,166.0	-	4,214.0	-	4,214.0
Highway User Revenue Fund		-	50.0	292.0	342.0	372.0	-	-	-	714.0	-	714.0
2000 Street and Highway Revenue Bonds Series A		-	-	-	-	1,167.0	1,167.0	1,166.0	-	3,500.0	-	3,500.0
Miscellaneous Traffic Improvements	B - 187	373.0	10.0	161.0	171.0	151.0	-	-	-	322.0	-	695.0
Highway User Revenue Fund		12.0	10.0	161.0	171.0	151.0	-	-	-	322.0	-	334.0
Highway User Revenue Fund - Restricted		5.0	-	-	-	-	-	-	-	-	-	5.0
1994 Street and Highway Revenue Bonds Series C		135.4	-	-	-	-	-	-	-	-	-	135.4
1994 Street and Highway Revenue Bonds Series D		159.3	-	-	-	-	-	-	-	-	-	159.3
1994 Street and Highway Revenue Bonds Series E		61.3	-	-	-	-	-	-	-	-	-	61.3
Roger Road/Fairview Avenue Traffic Signal Improvement	B - 187	155.0	-	73.0	73.0	333.0	-	-	-	406.0	-	561.0
Highway User Revenue Fund		-	-	73.0	73.0	-	-	-	-	73.0	-	73.0
Highway User Revenue Fund - Restricted		5.0	-	-	-	-	-	-	-	-	-	5.0
Pima County Contributions		75.0	-	-	-	206.0	-	-	-	206.0	-	281.0
1994 Street and Highway Revenue Bonds Series E		75.0	-	-	-	-	-	-	-	-	-	75.0
Unfunded Requirements		-	-	-	-	127.0	-	-	-	127.0	-	127.0
School Flasher Construction	B - 188	-	110.0	60.0	170.0	60.0	60.0	60.0	60.0	410.0	-	410.0
Highway User Revenue Fund		-	10.0	30.0	40.0	30.0	-	-	-	70.0	-	70.0
TUSD Contributions		-	100.0	30.0	130.0	30.0	30.0	30.0	30.0	250.0	-	250.0
Unfunded Requirements		-	-	-	-	-	30.0	30.0	30.0	90.0	-	90.0

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Tanque Verde Road/Pima Street and Wilmot Road Intersection Improvement	B - 188	175.9	-	-	-	180.0	-	-	-	180.0	-	355.9
Highway User Revenue Fund		30.0	-	-	-	-	-	-	-	-	-	30.0
Highway User Revenue Fund - Restricted		78.0	-	-	-	-	-	-	-	-	-	78.0
1994 Street and Highway Revenue Bonds Series C		60.1	-	-	-	-	-	-	-	-	-	60.1
1994 Street and Highway Revenue Bonds Series D		7.8	-	-	-	-	-	-	-	-	-	7.8
Unfunded Requirements		-	-	-	-	180.0	-	-	-	180.0	-	180.0
Traffic Flasher Construction	B - 189	484.5	-	200.0	200.0	52.0	-	-	-	252.0	-	736.5
Highway User Revenue Fund		138.3	-	200.0	200.0	52.0	-	-	-	252.0	-	390.3
Highway User Revenue Fund - Restricted		22.2	-	-	-	-	-	-	-	-	-	22.2
1994 Street and Highway Revenue Bonds Series C		129.0	-	-	-	-	-	-	-	-	-	129.0
1994 Street and Highway Revenue Bonds Series D		195.0	-	-	-	-	-	-	-	-	-	195.0
Traffic Signal Construction	B - 189	1,005.5	30.0	428.0	458.0	115.0	-	-	-	573.0	-	1,578.5
Highway User Revenue Fund		87.2	30.0	390.0	420.0	84.0	-	-	-	504.0	-	591.2
Highway User Revenue Fund - Restricted		280.6	-	-	-	-	-	-	-	-	-	280.6
Capital Agreements Fund		25.2	-	38.0	38.0	31.0	-	-	-	69.0	-	94.2
1994 Street and Highway Revenue Bonds Series A		45.1	-	-	-	-	-	-	-	-	-	45.1
1994 Street and Highway Revenue Bonds Series B		97.0	-	-	-	-	-	-	-	-	-	97.0
1994 Street and Highway Revenue Bonds Series E		470.4	-	-	-	-	-	-	-	-	-	470.4
Traffic Signal Control Equipment Upgrades	B - 190	-	12.0	152.0	164.0	157.0	161.0	166.0	172.0	820.0	-	820.0
Highway User Revenue Fund		-	12.0	52.0	64.0	54.0	55.0	57.0	59.0	289.0	-	289.0
Federal Highway Administration Funds		-	-	100.0	100.0	103.0	106.0	109.0	113.0	531.0	-	531.0
Traffic Signal Conversions	B - 190	-	-	-	-	500.0	501.0	499.0	-	1,500.0	-	1,500.0
2000 Street and Highway Revenue Bonds Series A		-	-	-	-	500.0	501.0	499.0	-	1,500.0	-	1,500.0
Traffic Signal Upgrades	B - 191	158.0	-	300.0	300.0	155.0	-	-	-	455.0	-	613.0
Highway User Revenue Fund		-	-	300.0	300.0	155.0	-	-	-	455.0	-	455.0
1994 Street and Highway Revenue Bonds Series C		42.3	-	-	-	-	-	-	-	-	-	42.3
1994 Street and Highway Revenue Bonds Series D		77.3	-	-	-	-	-	-	-	-	-	77.3
1994 Street and Highway Revenue Bonds Series E		38.4	-	-	-	-	-	-	-	-	-	38.4

Transportation
DEPARTMENT

Traffic Signals
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Turn Signal Modifications and Geometrics	B - 191	240.2	-	128.0	128.0	155.0	-	-	-	283.0	-	523.2
Highway User Revenue Fund		94.2	-	128.0	128.0	155.0	-	-	-	283.0	-	377.2
Highway User Revenue Fund - Restricted		64.5	-	-	-	-	-	-	-	-	-	64.5
1994 Street and Highway Revenue Bonds Series A		1.3	-	-	-	-	-	-	-	-	-	1.3
1994 Street and Highway Revenue Bonds Series C		10.2	-	-	-	-	-	-	-	-	-	10.2
1994 Street and Highway Revenue Bonds Series D		70.0	-	-	-	-	-	-	-	-	-	70.0
TOTAL		4,404.7	314.0	3,046.0	3,360.0	4,613.0	2,176.0	2,082.0	429.0	12,660.0	-	17,064.7
Source of Funds	Fund No.											
Highway User Revenue Fund	15	625.5	152.0	1,953.0	2,105.0	1,589.0	156.0	57.0	59.0	3,966.0	-	4,591.5
Highway User Revenue Fund - Restricted	17	658.9	-	-	-	-	-	-	-	-	-	658.9
Capital Agreements Fund	13	25.2	-	38.0	38.0	31.0	-	-	-	69.0	-	94.2
Pima Association of Governments	13H	22.0	62.0	-	62.0	-	-	-	-	62.0	-	84.0
Pima County Contributions	13P	75.0	-	-	-	206.0	-	-	-	206.0	-	281.0
TUSD Contributions	13T	-	100.0	30.0	130.0	30.0	30.0	30.0	30.0	250.0	-	250.0
Federal Highway Administration Funds	91	-	-	1,025.0	1,025.0	783.0	292.0	300.0	310.0	2,710.0	-	2,710.0
1984 Street and Highway Revenue Bonds	29	140.8	-	-	-	-	-	-	-	-	-	140.8
1994 Street and Highway Revenue Bonds Series A	32	48.4	-	-	-	-	-	-	-	-	-	48.4
1994 Street and Highway Revenue Bonds Series B	33	128.7	-	-	-	-	-	-	-	-	-	128.7
1994 Street and Highway Revenue Bonds Series C	34	535.9	-	-	-	-	-	-	-	-	-	535.9
1994 Street and Highway Revenue Bonds Series D	35	876.9	-	-	-	-	-	-	-	-	-	876.9
1994 Street and Highway Revenue Bonds Series E	31	1,267.4	-	-	-	-	-	-	-	-	-	1,267.4
2000 Street and Highway Revenue Bonds	30	-	-	-	-	1,667.0	1,668.0	1,665.0	-	5,000.0	-	5,000.0
Unfunded Requirements	100	-	-	-	-	307.0	30.0	30.0	30.0	397.0	-	397.0
TOTAL		4,404.7	314.0	3,046.0	3,360.0	4,613.0	2,176.0	2,082.0	429.0	12,660.0	-	17,064.7
Inflation Adjustment				-	-	137.0	126.0	177.0	48.0	488.0	-	488.0
Annual Operating Cost				-	-	(77.7)	(124.0)	(170.4)	(170.4)	(542.5)		

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: 5, 6 START DATE: 3/99 END DATE: 6/03				PROJECT NUMBER: S832		
PROJECT TITLE: 22nd Street and Randolph Way Traffic Signal Improvement										<u>ESTIMATED PROJECT COST</u>		
DESCRIPTION: Design and construct a traffic signal improvement in accordance with Mayor and Council's desire to improve access to Reid Park and Hi Corbett Field without negatively impacting the surrounding neighborhoods.										DESIGN 3.7 RIGHT-OF-WAY - CONSTRUCTION 201.3 OTHER - INFLATION 6.0 PROJECT TOTAL 211.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	-	-	-	-	206.0	-	-	-	206.0	-	206.0
1994 Street and Highway Revenue Bonds Series C	34	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Street and Highway Revenue Bonds Series D	35	4.8	-	-	-	-	-	-	-	-	-	4.8
TOTAL		5.0	-	-	-	206.0	-	-	-	206.0	-	211.0
INFLATION ADJUSTMENT:						6.0	-	-	-	6.0	-	6.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: Citywide START DATE: 7/97 END DATE: 6/03				PROJECT NUMBER: S809		
PROJECT TITLE: Americans with Disabilities Act Pedestrian Crossing Modifications										<u>ESTIMATED PROJECT COST</u>		
DESCRIPTION: Design and construct miscellaneous Americans with Disabilities Act (ADA) pedestrian crossing modifications at approximately two intersections per year.										DESIGN 63.0 RIGHT-OF-WAY - CONSTRUCTION 23.5 OTHER - INFLATION 1.0 PROJECT TOTAL 87.5		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	21.0	-	21.0	21.0	22.0	-	-	-	43.0	-	64.0
Highway User Revenue Fund - Restricted	17	5.2	-	-	-	-	-	-	-	-	-	5.2
1994 Street and Highway Revenue Bonds Series C	34	16.1	-	-	-	-	-	-	-	-	-	16.1
1994 Street and Highway Revenue Bonds Series D	35	2.2	-	-	-	-	-	-	-	-	-	2.2
TOTAL		44.5	-	21.0	21.0	22.0	-	-	-	43.0	-	87.5
INFLATION ADJUSTMENT:						1.0	-	-	-	1.0	-	1.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: Citywide START DATE: 7/93 END DATE: 6/03				PROJECT NUMBER: S901 ESTIMATED PROJECT COST		
PROJECT TITLE: Computerized Traffic System Improvements										DESIGN 32.3 RIGHT-OF-WAY - CONSTRUCTION 558.3 OTHER 577.4 INFLATION 3.0 PROJECT TOTAL 1,171.0		
DESCRIPTION: Design and construct upgrades to the computerized traffic system following National Transportation Communications guidelines for Intelligent Transportation Systems Protocol. Programmed improvements include software and hardware modifications to incorporate Sun Tran, the Freeway Management System, and traffic signal video into the Intelligent Transportation System, modifications in controller systems to identify failsafe indications/warning during power or communication failure, and transit tracking/traffic signal prioritization.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	104.3	-	100.0	100.0	100.0	-	-	-	200.0	-	304.3
Highway User Revenue Fund - Restricted	17	11.0	-	-	-	-	-	-	-	-	-	11.0
1984 Street and Highway Revenue Bonds	29	11.2	-	-	-	-	-	-	-	-	-	11.2
1994 Street and Highway Revenue Bonds Series B	33	31.7	-	-	-	-	-	-	-	-	-	31.7
1994 Street and Highway Revenue Bonds Series D	35	350.6	-	-	-	-	-	-	-	-	-	350.6
1994 Street and Highway Revenue Bonds Series E	31	462.2	-	-	-	-	-	-	-	-	-	462.2
TOTAL		971.0	-	100.0	100.0	100.0	-	-	-	200.0	-	1,171.0
INFLATION ADJUSTMENT:						3.0	-	-	-	3.0	-	3.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: 1, 3, 6 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: S766 ESTIMATED PROJECT COST		
PROJECT TITLE: Fire Station Signals										DESIGN 29.0 RIGHT-OF-WAY - CONSTRUCTION - OTHER - INFLATION - PROJECT TOTAL 29.0		
DESCRIPTION: Install emergency fire signals at the following locations to assist emergency vehicles in gaining access to the street and freeway systems during alarms: Fire Station 4 on Grant at Dragon/I-10 and Fire Station 5 on Grant near Treat Street.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Pima Association of Governments	13H	22.0	7.0	-	7.0	-	-	-	-	7.0	-	29.0
TOTAL		22.0	7.0	-	7.0	-	-	-	-	7.0	-	29.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: Citywide START DATE: 7/90 END DATE: Annual				PROJECT NUMBER: S803 <u>ESTIMATED PROJECT COST</u> DESIGN 100.0 RIGHT-OF-WAY - CONSTRUCTION 1,142.0 OTHER - INFLATION 63.0 PROJECT TOTAL 1,305.0		
PROJECT TITLE: Intelligent Transportation System Upgrades DESCRIPTION: Design and construct upgrades to the Intelligent Transportation System (ITS) as recommended in the 1997 Communications Study. Programmed upgrades include installation of fiber optic cable on Valencia Road from Sixth Avenue to Tucson Boulevard, from the Transportation Control Center to Pima Association of Governments and the University of Arizona, on Speedway Boulevard from Alvernon Way to Kolb Road, on Kolb Road from Golf Links Road to Tanque Verde Road, and on Wilmot Road from Golf Links to Pima Street.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	-	20.0	100.0	120.0	100.0	101.0	-	-	321.0	-	321.0
Pima Association of Governments	13H	-	55.0	-	55.0	-	-	-	-	55.0	-	55.0
Federal Highway Administration Funds	91	-	-	175.0	175.0	180.0	186.0	191.0	197.0	929.0	-	929.0
TOTAL			-	75.0	350.0	280.0	287.0	191.0	197.0	1,305.0	-	1,305.0
INFLATION ADJUSTMENT:						8.0	17.0	16.0	22.0	63.0	-	63.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: Citywide START DATE: 7/01 END DATE: 6/03				PROJECT NUMBER: S820 <u>ESTIMATED PROJECT COST</u> DESIGN 250.0 RIGHT-OF-WAY - CONSTRUCTION 985.0 OTHER - INFLATION 15.0 PROJECT TOTAL 1,250.0		
PROJECT TITLE: Intelligent Transportation Systems - Emergency Room Link DESCRIPTION: Construct an audio/video system to transmit patient's critical vital signs to an emergency room from the paramedic vehicle. The system will assist in reducing medical diagnostic time, accelerate the clearing of accident scenes, improve emergency care, and reduce incident delay and the potential for secondary accidents.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Federal Highway Administration Funds	91	-	-	750.0	750.0	500.0	-	-	-	1,250.0	-	1,250.0
TOTAL			-	-	750.0	500.0	-	-	-	1,250.0	-	1,250.0
INFLATION ADJUSTMENT:						15.0	-	-	-	15.0	-	15.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: Citywide START DATE: 7/95 END DATE: 6/03				PROJECT NUMBER: S758 ESTIMATED PROJECT COST DESIGN 36.2 RIGHT-OF-WAY - CONSTRUCTION 936.3 OTHER 28.6 INFLATION 3.0 PROJECT TOTAL 1,004.1					
PROJECT TITLE: Living Transportation Laboratory DESCRIPTION: Design and construct improvements for the Living Transportation Laboratory in conjunction with the University of Arizona College of Engineering and Mines. Programmed improvements include modifications to existing traffic, electrical, and communications system facilities to implement and test the Real-time Hierarchical Optimized Distributed Effective System (RHODES) and other Advanced Traffic and Logistics Algorithms and Systems (ATLAS) research, the integration of route advisory and traffic signal coordination, and preemption for emergency services and transit priority.															
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT			
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006						
Highway User Revenue Fund	15	138.5	20.0	106.0	126.0	108.0	-	-	-	234.0	-	372.5			
Highway User Revenue Fund - Restricted	17	187.4	-	-	-	-	-	-	-	-	-	187.4			
1984 Street and Highway Revenue Bonds	29	129.6	-	-	-	-	-	-	-	-	-	129.6			
1994 Street and Highway Revenue Bonds Series A	32	2.0	-	-	-	-	-	-	-	-	-	2.0			
1994 Street and Highway Revenue Bonds Series C	34	142.6	-	-	-	-	-	-	-	-	-	142.6			
1994 Street and Highway Revenue Bonds Series D	35	9.9	-	-	-	-	-	-	-	-	-	9.9			
1994 Street and Highway Revenue Bonds Series E	31	160.1	-	-	-	-	-	-	-	-	-	160.1			
TOTAL			770.1	20.0	106.0	126.0	108.0	-	-	-	234.0	-	1,004.1		
INFLATION ADJUSTMENT:						3.0	-	-	-	3.0	-	3.0			
ANNUAL OPERATING COST:						-	-	15.0	15.0	15.0	15.0	60.0	-		

DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: Citywide START DATE: 07/00 END DATE: Annual				PROJECT NUMBER: S830 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION 4,003.0 OTHER - INFLATION 211.0 PROJECT TOTAL 4,214.0					
PROJECT TITLE: Machine Vision Video Detection System Upgrades DESCRIPTION: Upgrade the vehicle detection system at traffic signals from wire loops embedded in the road to a machine vision video detection to allow for visual monitoring of traffic by traffic engineering and emergency service personnel and the use of new adaptive traffic control system technology. Approximately 40 of the city's 335 signalized intersections are already equipped with this technology. Funding in Fiscal Year 2002 will provide for the upgrade of seven additional intersections. Scheduled upgrades will be increased to between 35 and 40 intersections in each of the following years.															
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT			
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006						
Highway User Revenue Fund	15	-	50.0	292.0	342.0	372.0	-	-	-	714.0	-	714.0			
2000 Street and Highway Revenue Bonds Series A	30	-	-	-	-	1,167.0	1,167.0	1,166.0	-	3,500.0	-	3,500.0			
TOTAL			-	50.0	292.0	342.0	1,539.0	1,167.0	1,166.0	-	4,214.0	-	4,214.0		
INFLATION ADJUSTMENT:						45.0	67.0	99.0	-	211.0	-	211.0			
ANNUAL OPERATING COST:						-	-	-	-	-	-	-			

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Traffic Signals (4056)							WARD: Citywide				PROJECT NUMBER: S800		
PROJECT TITLE: Miscellaneous Traffic Improvements							START DATE: 7/97				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct traffic modifications, including signal island construction, vehicle detection systems, bicycle detection systems, neighborhood traffic management improvements, and traffic signal islands and channelization. Programmed improvements include the construction of bicycle detection on the Third Street Bikeway, construction of pedestrian islands and other channelization improvements at various locations, development of traffic control device MapGuide layers, and city contributions to neighborhood traffic mitigation projects.							END DATE: 6/03				DESIGN 36.4 RIGHT-OF-WAY - CONSTRUCTION 654.6 OTHER - INFLATION 4.0 PROJECT TOTAL 695.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Highway User Revenue Fund	15	12.0	10.0	161.0	171.0	151.0	-	-	-	322.0	-	334.0	
Highway User Revenue Fund - Restricted	17	5.0	-	-	-	-	-	-	-	-	-	5.0	
1994 Street and Highway Revenue Bonds Series C	34	135.4	-	-	-	-	-	-	-	-	-	135.4	
1994 Street and Highway Revenue Bonds Series D	35	159.3	-	-	-	-	-	-	-	-	-	159.3	
1994 Street and Highway Revenue Bonds Series E	31	61.3	-	-	-	-	-	-	-	-	-	61.3	
TOTAL			373.0	10.0	161.0	171.0	151.0	-	-	-	322.0	695.0	
INFLATION ADJUSTMENT:							4.0	-	-	-	4.0	4.0	
ANNUAL OPERATING COST:							-	-	-	-	-	-	

DEPARTMENT: Transportation - Traffic Signals (4056)							WARD: 3				PROJECT NUMBER: S812		
PROJECT TITLE: Roger Road/Fairview Avenue Traffic Signal Improvement							START DATE: 7/00				ESTIMATED PROJECT COST		
DESCRIPTION: Construct a traffic signal at the intersection of Roger Road and Fairview Road. The intersection is currently an all-way stop and meets the guidelines for consideration of a traffic signal. Because two of the approaches are in Pima County, Pima County will reimburse the City of Tucson for 50% of the construction costs. This project was designed in Fiscal Year 2001 at Mayor and Council request. The relocation of Western Area Power Administration poles may affect project schedule.							END DATE: 6/03				DESIGN 5.0 RIGHT-OF-WAY - CONSTRUCTION 546.0 OTHER - INFLATION 10.0 PROJECT TOTAL 561.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Highway User Revenue Fund	15	-	-	73.0	73.0	-	-	-	-	73.0	-	73.0	
Highway User Revenue Fund - Restricted	17	5.0	-	-	-	-	-	-	-	-	-	5.0	
Pima County Contributions	13P	75.0	-	-	-	206.0	-	-	-	206.0	-	281.0	
1994 Street and Highway Revenue Bonds Series E	31	75.0	-	-	-	-	-	-	-	-	-	75.0	
Unfunded Requirements	100	-	-	-	-	127.0	-	-	-	127.0	-	127.0	
TOTAL			155.0	-	73.0	73.0	333.0	-	-	-	406.0	561.0	
INFLATION ADJUSTMENT:							10.0	-	-	-	10.0	10.0	
ANNUAL OPERATING COST:							-	-	-	-	-	-	

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: Citywide START DATE: 7/00 END DATE: Annual				PROJECT NUMBER: S764 <u>ESTIMATED PROJECT COST</u> DESIGN 11.0 RIGHT-OF-WAY - CONSTRUCTION 381.0 OTHER - INFLATION 18.0 PROJECT TOTAL 410.0							
PROJECT TITLE: School Flasher Construction DESCRIPTION: Design and construct jointly-funded school flashers as requested by school districts. A pedestrian-activated alternate flashing red light system is planned for the intersection of Harrison Road and Fifth Street in Fiscal Year 2002.																	
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT					
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006								
Highway User Revenue Fund	15	-	10.0	30.0	40.0	30.0	-	-	-	70.0	-	70.0					
TUSD Contributions	13T	-	100.0	30.0	130.0	30.0	30.0	30.0	30.0	250.0	-	250.0					
Unfunded Requirements	100	-	-	-	-	-	30.0	30.0	30.0	90.0	-	90.0					
TOTAL			-	110.0	60.0	170.0	60.0	60.0	60.0	60.0	410.0	-	410.0				
INFLATION ADJUSTMENT:						2.0		4.0	6.0	6.0	18.0	-	18.0				
ANNUAL OPERATING COST:						-		-	-	-	-	-	-				

DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: 2, 6 START DATE: 7/97 END DATE: 6/03				PROJECT NUMBER: S815 <u>ESTIMATED PROJECT COST</u> DESIGN 12.1 RIGHT-OF-WAY - CONSTRUCTION 338.8 OTHER - INFLATION 5.0 PROJECT TOTAL 355.9							
PROJECT TITLE: Tanque Verde Road/Pima Street and Wilmot Road Intersection Improvement DESCRIPTION: Design and construct a geometric improvement to the intersection of Tanque Verde Road/Pima Road and Wilmot Road. The redesign of the intersection is expected to reduce traffic accidents caused by high-speed turning and merging traffic which have been violating existing traffic control devices.																	
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT					
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006								
Highway User Revenue Fund	15	30.0	-	-	-	-	-	-	-	-	-	30.0					
Highway User Revenue Fund - Restricted	17	78.0	-	-	-	-	-	-	-	-	-	78.0					
1994 Street and Highway Revenue Bonds Series C	34	60.1	-	-	-	-	-	-	-	-	-	60.1					
1994 Street and Highway Revenue Bonds Series D	35	7.8	-	-	-	-	-	-	-	-	-	7.8					
Unfunded Requirements	100	-	-	-	-	180.0	-	-	-	180.0	-	180.0					
TOTAL			175.9	-	-	-	180.0	-	-	-	180.0	-	355.9				
INFLATION ADJUSTMENT:						5.0		-	-	-	5.0	-	5.0				
ANNUAL OPERATING COST:						-		-	-	-	-	-	-				

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: Citywide START DATE: 7/97 END DATE: 6/03				PROJECT NUMBER: S807 <u>ESTIMATED PROJECT COST</u> DESIGN 106.4 RIGHT-OF-WAY - CONSTRUCTION 628.0 OTHER 0.1 INFLATION 2.0 PROJECT TOTAL 736.5					
PROJECT TITLE: Traffic Flasher Construction DESCRIPTION: Design and construct stop sign flashers, intersection beacons, pedestrian-activated red light systems, and in-pavement flashers at pedestrian crossings. Fiscal Years 2002 and 2003 include the conversion of yellow flashing signals to pedestrian-activated, red light systems at Grant Road at Fifteenth Avenue and Broadway at Niven, and a pedestrian/bicycle crossing on Stone at University.															
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT			
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006						
Highway User Revenue Fund	15	138.3	-	200.0	200.0	52.0	-	-	-	252.0	-	390.3			
Highway User Revenue Fund - Restricted	17	22.2	-	-	-	-	-	-	-	-	-	22.2			
1994 Street and Highway Revenue Bonds Series C	34	129.0	-	-	-	-	-	-	-	-	-	129.0			
1994 Street and Highway Revenue Bonds Series D	35	195.0	-	-	-	-	-	-	-	-	-	195.0			
TOTAL			484.5	-	200.0	200.0	52.0	-	-	-	252.0	-	736.5		
INFLATION ADJUSTMENT:						2.0	-	-	-	2.0	-	2.0			
ANNUAL OPERATING COST:						-	-	-	-	-	-	-			

DEPARTMENT: Transportation - Traffic Signals (4056)						WARD: Citywide START DATE: 7/96 END DATE: 6/03				PROJECT NUMBER: S762 <u>ESTIMATED PROJECT COST</u> DESIGN 186.0 RIGHT-OF-WAY - CONSTRUCTION 1,389.5 OTHER - INFLATION 3.0 PROJECT TOTAL 1,578.5					
PROJECT TITLE: Traffic Signal Construction DESCRIPTION: Design and construct traffic signals at locations that warrant a signal based on volume count studies and projected growth. Fiscal Year 2002 programming includes signal improvements at Ironwood and Greasewood, 36th Street and Country Club, and Midvale at Irvington, and signal improvements at Houghton Road/Rita Road and Houghton/Valencia. Programmed in Fiscal Year 2003 is a signal improvement at Houghton/Escalante.															
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT			
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006						
Highway User Revenue Fund	15	87.2	30.0	390.0	420.0	84.0	-	-	-	504.0	-	591.2			
Highway User Revenue Fund - Restricted	17	280.6	-	-	-	-	-	-	-	-	-	280.6			
Capital Agreements Fund	13	25.2	-	38.0	38.0	31.0	-	-	-	69.0	-	94.2			
1994 Street and Highway Revenue Bonds Series A	32	45.1	-	-	-	-	-	-	-	-	-	45.1			
1994 Street and Highway Revenue Bonds Series B	33	97.0	-	-	-	-	-	-	-	-	-	97.0			
1994 Street and Highway Revenue Bonds Series E	31	470.4	-	-	-	-	-	-	-	-	-	470.4			
TOTAL			1,005.5	30.0	428.0	458.0	115.0	-	-	-	573.0	-	1,578.5		
INFLATION ADJUSTMENT:						3.0	-	-	-	3.0	-	3.0			
ANNUAL OPERATING COST:						-	-	-	-	-	-	-			

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Traffic Signals (4056) PROJECT TITLE: Traffic Signal Control Equipment Upgrades DESCRIPTION: Upgrade traffic signal and control center equipment to National Transportation Communications standards for Intelligent Transportation Systems Protocol. Programmed funding includes the local match for the Pima Association of Governments' project for a regional update of controller systems.					WARD: Citywide START DATE: 7/01 END DATE: Annual					PROJECT NUMBER: S802 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION 772.0 OTHER - INFLATION 48.0 PROJECT TOTAL 820.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	-	12.0	52.0	64.0	54.0	55.0	57.0	59.0	289.0	-	289.0
Federal Highway Administration Funds	91	-	-	100.0	100.0	103.0	106.0	109.0	113.0	531.0	-	531.0
TOTAL		-	12.0	152.0	164.0	157.0	161.0	166.0	172.0	820.0	-	820.0
INFLATION ADJUSTMENT:						5.0	9.0	14.0	20.0	48.0	-	48.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Traffic Signals (4056) PROJECT TITLE: Traffic Signal Conversions DESCRIPTION: Convert traffic signals to light emitting diode (LED) technology to reduce power consumption, maintenance, and relamping costs. To complete this program within three years, an average of 110 intersections would be converted each year at approximately \$4,500 per intersection.					WARD: Citywide START DATE: 7/02 END DATE: 6/05					PROJECT NUMBER: S826 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION 1,414.0 OTHER - INFLATION 86.0 PROJECT TOTAL 1,500.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Street and Highway Revenue Bonds Series A	30	-	-	-	-	500.0	501.0	499.0	-	1,500.0	-	1,500.0
TOTAL		-	-	-	-	500.0	501.0	499.0	-	1,500.0	-	1,500.0
INFLATION ADJUSTMENT:						15.0	29.0	42.0	-	86.0	-	86.0
ANNUAL OPERATING COST:						(92.7)	(139.0)	(185.4)	(185.4)	(602.5)	-	-

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Traffic Signals (4056)							WARD: Citywide START DATE: 7/99 END DATE: 6/03				PROJECT NUMBER: S801 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION 608.0 OTHER - INFLATION 5.0 PROJECT TOTAL 613.0		
PROJECT TITLE: Traffic Signal Upgrades		DESCRIPTION: Upgrade existing traffic signals. Scheduled improvements include safety improvements at 5th Street and Wilmot, 6th Avenue and Speedway, 5th Street at Columbus, and Speedway and 4th Avenue. Wooden poles at Speedway and Harrison will be converted to steel poles.											
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS					FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Highway User Revenue Fund	15	-	-	300.0	300.0	155.0	-	-	-	-	455.0	-	455.0
1994 Street and Highway Revenue Bonds Series C	34	42.3	-	-	-	-	-	-	-	-	-	-	42.3
1994 Street and Highway Revenue Bonds Series D	35	77.3	-	-	-	-	-	-	-	-	-	-	77.3
1994 Street and Highway Revenue Bonds Series E	31	38.4	-	-	-	-	-	-	-	-	-	-	38.4
TOTAL			158.0	-	300.0	300.0	155.0	-	-	-	455.0	-	613.0
INFLATION ADJUSTMENT:						5.0	-	-	-	-	5.0	-	5.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	-

DEPARTMENT: Transportation - Traffic Signals (4056)							WARD: Citywide START DATE: 7/97 END DATE: 6/03				PROJECT NUMBER: S804 <u>ESTIMATED PROJECT COST</u> DESIGN 35.8 RIGHT-OF-WAY - CONSTRUCTION 482.4 OTHER - INFLATION 5.0 PROJECT TOTAL 523.2		
PROJECT TITLE: Turn Signal Modifications and Geometrics		DESCRIPTION: Design and construct miscellaneous turn signal modifications at intersections identified as requiring safety or efficiency improvements. Projects for Fiscal Year 2002 include construction of turn signal modifications at Sixth Street and Euclid, Granada at Alameda, and Granada at Broadway/Congress. Projects for Fiscal Year 2003 include the design of turn signal modifications at Congress Street and Grande Avenue and a turn signal modification at Broadway and Harrison.											
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS					FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Highway User Revenue Fund	15	94.2	-	128.0	128.0	155.0	-	-	-	-	283.0	-	377.2
Highway User Revenue Fund - Restricted	17	64.5	-	-	-	-	-	-	-	-	-	-	64.5
1994 Street and Highway Revenue Bonds Series A	32	1.3	-	-	-	-	-	-	-	-	-	-	1.3
1994 Street and Highway Revenue Bonds Series C	34	10.2	-	-	-	-	-	-	-	-	-	-	10.2
1994 Street and Highway Revenue Bonds Series D	35	70.0	-	-	-	-	-	-	-	-	-	-	70.0
TOTAL			240.2	-	128.0	128.0	155.0	-	-	-	283.0	-	523.2
INFLATION ADJUSTMENT:						5.0	-	-	-	-	5.0	-	5.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	-

**DEPARTMENTAL CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY2006

DEPARTMENT: Transportation

FIVE-YEAR TOTAL: \$ 136,717,000

PROGRAM AREA: Public Transit

The Public Transit program is focused on the development and renewal of the equipment and infrastructure needed to provide an efficient and accessible public transit service -

- *Fleet Replacement:* Over the five-year program, \$63.1 million is included for the replacement of Sun Tran buses: \$35.3 million funded with federal grants and local match, and \$27.8 million unfunded. New buses with lower overall maintenance costs reduce operating expenditures. The continued replacement of older diesel buses with environmentally cleaner compressed natural gas (CNG) lift-equipped vehicles is important to support the city's efforts to improve air quality and to provide transit travel opportunities for all residents.
- *Downtown Intermodal Center:* The Downtown Intermodal Center will preserve the historic train depot in the eastern part of downtown Tucson and provide linkages between various travel modes, including inner city/intercity buses, extensions of the Old Pueblo Trolley, possible future rail systems, and other transportation. This project consists of master planning efforts and construction, with completion anticipated in 12 years, if funding can be secured.
- *Sun Tran Bus Storage and Maintenance Facility:* The Sun Tran Bus Storage and Maintenance Facility is to be located in the vicinity of Prince Road and Romero Road. In combination with the existing facility, the Sun Tran Bus Storage and Maintenance Facility will provide for the operational and maintenance needs of Sun Tran. Current facilities are operating beyond the designed capacity. This project consists of the design and construction of a new facility, which will include fueling, vehicle storage, operations, day care, administration, and maintenance components. Completion of the first phase is scheduled for June 2005, contingent upon receiving future federal grants. Subsequent phases, shown as unfunded, are dependent on grants.

The funded portion of the five-year Public Transit program, approximately 55%, totals \$75.6 million. This funding is primarily from federal grants, which provide from 80% to 96% of project costs. Unfunded projects in the five-year program total \$61.1 million or 45% of the total. These unfunded projects include replacement buses and completion of the downtown intermodal center and the new Sun Tran maintenance facility.

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Americans with Disabilities Act Pedestrian Access	B - 199	-	50.0	100.0	150.0	50.0	50.0	50.0	50.0	350.0	-	350.0
Mass Transit Section 9		-	40.0	80.0	120.0	40.0	40.0	40.0	40.0	280.0	-	280.0
Mass Transit Section 9 - Local		-	10.0	20.0	30.0	10.0	10.0	10.0	10.0	70.0	-	70.0
Automated Vehicle Location - Radio System	B - 199	-	-	-	-	2,500.0	300.0	300.0	320.0	3,420.0	-	3,420.0
Mass Transit Section 9		-	-	-	-	2,000.0	240.0	240.0	256.0	2,736.0	-	2,736.0
Mass Transit Section 9 - Local		-	-	-	-	500.0	60.0	60.0	64.0	684.0	-	684.0
Automated Vehicle Location System Kiosks	B - 200	75.0	175.0	-	175.0	-	-	-	-	175.0	-	250.0
Mass Transit Section 9		60.0	140.0	-	140.0	-	-	-	-	140.0	-	200.0
Mass Transit Section 9 - Local		15.0	35.0	-	35.0	-	-	-	-	35.0	-	50.0
Automated Vehicle Location System Upgrades	B - 200	68.9	124.0	-	124.0	-	-	-	-	124.0	-	192.9
Mass Transit Section 9		36.6	99.2	-	99.2	-	-	-	-	99.2	-	135.8
Mass Transit Section 9 - Local		32.3	24.8	-	24.8	-	-	-	-	24.8	-	57.1
Building Acquisition - Transit Headquarters	B - 201	-	-	300.0	300.0	200.0	100.0	-	-	600.0	-	600.0
Mass Transit Surface Transportation Program		-	-	300.0	300.0	-	-	-	-	300.0	-	300.0
Unfunded Requirements		-	-	-	-	200.0	100.0	-	-	300.0	-	300.0
Building and Equipment - Sun Tran	B - 201	-	-	140.0	140.0	160.0	190.0	220.0	250.0	960.0	-	960.0
Mass Transit Section 9		-	-	112.0	112.0	128.0	152.0	176.0	200.0	768.0	-	768.0
Mass Transit Section 9 - Local		-	-	28.0	28.0	32.0	38.0	44.0	50.0	192.0	-	192.0
Building and Equipment - Van Tran	B - 202	-	-	130.0	130.0	150.0	170.0	200.0	225.0	875.0	-	875.0
Mass Transit Section 9		-	-	104.0	104.0	120.0	136.0	160.0	180.0	700.0	-	700.0
Mass Transit Section 9 - Local		-	-	26.0	26.0	30.0	34.0	40.0	45.0	175.0	-	175.0
Building and Equipment, 2000 Grant	B - 202	358.0	333.0	-	333.0	-	-	-	-	333.0	-	691.0
Mass Transit Section 9		286.6	266.4	-	266.4	-	-	-	-	266.4	-	553.0
Mass Transit Section 9 - Local		71.4	66.6	-	66.6	-	-	-	-	66.6	-	138.0
Bus Scheduling System	B - 203	139.5	89.0	-	89.0	-	-	-	-	89.0	-	228.5
Mass Transit Section 9		46.3	71.2	-	71.2	-	-	-	-	71.2	-	117.5
Mass Transit Section 9 - Local		93.2	17.8	-	17.8	-	-	-	-	17.8	-	111.0

Transportation
DEPARTMENT

Public Transit
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Cherry Avenue Transit Hub, Phase I	B - 203	86.0	160.0	175.0	335.0	-	-	-	-	335.0	-	421.0
Mass Transit Section 9		68.8	128.0	140.0	268.0	-	-	-	-	268.0	-	336.8
Mass Transit Section 9 - Local		17.2	32.0	35.0	67.0	-	-	-	-	67.0	-	84.2
Cherry Avenue Transit Hub, Phase II	B - 204	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0
Mass Transit Section 9		-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Mass Transit Section 9 - Local		-	-	50.0	50.0	-	-	-	-	50.0	-	50.0
Compressed Natural Gas Facility Improvements	B - 204	140.0	260.0	-	260.0	-	-	-	-	260.0	-	400.0
Mass Transit Section 9		112.0	208.0	-	208.0	-	-	-	-	208.0	-	320.0
Mass Transit Section 9 - Local		28.0	52.0	-	52.0	-	-	-	-	52.0	-	80.0
Dial-a-Ride Communications System	B - 205	4,134.0	17.0	-	17.0	-	-	-	-	17.0	-	4,151.0
Mass Transit Section 3		3,309.3	13.6	-	13.6	-	-	-	-	13.6	-	3,322.9
Mass Transit Section 3 - Local		824.7	3.4	-	3.4	-	-	-	-	3.4	-	828.1
Downtown Intermodal Center (Union Pacific Depot)	B - 205	4,202.7	-	2,000.0	2,000.0	1,000.0	3,000.0	1,000.0	2,000.0	9,000.0	-	13,202.7
General Fund		287.6	-	-	-	-	-	-	-	-	-	287.6
Highway User Revenue Fund		1,623.1	-	-	-	-	-	-	-	-	-	1,623.1
Mass Transit Section 3		977.0	-	2,000.0	2,000.0	-	-	-	-	2,000.0	-	2,977.0
Pima Association of Governments		1,315.0	-	-	-	-	-	-	-	-	-	1,315.0
Unfunded Requirements		-	-	-	-	1,000.0	3,000.0	1,000.0	2,000.0	7,000.0	-	7,000.0
El Con Mall/Broadway Boulevard Transit Improvements	B - 206	-	-	-	-	125.0	-	-	-	125.0	-	125.0
Mass Transit Section 9		-	-	-	-	100.0	-	-	-	100.0	-	100.0
Mass Transit Section 9 - Local		-	-	-	-	25.0	-	-	-	25.0	-	25.0
Engine Replacement Program	B - 206	-	-	150.0	150.0	1,061.0	1,093.0	1,125.0	1,159.0	4,588.0	-	4,588.0
Mass Transit Surface Transportation Program		-	-	141.0	141.0	1,000.0	1,030.0	1,061.0	1,093.0	4,325.0	-	4,325.0
Mass Transit Surface Transportation Program - Local		-	-	9.0	9.0	61.0	63.0	64.0	66.0	263.0	-	263.0
					-					-		-
Management Information and Communications - Transit Services Administration	B - 207	-	-	52.0	52.0	53.0	55.0	57.0	58.0	275.0	-	275.0
Mass Transit Surface Transportation Program		-	-	49.0	49.0	50.0	52.0	54.0	55.0	260.0	-	260.0
Mass Transit Surface Transportation Program - Local		-	-	3.0	3.0	3.0	3.0	3.0	3.0	15.0	-	15.0
					-					-		-

Transportation
DEPARTMENT

Public Transit
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Management Information and Communications - Sun Tran	B - 207	-	-	120.0	120.0	125.0	130.0	135.0	140.0	650.0	-	650.0
Mass Transit Section 9		-	-	96.0	96.0	100.0	104.0	108.0	112.0	520.0	-	520.0
Mass Transit Section 9 - Local		-	-	24.0	24.0	25.0	26.0	27.0	28.0	130.0	-	130.0
Management Information and Communications - Van Tran	B - 208	-	-	350.0	350.0	150.0	155.0	160.0	165.0	980.0	-	980.0
Mass Transit Section 9		-	-	280.0	280.0	120.0	124.0	128.0	132.0	784.0	-	784.0
Mass Transit Section 9 - Local		-	-	70.0	70.0	30.0	31.0	32.0	33.0	196.0	-	196.0
Management Information and Communications System, 2000 Grant	B - 208	175.0	115.0	-	115.0	-	-	-	-	115.0	-	290.0
Mass Transit Section 9		140.0	92.0	-	92.0	-	-	-	-	92.0	-	232.0
Mass Transit Section 9 - Local		35.0	23.0	-	23.0	-	-	-	-	23.0	-	58.0
Municipal Alternative Fuel Grant	B - 209	210.0	59.5	-	59.5	-	-	-	-	59.5	-	269.5
Mass Transit - State Grants		210.0	59.5	-	59.5	-	-	-	-	59.5	-	269.5
On-Board Security Systems	B - 209	-	-	1,106.0	1,106.0	-	-	-	-	1,106.0	-	1,106.0
Mass Transit Section 9		-	-	885.0	885.0	-	-	-	-	885.0	-	885.0
Mass Transit Section 9 - Local		-	-	221.0	221.0	-	-	-	-	221.0	-	221.0
Pima Community College Cooperative Transit Projects	B - 210	649.0	-	300.0	300.0	129.0	175.0	160.0	141.0	905.0	-	1,554.0
Highway User Revenue Fund		28.5	-	60.0	60.0	-	-	-	-	60.0	-	88.5
Mass Transit Section 9		103.3	-	240.0	240.0	103.0	140.0	128.0	113.0	724.0	-	827.3
Mass Transit Section 9 - Local		26.5	-	-	-	26.0	35.0	32.0	28.0	121.0	-	147.5
Mass Transit Surface Transportation Program		490.7	-	-	-	-	-	-	-	-	-	490.7
Program Support and Administration	B - 210	-	-	215.0	215.0	300.0	300.0	300.0	300.0	1,415.0	-	1,415.0
Mass Transit Section 9		-	-	172.0	172.0	240.0	240.0	240.0	240.0	1,132.0	-	1,132.0
Mass Transit Section 9 - Local		-	-	43.0	43.0	60.0	60.0	60.0	60.0	283.0	-	283.0
Project Development	B - 211	-	-	75.0	75.0	150.0	150.0	150.0	150.0	675.0	-	675.0
Mass Transit Section 9		-	-	60.0	60.0	120.0	120.0	120.0	120.0	540.0	-	540.0
Mass Transit Section 9 - Local		-	-	15.0	15.0	30.0	30.0	30.0	30.0	135.0	-	135.0

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FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Renovate Sun Tran Administrative and Maintenance Facility	B - 211	534.8	76.0	-	76.0	-	-	-	-	76.0	-	610.8
Mass Transit Surface Transportation Program		496.1	71.6	-	71.6	-	-	-	-	71.6	-	567.7
Mass Transit Surface Transportation Program - Local		38.7	4.4	-	4.4	-	-	-	-	4.4	-	43.1
			-	-	-	-	-	-	-	-	-	-
Replacement Buses for Sun Tran: Section 3, Surface Transportation, and State Grants	B - 212	-	4,924.5	1,250.0	6,174.5	-	-	-	-	6,174.5	-	6,174.5
Mass Transit - State Grants		-	368.5	-	368.5	-	-	-	-	368.5	-	368.5
Mass Transit Section 3		-	3,486.0	1,000.0	4,486.0	-	-	-	-	4,486.0	-	4,486.0
Mass Transit Section 3 - Local		-	873.0	250.0	1,123.0	-	-	-	-	1,123.0	-	1,123.0
Mass Transit Surface Transportation Program		-	186.0	-	186.0	-	-	-	-	186.0	-	186.0
Mass Transit Surface Transportation Program - Local		-	11.0	-	11.0	-	-	-	-	11.0	-	11.0
			-	-	-	-	-	-	-	-	-	-
Replacement Buses for Sun Tran: Section 9 Grants and Unfunded	B - 212	-	4,417.0	1,900.0	6,317.0	16,235.0	15,790.0	7,210.0	11,389.0	56,941.0	-	56,941.0
Mass Transit Section 9		-	3,533.0	1,520.0	5,053.0	2,800.0	4,760.0	5,768.0	4,940.0	23,321.0	-	23,321.0
Mass Transit Section 9 - Local		-	884.0	380.0	1,264.0	700.0	1,190.0	1,442.0	1,235.0	5,831.0	-	5,831.0
Unfunded Requirements		-	-	-	-	12,735.0	9,840.0	-	5,214.0	27,789.0	-	27,789.0
Replacement of Brick Pavers	B - 213	118.6	48.0	-	48.0	-	-	-	-	48.0	-	166.6
Mass Transit Section 9		94.2	38.4	-	38.4	-	-	-	-	38.4	-	132.6
Mass Transit Section 9 - Local		24.4	9.6	-	9.6	-	-	-	-	9.6	-	34.0
Replacement Vans for Van Tran	B - 213	-	1,800.0	2,496.0	4,296.0	1,910.0	1,967.0	945.0	2,109.0	11,227.0	-	11,227.0
Mass Transit Section 9		-	1,440.0	1,997.0	3,437.0	1,528.0	1,574.0	756.0	1,687.0	8,982.0	-	8,982.0
Mass Transit Section 9 - Local		-	360.0	499.0	859.0	382.0	393.0	189.0	422.0	2,245.0	-	2,245.0
Shop Tools and Equipment - Sun Tran	B - 214	-	-	1,267.0	1,267.0	600.0	636.0	656.0	675.0	3,834.0	-	3,834.0
Mass Transit Section 9		-	-	1,014.0	1,014.0	480.0	509.0	525.0	540.0	3,068.0	-	3,068.0
Mass Transit Section 9 - Local		-	-	253.0	253.0	120.0	127.0	131.0	135.0	766.0	-	766.0
Sun Tran Bus Storage and Maintenance Facility	B - 214	3,693.3	650.0	1,600.0	2,250.0	2,000.0	10,000.0	10,000.0	4,057.0	28,307.0	-	32,000.3
Mass Transit Section 3		343.3	-	-	-	-	-	-	-	-	-	343.3
Mass Transit Section 9		-	-	1,600.0	1,600.0	-	-	-	-	1,600.0	-	1,600.0
1994 General Obligation Bonds Series B		1,700.0	-	-	-	-	-	-	-	-	-	1,700.0
1994 General Obligation Bonds Series D		1,650.0	650.0	-	650.0	-	-	-	-	650.0	-	2,300.0
Unfunded Requirements		-	-	-	-	2,000.0	10,000.0	10,000.0	4,057.0	26,057.0	-	26,057.0

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Support Vehicles - Sun Tran, 2000 Grant	B - 215	-	60.0	-	60.0	-	-	-	-	60.0	-	60.0
Mass Transit Section 9		-	48.0	-	48.0	-	-	-	-	48.0	-	48.0
Mass Transit Section 9 - Local		-	12.0	-	12.0	-	-	-	-	12.0	-	12.0
Support Vehicles - Sun Tran	B - 215	-	-	87.0	87.0	125.0	128.0	132.0	136.0	608.0	-	608.0
Mass Transit Section 9		-	-	70.0	70.0	100.0	103.0	106.0	109.0	488.0	-	488.0
Mass Transit Section 9 - Local		-	-	17.0	17.0	25.0	25.0	26.0	27.0	120.0	-	120.0
Support Vehicles - Van Tran	B - 216	-	-	120.0	120.0	-	26.0	-	116.0	262.0	-	262.0
Mass Transit Section 9		-	-	96.0	96.0	-	22.0	-	92.0	210.0	-	210.0
Mass Transit Section 9 - Local		-	-	24.0	24.0	-	4.0	-	24.0	52.0	-	52.0
Third-Party Contract Services	B - 216	80.0	220.0	-	220.0	-	-	-	-	220.0	-	300.0
Mass Transit Section 9		64.0	176.0	-	176.0	-	-	-	-	176.0	-	240.0
Mass Transit Section 9 - Local		16.0	44.0	-	44.0	-	-	-	-	44.0	-	60.0
Transit Enhancements - Future Grants	B - 217	-	-	-	-	150.0	150.0	150.0	150.0	600.0	-	600.0
Mass Transit Section 9		-	-	-	-	120.0	120.0	120.0	120.0	480.0	-	480.0
Mass Transit Section 9 - Local		-	-	-	-	30.0	30.0	30.0	30.0	120.0	-	120.0
Transit Enhancements - 2000 Grant	B - 217	-	-	129.0	129.0	-	-	-	-	129.0	-	129.0
Mass Transit Surface Transportation Program		-	-	122.0	122.0	-	-	-	-	122.0	-	122.0
University of Arizona Contributions		-	-	7.0	7.0	-	-	-	-	7.0	-	7.0
Udall Center Transit Facility	B - 218	100.0	-	300.0	300.0	50.0	-	-	-	350.0	-	450.0
Mass Transit Section 9		80.0	-	240.0	240.0	40.0	-	-	-	280.0	-	360.0
Mass Transit Section 9 - Local		20.0	-	60.0	60.0	10.0	-	-	-	70.0	-	90.0
Van Tran Day Care Facility Infant Room	B - 218	24.5	199.0	-	199.0	-	-	-	-	199.0	-	223.5
Mass Transit Section 9		16.7	159.2	-	159.2	-	-	-	-	159.2	-	175.9
Mass Transit Section 9 - Local		7.8	39.8	-	39.8	-	-	-	-	39.8	-	47.6
TOTAL		14,789.3	13,777.0	14,612.0	28,389.0	27,223.0	34,565.0	22,950.0	23,590.0	136,717.0	-	151,506.3

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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Source of Funds	Fund No.											
General Fund	01	287.6	-	-	-	-	-	-	-	-	-	287.6
Highway User Revenue Fund	15	1,651.6	-	60.0	60.0	-	-	-	-	60.0	-	1,711.6
Mass Transit - State Grants	95S	210.0	428.0	-	428.0	-	-	-	-	428.0	-	638.0
Mass Transit Section 3	95A	4,629.6	3,499.6	3,000.0	6,499.6	-	-	-	-	6,499.6	-	11,129.2
Mass Transit Section 3 - Local	95B	824.7	876.4	250.0	1,126.4	-	-	-	-	1,126.4	-	1,951.1
Mass Transit Section 9	95C	1,108.5	6,439.4	8,906.0	15,345.4	8,139.0	8,384.0	8,615.0	8,881.0	49,364.4	-	50,472.9
Mass Transit Section 9 - Local	95D	386.8	1,610.6	1,765.0	3,375.6	2,035.0	2,093.0	2,153.0	2,221.0	11,877.6	-	12,264.4
Mass Transit Surface Transportation Program	95E	986.8	257.6	612.0	869.6	1,050.0	1,082.0	1,115.0	1,148.0	5,264.6	-	6,251.4
Mass Transit Surface Transportation Program - Local	95F	38.7	15.4	12.0	27.4	64.0	66.0	67.0	69.0	293.4	-	332.1
Pima Association of Governments	13H	1,315.0	-	-	-	-	-	-	-	-	-	1,315.0
University of Arizona Contributions	13U	-	-	7.0	7.0	-	-	-	-	7.0	-	7.0
1994 General Obligation Bonds Series B	37	1,700.0	-	-	-	-	-	-	-	-	-	1,700.0
1994 General Obligation Bonds Series D	43	1,650.0	650.0	-	650.0	-	-	-	-	650.0	-	2,300.0
Unfunded Requirements	100	-	-	-	-	15,935.0	22,940.0	11,000.0	11,271.0	61,146.0	-	61,146.0
TOTAL		14,789.3	13,777.0	14,612.0	28,389.0	27,223.0	34,565.0	22,950.0	23,590.0	136,717.0	-	151,506.3
Inflation Adjustment				-	-	794.3	1,982.9	1,947.5	2,628.8	7,353.5	-	7,353.5
Annual Operating Cost				-	2.0	52.0	52.0	352.0	352.0	810.0	-	

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Public Transit (4971)						WARD: Citywide				PROJECT NUMBER: M922		
PROJECT TITLE: Americans with Disabilities Act Pedestrian Access						START DATE: 7/00				ESTIMATED PROJECT COST		
DESCRIPTION: Construct Americans with Disabilities Act (ADA) pedestrian access walkways.						END DATE: Annual				DESIGN - RIGHT-OF-WAY - CONSTRUCTION 337.5 OTHER - INFLATION 12.5 PROJECT TOTAL 350.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	40.0	80.0	120.0	40.0	40.0	40.0	40.0	280.0	-	280.0
Mass Transit Section 9 - Local	95D	-	10.0	20.0	30.0	10.0	10.0	10.0	10.0	70.0	-	70.0
TOTAL			-	50.0	100.0	50.0	50.0	50.0	50.0	350.0	-	350.0
INFLATION ADJUSTMENT:						1.3	2.4	3.5	5.3	12.5	-	12.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971)						WARD: Citywide				PROJECT NUMBER: M313		
PROJECT TITLE: Automated Vehicle Location - Radio System						START DATE: 7/02				ESTIMATED PROJECT COST		
DESCRIPTION: Acquire a new radio system component for Sun Tran's Automated Vehicle Location (AVL) system, which is currently six years old out of an expected life of eight to ten years. The AVL system is needed to comply with Americans with Disabilities Act mandates to accurately announce stops and will serve as a safety measure for drivers and riders. The new radio system would interface with the digital video recorder subsystem and provide the capability of video transmission. Because bus location information would be updated at least each second, the system could be integrated with traffic control systems to enable traffic signal pre-emption for buses.						END DATE: 4/06				DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 3,269.5 INFLATION 150.5 PROJECT TOTAL 3,420.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	-	-	-	2,000.0	240.0	240.0	256.0	2,736.0	-	2,736.0
Mass Transit Section 9 - Local	95D	-	-	-	-	500.0	60.0	60.0	64.0	684.0	-	684.0
TOTAL			-	-	-	2,500.0	300.0	300.0	320.0	3,420.0	-	3,420.0
INFLATION ADJUSTMENT:						73.0	17.0	25.0	35.5	150.5	-	150.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Public Transit (4971)						WARD: Citywide START DATE: 7/99 END DATE: 6/02				PROJECT NUMBER: M912 ESTIMATED PROJECT COST		
PROJECT TITLE: Automated Vehicle Location System Kiosks DESCRIPTION: Design and construct electronic kiosks at Sun Tran transit centers to display bus arrival information provided by the Automated Vehicle Location System.										DESIGN 210.0 RIGHT-OF-WAY - CONSTRUCTION 40.0 OTHER - INFLATION - PROJECT TOTAL 250.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	60.0	140.0	-	140.0	-	-	-	-	140.0	-	200.0
Mass Transit Section 9 - Local	95D	15.0	35.0	-	35.0	-	-	-	-	35.0	-	50.0
TOTAL		75.0	175.0	-	175.0	-	-	-	-	175.0	-	250.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						2.0	2.0	2.0	2.0	10.0	-	-

DEPARTMENT: Transportation - Public Transit (4971)						WARD: Citywide START DATE: 7/99 END DATE: 6/02				PROJECT NUMBER: M913 ESTIMATED PROJECT COST		
PROJECT TITLE: Automated Vehicle Location System Upgrades DESCRIPTION: Acquire periodic upgrades to the Automated Vehicle Location System for Sun Tran and Van Tran.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION 0.9 OTHER 192.0 INFLATION - PROJECT TOTAL 192.9		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	36.6	99.2	-	99.2	-	-	-	-	99.2	-	135.8
Mass Transit Section 9 - Local	95D	32.3	24.8	-	24.8	-	-	-	-	24.8	-	57.1
TOTAL		68.9	124.0	-	124.0	-	-	-	-	124.0	-	192.9
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Public Transit (4971)						WARD: 1 START DATE: 7/01 END DATE: 6/04				PROJECT NUMBER: M304 <u>ESTIMATED PROJECT COST</u> DESIGN		
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CAPITAL PROJECTS

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DEPARTMENT: Transportation - Public Transit (4971)					WARD: Citywide START DATE: 07/01 END DATE: Annual					PROJECT NUMBER: M314 ESTIMATED PROJECT COST		
PROJECT TITLE: Building and Equipment - Van Tran DESCRIPTION: Construct improvements and acquire equipment for Van Tran Facilities. Building and equipment projects include a fire suppression system for the computer server room and a hot water pressure washer for the wash bay.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 818.5 INFLATION 56.5 PROJECT TOTAL 875.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	-	104.0	104.0	120.0	136.0	160.0	180.0	700.0	-	700.0
Mass Transit Section 9 - Local	95D	-	-	26.0	26.0	30.0	34.0	40.0	45.0	175.0	-	175.0
TOTAL					130.0	150.0	170.0	200.0	225.0	875.0	-	875.0
INFLATION ADJUSTMENT:						4.5	10.0	17.0	25.0	56.5	-	56.5
ANNUAL OPERATING COST:					-	-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971)					WARD: Citywide START DATE: 7/01 END DATE: 6/02					PROJECT NUMBER: M209 ESTIMATED PROJECT COST		
PROJECT TITLE: Building and Equipment, 2000 Grant DESCRIPTION: Construct improvements and acquire equipment for Sun Tran and Van Tran facilities. Improvements for Sun Tran include shop cooler replacement, fuel island exhaust fans, park-n-ride signage, wheelchair restraints, scrubber equipment, floors and cabinets at transit centers, and repaving at the Tohono Tadaí Transit Center. Van Tran improvements include lighting in the van staging area and employee training room, fuel tank canopy, redesigned exit gate, a pressure washer, sealing and restriping of parking lots, parking canopies, resealing the shop floor, an oil tank, and air conditioning.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION 625.0 OTHER 66.0 INFLATION - PROJECT TOTAL 691.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	286.6	266.4	-	266.4	-	-	-	-	266.4	-	553.0
Mass Transit Section 9 - Local	95D	71.4	66.6	-	66.6	-	-	-	-	66.6	-	138.0
TOTAL					333.0	-	-	-	-	333.0	-	691.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:					-	-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Bus Scheduling System DESCRIPTION: Procure new software for the Sun Tran bus scheduling system, including applications for an interactive Web site, trip planning, and complaint tracking.						WARD: Citywide START DATE: 7/99 END DATE: 6/02				PROJECT NUMBER: M907 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 228.5 INFLATION - PROJECT TOTAL 228.5		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	46.3	71.2	-	71.2	-	-	-	-	71.2	-	117.5
Mass Transit Section 9 - Local	95D	93.2	17.8	-	17.8	-	-	-	-	17.8	-	111.0
TOTAL		139.5	89.0	-	89.0	-	-	-	-	89.0	-	228.5
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Cherry Avenue Transit Hub, Phase I DESCRIPTION: Design and begin construction of the Cherry Avenue Transit Hub at Cherry Avenue and the University of Arizona mall, as recommended by the University Area Circulation Study. Completion of the project is funded from a separate federal grant, which is budgeted in project M904.						WARD: 6 START DATE: 7/97 END DATE: 6/02				PROJECT NUMBER: M722 <u>ESTIMATED PROJECT COST</u> DESIGN 231.0 RIGHT-OF-WAY - CONSTRUCTION - OTHER 190.0 INFLATION - PROJECT TOTAL 421.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	68.8	128.0	140.0	268.0	-	-	-	-	268.0	-	336.8
Mass Transit Section 9 - Local	95D	17.2	32.0	35.0	67.0	-	-	-	-	67.0	-	84.2
TOTAL		86.0	160.0	175.0	335.0	-	-	-	-	335.0	-	421.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Public Transit (4971)							WARD: 6 START DATE: 7/01 END DATE: 4/02				PROJECT NUMBER: M904 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION 250.0 OTHER - INFLATION - PROJECT TOTAL 250.0		
PROJECT TITLE: Cherry Avenue Transit Hub, Phase II DESCRIPTION: Complete construction of the University of Arizona Cherry Avenue Transit Hub, which is a project to replace currently inadequate seating and shade facilities with upgraded seating, more shaded areas, easier and safer access, and other amenities such as restrooms for transit users. This project is located adjacent to the visitor center at the University of Arizona.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Mass Transit Section 9	95C	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0	
Mass Transit Section 9 - Local	95D	-	-	50.0	50.0	-	-	-	-	50.0	-	50.0	
TOTAL			-	250.0	250.0	-	-	-	-	250.0	-	250.0	
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

DEPARTMENT: Transportation - Public Transit (4971)							WARD: 5 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: M211 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION 400.0 OTHER - INFLATION - PROJECT TOTAL 400.0		
PROJECT TITLE: Compressed Natural Gas Facility Improvements DESCRIPTION: Rehabilitate and renovate Sun Tran's compressed natural gas facility.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Mass Transit Section 9	95C	112.0	208.0	-	208.0	-	-	-	-	208.0	-	320.0	
Mass Transit Section 9 - Local	95D	28.0	52.0	-	52.0	-	-	-	-	52.0	-	80.0	
TOTAL			140.0	260.0	260.0	-	-	-	-	260.0	-	400.0	
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Dial-a-Ride Communications System DESCRIPTION: Acquire a communications system that will serve to bring riders from neighborhoods to the fixed-route system (Sun Tran).						WARD: Citywide START DATE: 7/98 END DATE: 6/02				PROJECT NUMBER: M136 ESTIMATED PROJECT COST DESIGN 253.8 RIGHT-OF-WAY - CONSTRUCTION 32.6 OTHER 3,864.6 INFLATION - PROJECT TOTAL 4,151.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 3	95A	3,309.3	13.6	-	13.6	-	-	-	-	13.6	-	3,322.9
Mass Transit Section 3 - Local	95B	824.7	3.4	-	3.4	-	-	-	-	3.4	-	828.1
TOTAL		4,134.0	17.0	-	17.0	-	-	-	-	17.0	-	4,151.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						50.0	50.0	50.0	50.0	200.0	-	-

DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Downtown Intermodal Center (Union Pacific Depot) DESCRIPTION: Design, historical and structural analysis, and construction of the train depot and its historic out-buildings, including demolition and abatement at City Hall Annex.						WARD: 6 START DATE: 7/98 END DATE: 6/06				PROJECT NUMBER: M729 ESTIMATED PROJECT COST DESIGN 4,292.0 RIGHT-OF-WAY 1,910.7 CONSTRUCTION 5,520.0 OTHER 971.0 INFLATION 509.0 PROJECT TOTAL 13,202.7		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	287.6	-	-	-	-	-	-	-	-	-	287.6
Highway User Revenue Fund	15	1,623.1	-	-	-	-	-	-	-	-	-	1,623.1
Mass Transit Section 3	95A	977.0	-	2,000.0	2,000.0	-	-	-	-	2,000.0	-	2,977.0
Pima Association of Governments	13H	1,315.0	-	-	-	-	-	-	-	-	-	1,315.0
Unfunded Requirements	100	-	-	-	-	1,000.0	3,000.0	1,000.0	2,000.0	7,000.0	-	7,000.0
TOTAL		4,202.7	-	2,000.0	2,000.0	1,000.0	3,000.0	1,000.0	2,000.0	9,000.0	-	13,202.7
INFLATION ADJUSTMENT:						29.0	172.0	85.0	223.0	509.0	-	509.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Public Transit (4971)						WARD: 5, 6 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: M902 ESTIMATED PROJECT COST DESIGN 121.0 RIGHT-OF-WAY - CONSTRUCTION - OTHER - INFLATION 4.0 PROJECT TOTAL 125.0			
PROJECT TITLE: El Con Mall/Broadway Boulevard Transit Improvements													
DESCRIPTION: Engineer and design El Con Mall/Broadway Boulevard transit improvements, which will include removal of the existing shelter on El Con property and enhanced shelters on Broadway. Construction of the improvements will be contingent upon additional grant funding.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Mass Transit Section 9	95C	-	-	-	-	100.0	-	-	-	100.0	-	100.0	
Mass Transit Section 9 - Local	95D	-	-	-	-	25.0	-	-	-	25.0	-	25.0	
TOTAL			-	-	-	125.0	-	-	-	125.0	-	125.0	
INFLATION ADJUSTMENT:						4.0	-	-	-	4.0	-	4.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

DEPARTMENT: Transportation - Public Transit (4971)						WARD: Citywide START DATE: 7/00 END DATE: Annual				PROJECT NUMBER: M316 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 4,270.0 INFLATION 318.0 PROJECT TOTAL 4,588.0			
PROJECT TITLE: Engine Replacement Program													
DESCRIPTION: Replace engine power packs on approximately three buses per year with engines that have closed loop fuel systems. It is anticipated that the replacements will improve engine reliability and compressed natural gas performance, and could result in reduced maintenance costs.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Mass Transit Surface Transportation Program	95E	-	-	141.0	141.0	1,000.0	1,030.0	1,061.0	1,093.0	4,325.0	-	4,325.0	
Mass Transit Surface Transportation Program - Local	95F	-	-	9.0	9.0	61.0	63.0	64.0	66.0	263.0	-	263.0	
TOTAL			-	150.0	150.0	1,061.0	1,093.0	1,125.0	1,159.0	4,588.0	-	4,588.0	
INFLATION ADJUSTMENT:						31.0	63.0	95.0	129.0	318.0	-	318.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Management Information and Commuications - Transit Services Administration DESCRIPTION: Upgrade or replace obsolete equipment at transit services administration and customer service facilities, including personal computers and hardware.						WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: M318 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 260.0 INFLATION 15.0 PROJECT TOTAL 275.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Surface Transportation Program	95E	-	-	49.0	49.0	50.0	52.0	54.0	55.0	260.0	-	260.0
Mass Transit Surface Transportation Program - Local	95F	-	-	3.0	3.0	3.0	3.0	3.0	3.0	15.0	-	15.0
TOTAL		-	-	52.0	52.0	53.0	55.0	57.0	58.0	275.0	-	275.0
INFLATION ADJUSTMENT:						1.0	3.0	5.0	6.0	15.0	-	15.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Management Information and Communications - Sun Tran DESCRIPTION: Upgrade or replace obsolete equipment at Sun Tran, including personal computers and software.						WARD: Citywide START DATE: 7/00 END DATE: Annual				PROJECT NUMBER: M319 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 612.0 INFLATION 38.0 PROJECT TOTAL 650.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	-	96.0	96.0	100.0	104.0	108.0	112.0	520.0	-	520.0
Mass Transit Section 9 - Local	95D	-	-	24.0	24.0	25.0	26.0	27.0	28.0	130.0	-	130.0
TOTAL		-	-	120.0	120.0	125.0	130.0	135.0	140.0	650.0	-	650.0
INFLATION ADJUSTMENT:						4.0	7.5	11.0	15.5	38.0	-	38.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Management Information and Communications - Van Tran DESCRIPTION: Upgrade or replace obsolete equipment at Van Tran facilities, including personal computers and software.						WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: M317 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 933.0 INFLATION 47.0 PROJECT TOTAL 980.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	-	280.0	280.0	120.0	124.0	128.0	132.0	784.0	-	784.0
Mass Transit Section 9 - Local	95D	-	-	70.0	70.0	30.0	31.0	32.0	33.0	196.0	-	196.0
TOTAL		-	-	350.0	350.0	150.0	155.0	160.0	165.0	980.0	-	980.0
INFLATION ADJUSTMENT:						4.5	9.5	14.0	19.0	47.0	-	47.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Management Information and Communications System, 2000 Grant DESCRIPTION: Upgrade or replace obsolete equipment at Sun Tran and Van Tran facilities, including personal computers and software.						WARD: Citywide START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: M203 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 290.0 INFLATION - PROJECT TOTAL 290.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	140.0	92.0	-	92.0	-	-	-	-	92.0	-	232.0
Mass Transit Section 9 - Local	95D	35.0	23.0	-	23.0	-	-	-	-	23.0	-	58.0
TOTAL		175.0	115.0	-	115.0	-	-	-	-	115.0	-	290.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Municipal Alternative Fuel Grant DESCRIPTION: The city was awarded a Municipal Alternative Fuel Grant funded by the Arizona State Department of Commerce. A portion of the total grant awarded is budgeted in this capital project to assist in the acquisition of transit buses fueled with compressed natural gas (\$10,000 each for 21 buses = \$210,000) and the conversion of paratransit vans and support vehicles to propane fueling (\$3,500 each for 17 vehicles = \$59,500).						WARD: Citywide START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: M009 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 269.5 INFLATION - PROJECT TOTAL 269.5		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit - State Grants	95S	210.0	59.5	-	59.5	-	-	-	-	59.5	-	269.5
TOTAL		210.0	59.5	-	59.5	-	-	-	-	59.5	-	269.5
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: On-Board Security Systems DESCRIPTION: Purchase and install on-board security system for existing fleet and newly procured buses. This system observes and records passenger behavior for the safety of both drivers and passengers.						WARD: Citywide START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: M819 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 1,106.0 INFLATION - PROJECT TOTAL 1,106.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	-	885.0	885.0	-	-	-	-	885.0	-	885.0
Mass Transit Section 9 - Local	95D	-	-	221.0	221.0	-	-	-	-	221.0	-	221.0
TOTAL		-	-	1,106.0	1,106.0	-	-	-	-	1,106.0	-	1,106.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Public Transit (4971)							WARD: 1, 4			PROJECT NUMBER: M924		
PROJECT TITLE: Pima Community College Cooperative Transit Projects							START DATE: 7/00			ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct improvements at bus stops and exit roads located at Pima Community College's eastside and westside campuses.							END DATE: 6/06			DESIGN 444.0 RIGHT-OF-WAY - CONSTRUCTION 1,066.0 OTHER - INFLATION 44.0 PROJECT TOTAL 1,554.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Highway User Revenue Fund	15	28.5	-	60.0	60.0	-	-	-	-	60.0	-	88.5
Mass Transit Section 9	95C	103.3	-	240.0	240.0	103.0	140.0	128.0	113.0	724.0	-	827.3
Mass Transit Section 9 - Local	95D	26.5	-	-	-	26.0	35.0	32.0	28.0	121.0	-	147.5
Mass Transit Surface Transportation Program	95E	490.7	-	-	-	-	-	-	-	-	-	490.7
TOTAL		649.0	-	300.0	300.0	129.0	175.0	160.0	141.0	905.0	-	1,554.0
INFLATION ADJUSTMENT:						4.0	10.0	14.0	16.0	44.0	-	44.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971)							WARD: Citywide			PROJECT NUMBER: M320		
PROJECT TITLE: Program Support and Administration							START DATE: 7/01			ESTIMATED PROJECT COST		
DESCRIPTION: Project management activites and training in support of the public transit capital program.							END DATE: Annual			DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 1,330.0 INFLATION 85.0 PROJECT TOTAL 1,415.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	-	172.0	172.0	240.0	240.0	240.0	240.0	1,132.0	-	1,132.0
Mass Transit Section 9 - Local	95D	-	-	43.0	43.0	60.0	60.0	60.0	60.0	283.0	-	283.0
TOTAL		-	-	215.0	215.0	300.0	300.0	300.0	300.0	1,415.0	-	1,415.0
INFLATION ADJUSTMENT:						9.0	17.0	25.0	34.0	85.0	-	85.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Public Transit (4971)						WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: M322 <u>ESTIMATED PROJECT COST</u> DESIGN		
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CAPITAL PROJECTS

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DEPARTMENT: Transportation - Public Transit (4971)						WARD: Citywide				PROJECT NUMBER: M007		
PROJECT TITLE: Replacement Buses for Sun Tran: Section 3, Surface Transportation, and State Grants						START DATE: 7/99				ESTIMATED PROJECT COST		
DESCRIPTION: Acquire buses consistent with the replacement schedule required for the Sun Tran fleet, replacing them at the end of their useful life of approximately twelve years. Twenty-two buses are scheduled for replacement in Fiscal Year 2002.						END DATE: 6/02				DESIGN		

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Public Transit (4971)						WARD: Citywide START DATE: 7/97 END DATE: 6/02				PROJECT NUMBER: M709 ESTIMATED PROJECT COST		
PROJECT TITLE: Replacement of Brick Pavers DESCRIPTION: Replace brick pavers at the Ronstadt Transit Center with colored concrete paving.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION 140.1 OTHER 26.5 INFLATION - PROJECT TOTAL 166.6		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	94.2	38.4	-	38.4	-	-	-	-	38.4	-	132.6
Mass Transit Section 9 - Local	95D	24.4	9.6	-	9.6	-	-	-	-	9.6	-	34.0
TOTAL		118.6	48.0	-	48.0	-	-	-	-	48.0	-	166.6
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971)						WARD: Citywide START DATE: 7/00 END DATE: Annual				PROJECT NUMBER: M200 ESTIMATED PROJECT COST		
PROJECT TITLE: Replacement Vans for Van Tran DESCRIPTION: Acquire vans used for paratransit service as they reach the end of their useful life. Fifty-eight vans are programmed for replacement in Fiscal Year 2002 and 26 vans per year in each succeeding year.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 10,743.5 INFLATION 483.5 PROJECT TOTAL 11,227.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	1,440.0	1,997.0	3,437.0	1,528.0	1,574.0	756.0	1,687.0	8,982.0	-	8,982.0
Mass Transit Section 9 - Local	95D	-	360.0	499.0	859.0	382.0	393.0	189.0	422.0	2,245.0	-	2,245.0
TOTAL		-	1,800.0	2,496.0	4,296.0	1,910.0	1,967.0	945.0	2,109.0	11,227.0	-	11,227.0
INFLATION ADJUSTMENT:						55.5	113.0	80.0	235.0	483.5	-	483.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Transportation - Public Transit (4971)						WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: M326 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 3,649.5 INFLATION 184.5 PROJECT TOTAL 3,834.0		
PROJECT TITLE: Shop Tools and Equipment - Sun Tran DESCRIPTION: Purchase major equipment, which includes the replacement of hoist lifts and two portable lifts, for the Sun Tran maintenance facility.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	-	1,014.0	1,014.0	480.0	509.0	525.0	540.0	3,068.0	-	3,068.0
Mass Transit Section 9 - Local	95D	-	-	253.0	253.0	120.0	127.0	131.0	135.0	766.0	-	766.0
TOTAL			-	-	1,267.0	600.0	636.0	656.0	675.0	3,834.0	-	3,834.0
INFLATION ADJUSTMENT:						17.5	36.0	56.0	75.0	184.5	-	184.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971)						WARD: 1 START DATE: 7/96 END DATE: 6/06				PROJECT NUMBER: M137 <u>ESTIMATED PROJECT COST</u> DESIGN 969.8 RIGHT-OF-WAY 1,549.5 CONSTRUCTION 25,724.2 OTHER 1,823.8 INFLATION 1,933.0 PROJECT TOTAL 32,000.3		
PROJECT TITLE: Sun Tran Bus Storage and Maintenance Facility DESCRIPTION: Acquire land, design, and construct a new Sun Tran maintenance facility. The current facility was built in 1976 and is operating beyond the designed capacity; a new facility, in conjunction with the existing facility, will provide for the projected growth of the system. The facility will be constructed to meet Civano Code standards, which are expected to add \$4.25 million to the project's cost.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 3	95A	343.3	-	-	-	-	-	-	-	-	-	343.3
Mass Transit Section 9	95C	-	-	1,600.0	1,600.0	-	-	-	-	1,600.0	-	1,600.0
1994 General Obligation Bonds Series B	37	1,700.0	-	-	-	-	-	-	-	-	-	1,700.0
1994 General Obligation Bonds Series D	43	1,650.0	650.0	-	650.0	-	-	-	-	650.0	-	2,300.0
Unfunded Requirements	100	-	-	-	-	2,000.0	10,000.0	10,000.0	4,057.0	26,057.0	-	26,057.0
TOTAL			3,693.3	650.0	1,600.0	2,000.0	10,000.0	10,000.0	4,057.0	28,307.0	-	32,000.3
INFLATION ADJUSTMENT:						58.0	574.0	849.0	452.0	1,933.0	-	1,933.0
ANNUAL OPERATING COST:						-	-	-	300.0	300.0	600.0	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Support Vehicles - Sun Tran, 2000 Grant DESCRIPTION: Purchase replacement cars for supervisory personnel every three years or 80,000 miles, and purchase replacement service trucks and vans every five years or 100,000 miles.						WARD: Citywide START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: M202 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 60.0 INFLATION - PROJECT TOTAL 60.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	48.0	-	48.0	-	-	-	-	48.0	-	48.0
Mass Transit Section 9 - Local	95D	-	12.0	-	12.0	-	-	-	-	12.0	-	12.0
TOTAL		-	60.0	-	60.0	-	-	-	-	60.0	-	60.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Support Vehicles - Sun Tran DESCRIPTION: Purchase replacement cars for supervisory personnel every three years or 80,000 miles, and purchase replacement service trucks and vans every five years or 100,000 miles.						WARD: Citywide START DATE: 7/00 END DATE: Annual				PROJECT NUMBER: M302 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 571.0 INFLATION 37.0 PROJECT TOTAL 608.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	-	70.0	70.0	100.0	103.0	106.0	109.0	488.0	-	488.0
Mass Transit Section 9 - Local	95D	-	-	17.0	17.0	25.0	25.0	26.0	27.0	120.0	-	120.0
TOTAL		-	-	87.0	87.0	125.0	128.0	132.0	136.0	608.0	-	608.0
INFLATION ADJUSTMENT:						4.0	7.0	11.0	15.0	37.0	-	37.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Support Vehicles - Van Tran DESCRIPTION: Purchase replacement cars for supervisory personnel every three years or 80,000 miles, and purchase replacement service trucks and vans every five years or 100,000 miles.						WARD: Citywide START DATE: 7/01 END DATE: Biannual				PROJECT NUMBER: M204 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 248.0 INFLATION 14.0 PROJECT TOTAL 262.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	-	96.0	96.0	-	22.0	-	92.0	210.0	-	210.0
Mass Transit Section 9 - Local	95D	-	-	24.0	24.0	-	4.0	-	24.0	52.0	-	52.0
TOTAL		-	-	120.0	120.0	-	26.0	-	116.0	262.0	-	262.0
INFLATION ADJUSTMENT:						-	1.0	-	13.0	14.0	-	14.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Third-Party Contract Services DESCRIPTION: Contract for environmental analysis, performance audits, legal audits, and marketing research required for capital projects.						WARD: Citywide START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: M210 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 300.0 INFLATION - PROJECT TOTAL 300.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	64.0	176.0	-	176.0	-	-	-	-	176.0	-	240.0
Mass Transit Section 9 - Local	95D	16.0	44.0	-	44.0	-	-	-	-	44.0	-	60.0
TOTAL		80.0	220.0	-	220.0	-	-	-	-	220.0	-	300.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Transportation - Public Transit (4971)						WARD: Citywide START DATE: 7/02 END DATE: 6/06				PROJECT NUMBER: M308 ESTIMATED PROJECT COST		
PROJECT TITLE: Transit Enhancements - Future Grants DESCRIPTION: Design and construct transit enhancements that will improve transit facilities with historic value, bus shelters, signage, and pedestrian and bicycle access to transit facilities.										DESIGN 157.0 RIGHT-OF-WAY - CONSTRUCTION 400.0 OTHER - INFLATION 43.0 PROJECT TOTAL 600.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	-	-	-	-	120.0	120.0	120.0	120.0	480.0	-	480.0
Mass Transit Section 9 - Local	95D	-	-	-	-	30.0	30.0	30.0	30.0	120.0	-	120.0
TOTAL		-	-	-	-	150.0	150.0	150.0	150.0	600.0	-	600.0
INFLATION ADJUSTMENT:						4.5	8.5	13.5	16.5	43.0	-	43.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971)						WARD: 6 START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: M327 ESTIMATED PROJECT COST		
PROJECT TITLE: Transit Enhancements - 2000 Grant DESCRIPTION: Design and construct transit enhancements that will improve transit facilities and provide site improvements at the University of Arizona Main Gate and Jefferson Park, and provide bike storage lockers at transit facilities. Through an intergovernmental agreement, the university has agreed to provide the local match for this project.										DESIGN 40.0 RIGHT-OF-WAY - CONSTRUCTION 89.0 OTHER - INFLATION - PROJECT TOTAL 129.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Surface Transportation Program	95E	-	-	122.0	122.0	-	-	-	-	122.0	-	122.0
University of Arizona Contributions	13U	-	-	7.0	7.0	-	-	-	-	7.0	-	7.0
TOTAL		-	-	129.0	129.0	-	-	-	-	129.0	-	129.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Udall Center Transit Facility DESCRIPTION: Engineer, design, and construct a transit facility along the east side of Sabino Canyon Road adjacent to the Udall Center.						WARD: 4 START DATE: 7/00 END DATE: 6/03				PROJECT NUMBER: M201 <u>ESTIMATED PROJECT COST</u> DESIGN 100.0 RIGHT-OF-WAY - CONSTRUCTION 349.0 OTHER - INFLATION 1.0 PROJECT TOTAL 450.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	80.0	-	240.0	240.0	40.0	-	-	-	280.0	-	360.0
Mass Transit Section 9 - Local	95D	20.0	-	60.0	60.0	10.0	-	-	-	70.0	-	90.0
TOTAL		100.0	-	300.0	300.0	50.0	-	-	-	350.0	-	450.0
INFLATION ADJUSTMENT:						1.0	-	-	-	1.0	-	1.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Transportation - Public Transit (4971) PROJECT TITLE: Van Tran Day Care Facility Infant Room DESCRIPTION: Design and construct an infant room addition for the Van Tran day care facility.						WARD: 5 START DATE: 7/99 END DATE: 6/02				PROJECT NUMBER: M910 <u>ESTIMATED PROJECT COST</u> DESIGN 16.9 RIGHT-OF-WAY - CONSTRUCTION 203.3 OTHER 3.3 INFLATION - PROJECT TOTAL 223.5		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Mass Transit Section 9	95C	16.7	159.2	-	159.2	-	-	-	-	159.2	-	175.9
Mass Transit Section 9 - Local	95D	7.8	39.8	-	39.8	-	-	-	-	39.8	-	47.6
TOTAL		24.5	199.0	-	199.0	-	-	-	-	199.0	-	223.5
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 244,276,800

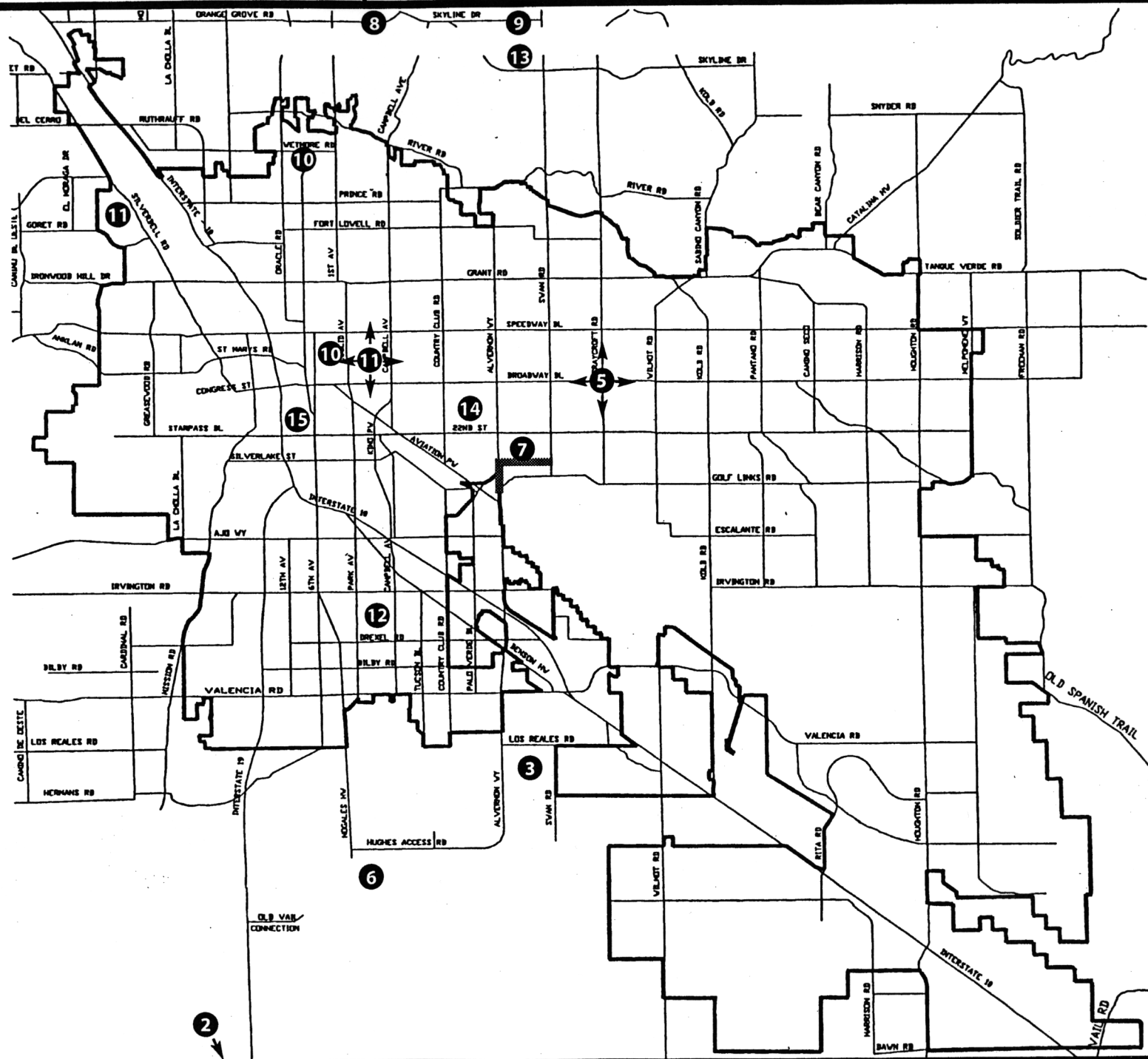
Tucson Water's Five-Year Capital Improvement Program (CIP) of \$244.3 million includes \$203.3 million for potable water system improvements and \$41.0 million for reclaimed water system improvements. Mayor and Council water policies, as recommended by the Citizens' Water Advisory Committee, serve as the foundation for the CIP. Inherent in these policies is compliance with the water quality requirements of the federal Environmental Protection Agency and the Arizona Department of Environmental Quality.

The CIP is a major element of a water supply plan for this growing community based on the utilization of three water resources: groundwater, surface water, and reclaimed water. The CIP will significantly assist in achieving the long-term goal of balancing groundwater pumping with replenishment of this resource (safe yield) in the Tucson water basin. The five-year program reflects the city's leadership in basin-wide water resource management through the prudent use of groundwater, implementation of recharged Central Arizona Project (CAP) water, expansion of the reclaimed water system, and recharge of secondary effluent and reclaimed water.

The projects in this program are intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility
- Comply with the water usage, safe yield, and assured water supply requirements of the Arizona State Groundwater Management Act
- Comply with the Water Consumer Protection Act regarding Central Arizona Project water use issues
- Advance and encourage the use of reclaimed water and secondary effluent
- Maintain water rates at levels acceptable to the community

Tucson Water

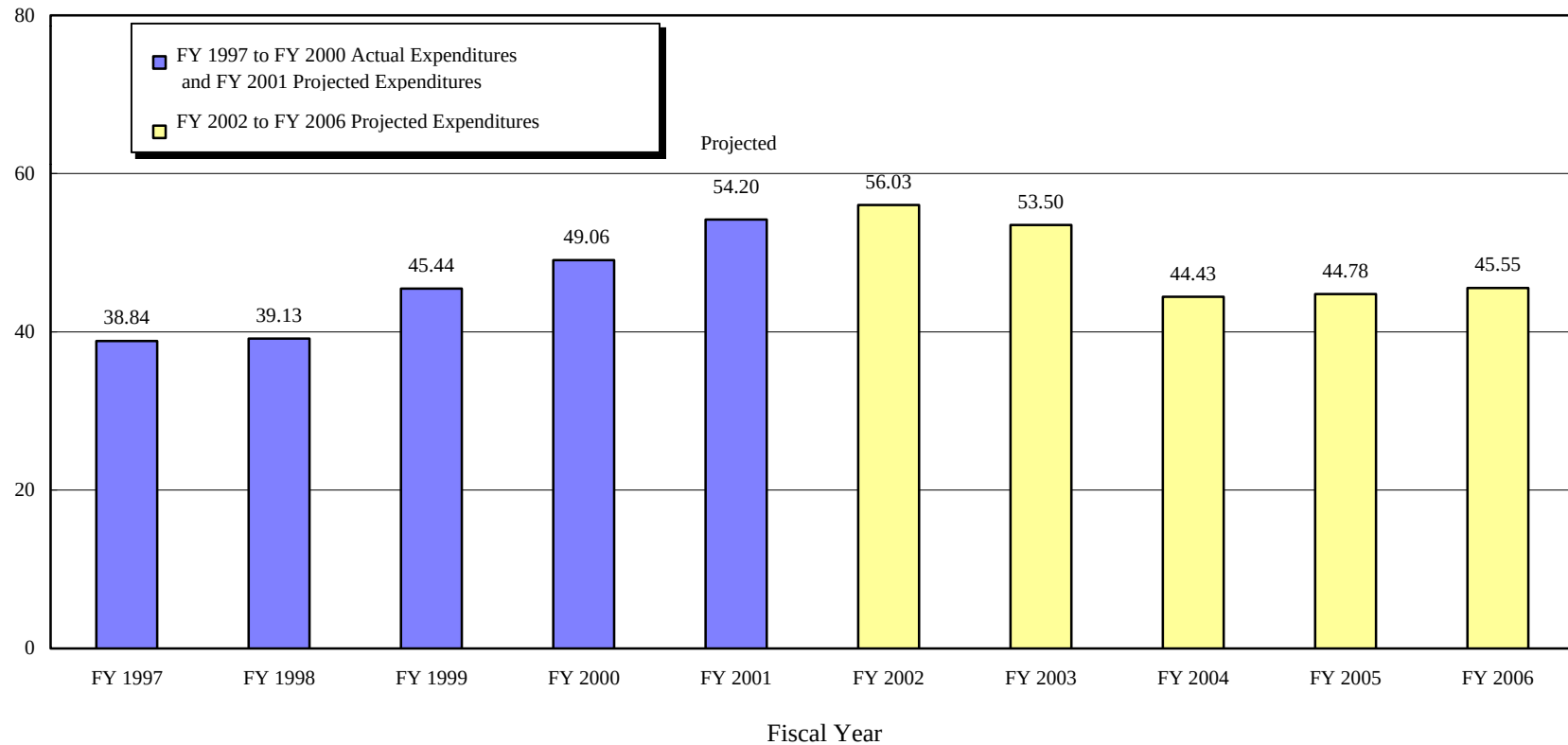


CAPITAL PROJECTS LOCATIONS

Tucson Water

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
<u>Recharge and Recovery</u>		<u>General Plant</u>	
1. Clearwater Renewable Resource Facility (formerly CAVSARP)	FY 2003	10. Casa del Agua House Improvements	FY 2002
		<u>Reclaimed Source Development</u>	
2. Pima Mine Road Recharge, Phase II	FY 2002	11. Santa Cruz River Managed Underground Storage	FY 2005
<u>Potable Storage</u>		<u>Reclaimed Storage</u>	
3. Southeast Reservoir and Booster	FY 2003	12. Benson Highway Reservoir	FY 2003
4. Westside C-Zone Reservoir	FY 2005	13. La Paloma Reservoir Expansion	FY 2004
<u>Potable Transmission</u>		<u>Reclaimed Pumping Plant</u>	
5. Corrosion Evaluation/Repair	Annual	14. Reid Park Boosters Expansion	FY 2005
6. Old Nogales Highway Transmission Main	FY 2004	<u>Reclaimed Transmission</u>	
7. Technical Drive/Columbus C-Zone Transmission Main	FY 2003	15. 18th Street/10th Avenue Reclaimed Transmission Main	FY 2004
<u>Potable Distribution</u>			
8. Catalina Foothills Main Replacement, Phase III	FY 2002		
9. Skyline/Country Club System Modifications	FY 2003		

**Capital Improvements
Ten-Year Comparison
Tucson Water
(\$ Millions)**



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

Tucson Water
DEPARTMENT

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROGRAM AREA	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Potable Water System	69,644.8	3,408.8	45,938.0	49,346.8	41,660.0	32,272.0	38,034.0	41,961.0	203,273.8	207,362.0	480,280.6	
Reclaimed Water System	6,552.5	1,287.0	5,395.0	6,682.0	11,838.0	12,153.0	6,745.0	3,585.0	41,003.0	14,060.0	61,615.5	
TOTAL	76,197.3	4,695.8	51,333.0	56,028.8	53,498.0	44,425.0	44,779.0	45,546.0	244,276.8	221,422.0	541,896.1	
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	31,396.7	-	13,407.0	13,407.0	12,775.0	14,060.0	15,073.0	17,618.0	72,933.0	105,350.0	209,679.7
1984 Water Revenue Bond Funds	87	150.4	-	-	-	-	-	-	-	-	-	150.4
1994 Water Revenue Bonds Series A	88	221.3	-	-	-	-	-	-	-	-	-	221.3
1994 Water Revenue Bonds Series B	89	964.3	-	-	-	-	-	-	-	-	-	964.3
1994 Water Revenue Bonds Series C	79	21,133.7	-	-	-	-	-	-	-	-	-	21,133.7
1994 Water Revenue Bonds Series D	80	4,695.0	-	-	-	-	-	-	-	-	-	4,695.0
1994 WIFA Bonds Series A	82	204.0	-	-	-	-	-	-	-	-	-	204.0
1994 WIFA Bonds Series B	90	859.2	-	-	-	-	-	-	-	-	-	859.2
2000 Water Revenue Bonds	85	10,423.2	4,695.8	26,819.0	31,514.8	39,149.0	18,340.0	-	-	89,003.8	-	99,427.0
2000 Water Revenue Bond Interest	85I	-	-	600.0	600.0	600.0	600.0	100.0	-	1,900.0	-	1,900.0
2000 WIFA Bonds Series A	96	653.0	-	745.0	745.0	-	-	-	-	745.0	-	1,398.0
2000 WIFA Bonds Series B	84	-	-	8,800.0	8,800.0	-	-	-	-	8,800.0	-	8,800.0
Central Arizona Project Reserve Fund	83	5,496.5	-	962.0	962.0	974.0	984.0	992.0	1,002.0	4,914.0	-	10,410.5
Unfunded Requirements	100	-	-	-	-	-	10,441.0	28,614.0	26,926.0	65,981.0	116,072.0	182,053.0
TOTAL	76,197.3	4,695.8	51,333.0	56,028.8	53,498.0	44,425.0	44,779.0	45,546.0	244,276.8	221,422.0	541,896.1	

Inflation Adjustment			-	-	1,558.5	2,548.0	3,797.2	5,078.5	12,982.2	30,425.0	43,407.2
Annual Operating Cost			-	-	4,300.0	4,830.0	4,930.0	5,270.0	19,330.0		

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROGRAM AREA	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Potable Source Development	25.0	75.0	2,323.0	2,398.0	2,677.0	2,423.0	3,272.0	3,470.0	14,240.0	30,126.0	44,391.0	
Recharge and Recovery	53,644.0	805.0	16,069.0	16,874.0	10,846.0	1,001.0	-	-	28,721.0	-	82,365.0	
Potable Storage	500.6	3.0	3,392.0	3,395.0	4,270.0	3,206.0	2,905.0	5,186.0	18,962.0	11,461.0	30,923.6	
Potable Pumping Plant	417.3	70.0	1,424.0	1,494.0	875.0	967.0	2,042.0	3,187.0	8,565.0	14,994.0	23,976.3	
Potable Transmission	3,631.1	782.0	4,131.0	4,913.0	6,125.0	7,063.0	6,904.0	9,465.0	34,470.0	56,500.0	94,601.1	
Potable Distribution	5,417.6	899.8	5,312.0	6,211.8	5,336.0	5,429.0	6,725.0	7,693.0	31,394.8	39,725.0	76,537.4	
Potable New Services	-	-	1,517.0	1,517.0	1,525.0	1,525.0	1,525.0	1,525.0	7,617.0	7,625.0	15,242.0	
General Plant	1,370.0	615.0	4,170.0	4,785.0	1,964.0	2,047.0	3,085.0	4,146.0	16,027.0	8,700.0	26,097.0	
Potable Treatment	4,113.9	159.0	1,253.0	1,412.0	2,345.0	2,914.0	6,029.0	2,512.0	15,212.0	10,606.0	29,931.9	
Potable Process Control	525.3	-	1,625.0	1,625.0	975.0	975.0	825.0	55.0	4,455.0	275.0	5,255.3	
Capitalized Expense	-	-	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	23,610.0	27,350.0	50,960.0	
TOTAL	69,644.8	3,408.8	45,938.0	49,346.8	41,660.0	32,272.0	38,034.0	41,961.0	203,273.8	207,362.0	480,280.6	
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	30,778.0	-	12,822.0	12,822.0	12,190.0	13,475.0	14,778.0	17,333.0	70,598.0	103,925.0	205,301.0
1984 Water Revenue Bond Funds	87	64.2	-	-	-	-	-	-	-	-	-	64.2
1994 Water Revenue Bonds Series A	88	96.1	-	-	-	-	-	-	-	-	-	96.1
1994 Water Revenue Bonds Series B	89	825.9	-	-	-	-	-	-	-	-	-	825.9
1994 Water Revenue Bonds Series C	79	20,306.4	-	-	-	-	-	-	-	-	-	20,306.4
1994 Water Revenue Bonds Series D	80	3,026.3	-	-	-	-	-	-	-	-	-	3,026.3
1994 WIFA Bonds Series A	82	204.0	-	-	-	-	-	-	-	-	-	204.0
1994 WIFA Bonds Series B	90	859.2	-	-	-	-	-	-	-	-	-	859.2
2000 Water Revenue Bonds	85	7,335.2	3,408.8	22,009.0	25,417.8	27,896.0	11,651.0	-	-	64,964.8	-	72,300.0
2000 Water Revenue Bond Interest	851	-	-	600.0	600.0	600.0	600.0	100.0	-	1,900.0	-	1,900.0
2000 WIFA Bonds Series A	96	653.0	-	745.0	745.0	-	-	-	-	745.0	-	1,398.0
2000 WIFA Bonds Series B	84	-	-	8,800.0	8,800.0	-	-	-	-	8,800.0	-	8,800.0
Central Arizona Project Reserve Fund	83	5,496.5	-	962.0	962.0	974.0	984.0	992.0	1,002.0	4,914.0	-	10,410.5
Unfunded Requirements	100	-	-	-	-	-	5,562.0	22,164.0	23,626.0	51,352.0	103,437.0	154,789.0
TOTAL	69,644.8	3,408.8	45,938.0	49,346.8	41,660.0	32,272.0	38,034.0	41,961.0	203,273.8	207,362.0	480,280.6	
Inflation Adjustment			-	-	1,211.0	1,854.0	3,224.2	4,679.0	10,968.2	28,493.0	39,461.2	
Annual Operating Cost			-	-	4,300.0	4,830.0	4,930.0	5,270.0	19,330.0			

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 14,240,000

PROGRAM AREA: Potable Source Development

The Potable Source Development program provides for the development and monitoring of potable water supplies. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility
- Comply with the water usage, safe yield, and assured water supply requirements of the Arizona State Groundwater Management Act

The program contains the following types of projects:

- Acquire sites, drill, and equip large capacity water production wells
- Replace pressure tanks at water well and booster station sites
- Install well field equipment, well discharge piping improvements, and water disinfection equipment upgrades
- Install monitor wells in support of hydrologic investigations

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Clearwater Renewable Resource Facility Disinfection Equipment	B - 228	-	-	-	-	-	-	-	200.0	200.0	3,750.0	3,950.0
Unfunded Requirements		-	-	-	-	-	-	-	200.0	200.0	3,750.0	3,950.0
Disinfection System Upgrades	B - 228	-	-	120.0	120.0	119.0	120.0	120.0	120.0	599.0	600.0	1,199.0
2000 Water Revenue Bonds		-	-	120.0	120.0	119.0	120.0	-	-	359.0	-	359.0
Unfunded Requirements		-	-	-	-	-	-	120.0	120.0	240.0	600.0	840.0
Drill Production Wells	B - 229	-	-	550.0	550.0	550.0	550.0	550.0	550.0	2,750.0	4,001.0	6,751.0
Water Revenue and Operations Fund		-	-	-	-	-	550.0	550.0	70.0	1,170.0	-	1,170.0
2000 Water Revenue Bonds		-	-	550.0	550.0	550.0	-	-	-	1,100.0	-	1,100.0
Unfunded Requirements		-	-	-	-	-	-	-	480.0	480.0	4,001.0	4,481.0
Minor Well Equipping Upgrades	B - 229	-	-	112.0	112.0	112.0	112.0	111.0	113.0	560.0	560.0	1,120.0
Water Revenue and Operations Fund		-	-	112.0	112.0	112.0	112.0	111.0	113.0	560.0	-	560.0
Unfunded Requirements		-	-	-	-	-	-	-	-	-	560.0	560.0
Monitor Wells	B - 230	-	-	-	-	255.0	-	255.0	-	510.0	765.0	1,275.0
Water Revenue and Operations Fund		-	-	-	-	-	-	255.0	-	255.0	-	255.0
2000 Water Revenue Bonds		-	-	-	-	255.0	-	-	-	255.0	-	255.0
Unfunded Requirements		-	-	-	-	-	-	-	-	-	765.0	765.0
New Well Equipping	B - 230	-	-	620.0	620.0	620.0	620.0	620.0	620.0	3,100.0	3,720.0	6,820.0
Water Revenue and Operations Fund		-	-	-	-	-	139.0	-	-	139.0	-	139.0
2000 Water Revenue Bonds		-	-	620.0	620.0	620.0	481.0	-	-	1,721.0	-	1,721.0
Unfunded Requirements		-	-	-	-	-	-	620.0	620.0	1,240.0	3,720.0	4,960.0
Pressure Tank Replacement	B - 231	-	-	350.0	350.0	450.0	450.0	450.0	450.0	2,150.0	2,250.0	4,400.0
Water Revenue and Operations Fund		-	-	-	-	-	-	450.0	450.0	900.0	-	900.0
2000 Water Revenue Bonds		-	-	350.0	350.0	450.0	450.0	-	-	1,250.0	-	1,250.0
Unfunded Requirements		-	-	-	-	-	-	-	-	-	2,250.0	2,250.0
Production Well Sites	B - 231	-	-	128.0	128.0	128.0	128.0	128.0	128.0	640.0	640.0	1,280.0
Water Revenue and Operations Fund		-	-	-	-	-	-	128.0	128.0	256.0	-	256.0
2000 Water Revenue Bonds		-	-	128.0	128.0	128.0	128.0	-	-	384.0	-	384.0
Unfunded Requirements		-	-	-	-	-	-	-	-	-	640.0	640.0
Radon and Arsenic Evaluation	B - 232	25.0	75.0	-	75.0	-	-	-	-	75.0	-	100.0
2000 Water Revenue Bonds		25.0	75.0	-	75.0	-	-	-	-	75.0	-	100.0

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unanticipated Source Development Projects	B - 232	-	-	55.0	55.0	55.0	55.0	750.0	1,001.0	1,916.0	12,400.0	14,316.0
Water Revenue and Operations Fund		-	-	55.0	55.0	55.0	55.0	750.0	1,001.0	1,916.0	-	1,916.0
Unfunded Requirements		-	-	-	-	-	-	-	-	-	12,400.0	12,400.0
Well Field Upgrades	B - 233	-	-	388.0	388.0	388.0	388.0	288.0	288.0	1,740.0	1,440.0	3,180.0
Water Revenue and Operations Fund		-	-	-	-	-	-	160.0	-	160.0	-	160.0
2000 Water Revenue Bonds		-	-	388.0	388.0	388.0	388.0	-	-	1,164.0	-	1,164.0
Unfunded Requirements		-	-	-	-	-	-	128.0	288.0	416.0	1,440.0	1,856.0
TOTAL		25.0	75.0	2,323.0	2,398.0	2,677.0	2,423.0	3,272.0	3,470.0	14,240.0	30,126.0	44,391.0
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	-	-	167.0	167.0	167.0	856.0	2,404.0	1,762.0	5,356.0	-	5,356.0
2000 Water Revenue Bonds	85	25.0	75.0	2,156.0	2,231.0	2,510.0	1,567.0	-	-	6,308.0	-	6,333.0
Unfunded Requirements	100	-	-	-	-	-	-	868.0	1,708.0	2,576.0	30,126.0	32,702.0
TOTAL		25.0	75.0	2,323.0	2,398.0	2,677.0	2,423.0	3,272.0	3,470.0	14,240.0	30,126.0	44,391.0
Inflation Adjustment				-	-	77.0	139.0	279.0	386.5	881.5	4,139.5	5,021.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable Source Development (7510)										WARD: County		PROJECT NUMBER: W331	
PROJECT TITLE: Clearwater Renewable Resource Facility Disinfection Equipment										START DATE: 7/05			
										END DATE: 6/06			
DESCRIPTION: Design and construct storage and chemical feed (sodium hypochlorite) facilities at the Hayden Udall Water Treatment Facility for the Clearwater Renewable Resource Facility (CRRF).										ESTIMATED PROJECT COST DESIGN 239.0 RIGHT-OF-WAY - CONSTRUCTION 3,174.0 OTHER - INFLATION 537.0 PROJECT TOTAL 3,950.0			
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Unfunded Requirements	100	-	-	-	-	-	-	-	200.0	200.0	3,750.0	3,950.0	
TOTAL			-	-	-	-	-	-	200.0	200.0	3,750.0	3,950.0	
INFLATION ADJUSTMENT:						-	-	-	22.0	22.0	515.0	537.0	
ANNUAL OPERATING COST:						-	-	-	-	-			

DEPARTMENT: Tucson Water - Potable Source Development (7510)										WARD: City/County		PROJECT NUMBER: W074	
PROJECT TITLE: Disinfection System Upgrades										START DATE: 7/01			
										END DATE: Annual			
DESCRIPTION: Upgrade water wells to meet federal, state, and local disinfection standards. This project includes the design and installation of disinfection and monitoring equipment and piping to ensure compliance.										ESTIMATED PROJECT COST DESIGN 71.0 RIGHT-OF-WAY - CONSTRUCTION 838.5 OTHER 174.0 INFLATION 115.5 PROJECT TOTAL 1,199.0			
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	-	-	120.0	120.0	119.0	120.0	-	-	359.0	-	359.0	
Unfunded Requirements	100	-	-	-	-	-	-	120.0	120.0	240.0	600.0	840.0	
TOTAL			-	120.0	120.0	119.0	120.0	120.0	120.0	599.0	600.0	1,199.0	
INFLATION ADJUSTMENT:						3.0	7.0	10.0	13.0	33.0	82.5	115.5	
ANNUAL OPERATING COST:						-	-	-	-	-			

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Potable Source Development (7510)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W101 ESTIMATED PROJECT COST		
PROJECT TITLE: Drill Production Wells DESCRIPTION: Design and drill water production wells to provide adequate capacity to meet customer water demand. New wells are needed to replace those that fail or that do not generate sufficient water production, and to provide backup capacity. Thirty percent of this project is included within the Southeast Area Plan and twenty percent is included in the Southwest Area Plan.										DESIGN 1,354.5 RIGHT-OF-WAY 59.0 CONSTRUCTION 4,631.0 OTHER - INFLATION 706.5 PROJECT TOTAL 6,751.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	-	-	-	550.0	550.0	70.0	1,170.0	-	1,170.0
2000 Water Revenue Bonds	85	-	-	550.0	550.0	550.0	-	-	-	1,100.0	-	1,100.0
Unfunded Requirements	100	-	-	-	-	-	-	-	480.0	480.0	4,001.0	4,481.0
TOTAL		-	-	550.0	550.0	550.0	550.0	550.0	550.0	2,750.0	4,001.0	6,751.0
INFLATION ADJUSTMENT:						16.0	32.0	47.0	61.5	156.5	550.0	706.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Source Development (7510)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W104 ESTIMATED PROJECT COST		
PROJECT TITLE: Minor Well Equipping Upgrades DESCRIPTION: Provide minor equipping of existing production wells, including new pumps, drive shafts, column pipe, and electrical components, on a routine or emergency basis, to improve well efficiency.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION 223.0 OTHER 789.0 INFLATION 108.0 PROJECT TOTAL 1,120.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	112.0	112.0	112.0	112.0	111.0	113.0	560.0	-	560.0
Unfunded Requirements	100	-	-	-	-	-	-	-	-	-	560.0	560.0
TOTAL		-	-	112.0	112.0	112.0	112.0	111.0	113.0	560.0	560.0	1,120.0
INFLATION ADJUSTMENT:						3.0	6.0	9.0	13.0	31.0	77.0	108.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable Source Development (7510) PROJECT TITLE: Monitor Wells DESCRIPTION: Acquire sites, and design and drill monitor wells to conduct periodic sampling of the potable water supply between production wells and areas of known and suspected groundwater contamination.						WARD: 2 START DATE: 7/02 END DATE: Bi-annual				PROJECT NUMBER: W703 <u>ESTIMATED PROJECT COST</u> DESIGN 75.0 RIGHT-OF-WAY - CONSTRUCTION 1,066.0 OTHER - INFLATION 134.0 PROJECT TOTAL 1,275.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	-	-	-	-	255.0	-	255.0	-	255.0
2000 Water Revenue Bonds	85	-	-	-	-	255.0	-	-	-	255.0	-	255.0
Unfunded Requirements	100	-	-	-	-	-	-	-	-	-	765.0	765.0
TOTAL		-	-	-	-	255.0	-	255.0	-	510.0	765.0	1,275.0
INFLATION ADJUSTMENT:						7.0	-	22.0	-	29.0	105.0	134.0
ANNUAL OPERATING COST:						-	-	-	-	-		

DEPARTMENT: Tucson Water - Potable Source Development (7510) PROJECT TITLE: New Well Equipping DESCRIPTION: Equip new production wells to provide additional capacity to meet customer groundwater demand. Project funding declines beginning in Fiscal Year 2002 as water becomes available from Clearwater Renewable Resource Facility recovery wells. Twenty percent of this project is included in the Southeast Area Plan.						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W035 <u>ESTIMATED PROJECT COST</u> DESIGN 392.0 RIGHT-OF-WAY - CONSTRUCTION 5,741.0 OTHER - INFLATION 687.0 PROJECT TOTAL 6,820.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	-	-	-	139.0	-	-	139.0	-	139.0
2000 Water Revenue Bonds	85	-	-	620.0	620.0	620.0	481.0	-	-	1,721.0	-	1,721.0
Unfunded Requirements	100	-	-	-	-	-	-	620.0	620.0	1,240.0	3,720.0	4,960.0
TOTAL		-	-	620.0	620.0	620.0	620.0	620.0	620.0	3,100.0	3,720.0	6,820.0
INFLATION ADJUSTMENT:						18.0	36.0	53.0	69.0	176.0	511.0	687.0
ANNUAL OPERATING COST:						-	-	-	-	-		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable Source Development (7510)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W075 <u>ESTIMATED PROJECT COST</u> DESIGN 244.0 RIGHT-OF-WAY - CONSTRUCTION 2,908.0 OTHER 812.0 INFLATION 436.0 PROJECT TOTAL 4,400.0		
PROJECT TITLE: Pressure Tank Replacement DESCRIPTION: Replace ten pressure tanks per year at water wells and booster stations. Approximately 250 pressure tanks older than 20 years are inspected annually. Those not meeting city boiler/pressure vessel code requirements are replaced.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	-	-	-	-	450.0	450.0	900.0	-	900.0
2000 Water Revenue Bonds	85	-	-	350.0	350.0	450.0	450.0	-	-	1,250.0	-	1,250.0
Unfunded Requirements	100	-	-	-	-	-	-	-	-	-	2,250.0	2,250.0
TOTAL			-	-	350.0	450.0	450.0	450.0	450.0	2,150.0	2,250.0	4,400.0
INFLATION ADJUSTMENT:						13.0	26.0	38.0	50.0	127.0	309.0	436.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Source Development (7510)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W087 <u>ESTIMATED PROJECT COST</u> DESIGN 100.0 RIGHT-OF-WAY 664.0 CONSTRUCTION 392.0 OTHER - INFLATION 124.0 PROJECT TOTAL 1,280.0		
PROJECT TITLE: Production Well Sites DESCRIPTION: Acquire well sites to meet future demand for groundwater production and to replace obsolete water wells. Thirty percent of this project is included in the Southeast Area Plan and twenty percent of this project is included in the Southwest Area Plan.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	-	-	-	-	128.0	128.0	256.0	-	256.0
2000 Water Revenue Bonds	85	-	-	128.0	128.0	128.0	128.0	-	-	384.0	-	384.0
Unfunded Requirements	100	-	-	-	-	-	-	-	-	-	640.0	640.0
TOTAL			-	-	128.0	128.0	128.0	128.0	128.0	640.0	640.0	1,280.0
INFLATION ADJUSTMENT:						4.0	7.0	11.0	14.0	36.0	88.0	124.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Potable Source Development (7510)						WARD: City/County START DATE: 9/00 END DATE: 6/02				PROJECT NUMBER: W350 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 100.0 INFLATION - PROJECT TOTAL 100.0		
PROJECT TITLE: Radon and Arsenic Evaluation DESCRIPTION: This project provides for an evaluation of and response to potential impacts of proposed arsenic and radon rules on Tucson Water, and the cost impacts once the regulations are adopted.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	25.0	75.0	-	75.0	-	-	-	-	75.0	-	100.0
TOTAL			25.0	75.0	-	75.0	-	-	-	-	-	100.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Source Development (7510)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: WA99 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 12,431.0 INFLATION 1,885.0 PROJECT TOTAL 14,316.0		
PROJECT TITLE: Unanticipated Source Development Projects DESCRIPTION: This project will provide funding for unanticipated source development projects and will be used as a drawdown account as specific projects are identified in the year of implementation.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	55.0	55.0	55.0	55.0	750.0	1,001.0	1,916.0	-	1,916.0
Unfunded Requirements	100	-	-	-	-	-	-	-	-	-	12,400.0	12,400.0
TOTAL			-	-	55.0	55.0	55.0	750.0	1,001.0	1,916.0	12,400.0	14,316.0
INFLATION ADJUSTMENT:						2.0	3.0	64.0	112.0	181.0	1,704.0	1,885.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Potable Source Development (7510)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W077 <u>ESTIMATED PROJECT COST</u> DESIGN 341.0 RIGHT-OF-WAY - CONSTRUCTION 146.0 OTHER 2,405.0 INFLATION 288.0 PROJECT TOTAL 3,180.0			
PROJECT TITLE: Well Field Upgrades DESCRIPTION: Replace obsolete pumps and electric motors at water wells to maximize production capacity.													
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund		81	-	-	-	-	-	-	160.0	-	160.0	-	160.0
2000 Water Revenue Bonds		85	-	-	388.0	388.0	388.0	388.0	-	-	1,164.0	-	1,164.0
Unfunded Requirements		100	-	-	-	-	-	-	128.0	288.0	416.0	1,440.0	1,856.0
TOTAL			-	-	388.0	388.0	388.0	388.0	288.0	288.0	1,740.0	1,440.0	3,180.0
INFLATION ADJUSTMENT:						11.0	22.0	25.0	32.0	90.0	198.0	288.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-		

DEPARTMENT CAPITAL IMPROVEMENT PROGRAM STATEMENT

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 28,721,000

PROGRAM AREA: Recharge and Recovery

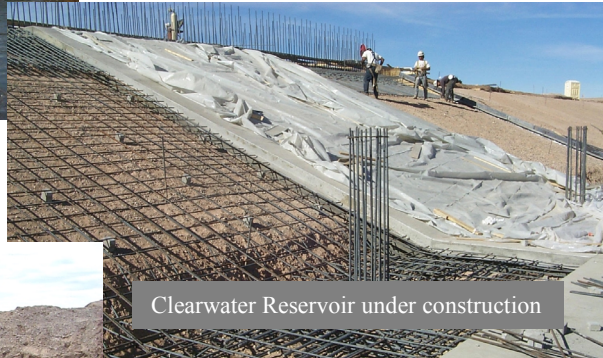
This program funds projects to meet the requirements of the Water Consumer Protection Act:

- Recharge and recovery of Colorado River water
- Recharge of Tucson Airport Remediation Project (TARP) water



Recharge basin in Avra Valley

Colorado River water is delivered to recharge basins in Avra Valley, where it percolates down and mixes with groundwater. The recovered water is pumped into the Clearwater Reservoir.



Clearwater Reservoir under construction



Pipeline and booster pumps under construction

A pipeline takes recovered water from the Clearwater Reservoir to nearby booster pumps that send the water to the Hayden-Udall Treatment Plant, where it is delivered to the distribution system.



Seven of fourteen booster pumps

When completed in 2003, the Clearwater Renewable Resource Facility will be capable of recharging and recovering 60,000 acre-feet of Colorado River water annually.

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Clearwater Renewable Resource Facility (Formerly CAVSARP)	B - 237	52,473.0	-	14,331.0	14,331.0	10,745.0	-	-	-	25,076.0	-	77,549.0
Water Revenue and Operations Fund		26,262.8	-	2,118.0	2,118.0	2,776.0	-	-	-	4,894.0	-	31,156.8
1994 Water Revenue Bonds Series C		18,308.5	-	-	-	-	-	-	-	-	-	18,308.5
2000 Water Revenue Bonds		2,405.2	-	4,406.0	4,406.0	6,395.0	-	-	-	10,801.0	-	13,206.2
2000 Water Revenue Bond Interest		-	-	600.0	600.0	600.0	-	-	-	1,200.0	-	1,200.0
2000 WIFA Bonds Series A		-	-	745.0	745.0	-	-	-	-	745.0	-	745.0
2000 WIFA Bonds Series B		-	-	5,500.0	5,500.0	-	-	-	-	5,500.0	-	5,500.0
Central Arizona Project Reserve Fund		5,496.5	-	962.0	962.0	974.0	-	-	-	1,936.0	-	7,432.5
Clearwater Operational Startup Plan	B - 237	245.0	-	258.0	258.0	-	-	-	-	258.0	-	503.0
Water Revenue and Operations Fund		245.0	-	258.0	258.0	-	-	-	-	258.0	-	503.0
Install Manholes: Clearwater Renewable Resource Facility Transmission Main	B - 238	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
2000 Water Revenue Bonds		-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
Pima Mine Road Recharge, Phase II	B - 238	795.0	805.0	1,080.0	1,885.0	-	-	-	-	1,885.0	-	2,680.0
1994 Water Revenue Bonds Series C		7.5	-	-	-	-	-	-	-	-	-	7.5
1994 Water Revenue Bonds Series D		542.5	-	-	-	-	-	-	-	-	-	542.5
2000 Water Revenue Bonds		245.0	805.0	1,080.0	1,885.0	-	-	-	-	1,885.0	-	2,130.0
Tucson Airport Remediation Project (TARP) Recharge	B - 239	131.0	-	250.0	250.0	101.0	1,001.0	-	-	1,352.0	-	1,483.0
1994 Water Revenue Bonds Series A		35.0	-	-	-	-	-	-	-	-	-	35.0
1994 Water Revenue Bonds Series B		5.3	-	-	-	-	-	-	-	-	-	5.3
1994 Water Revenue Bonds Series C		57.5	-	-	-	-	-	-	-	-	-	57.5
1994 Water Revenue Bonds Series D		33.2	-	-	-	-	-	-	-	-	-	33.2
2000 Water Revenue Bonds		-	-	250.0	250.0	101.0	1,001.0	-	-	1,352.0	-	1,352.0
TOTAL		53,644.0	805.0	16,069.0	16,874.0	10,846.0	1,001.0	-	-	28,721.0	-	82,365.0

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
<u>Source of Funds</u>	<u>Fund No.</u>											
Water Revenue and Operations Fund	81	26,507.8	-	2,376.0	2,376.0	2,776.0	-	-	-	5,152.0	-	31,659.8
1994 Water Revenue Bonds Series A	88	35.0	-	-	-	-	-	-	-	-	-	35.0
1994 Water Revenue Bonds Series B	89	5.3	-	-	-	-	-	-	-	-	-	5.3
1994 Water Revenue Bonds Series C	79	18,373.5	-	-	-	-	-	-	-	-	-	18,373.5
1994 Water Revenue Bonds Series D	80	575.7	-	-	-	-	-	-	-	-	-	575.7
2000 Water Revenue Bonds	85	2,650.2	805.0	5,886.0	6,691.0	6,496.0	1,001.0	-	-	14,188.0	-	16,838.2
2000 Water Revenue Bond Interest	85I	-	-	600.0	600.0	600.0	-	-	-	1,200.0	-	1,200.0
2000 WIFA Bonds Series A	96	-	-	745.0	745.0	-	-	-	-	745.0	-	745.0
2000 WIFA Bonds Series B	84	-	-	5,500.0	5,500.0	-	-	-	-	5,500.0	-	5,500.0
Central Arizona Project Reserve Fund	83	5,496.5	-	962.0	962.0	974.0	-	-	-	1,936.0	-	7,432.5
TOTAL		53,644.0	805.0	16,069.0	16,874.0	10,846.0	1,001.0	-	-	28,721.0	-	82,365.0
Inflation Adjustment				-	-	315.0	57.0	-	-	372.0	-	372.0
Annual Operating Cost				-	-	4,300.0	4,830.0	4,930.0	5,270.0	19,330.0		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Recharge and Recovery (7511)						WARD: City/County				PROJECT NUMBER: W093		
PROJECT TITLE: Clearwater Renewable Resource Facility (Formerly CAVSARP)						START DATE: 1/96						
						END DATE: 6/03						
DESCRIPTION: Construct new Avra Valley wells and recharge basins that will be capable of recharging 60,000 acre-feet of water annually. Beginning in 2001, the wells will recover about 20,000 acre-feet of recharged water, expanding to 60,000 acre-feet when complete in 2003. A ten million gallon capacity reservoir will be constructed to hold the recovered water. A pipeline will be built to carry the recovered water to the Hayden-Udall Treatment Plant and then on to the reservoir near the Starr Pass Resort, where it will be delivered throughout the distribution system. This project will reduce and prevent land surface subsidence and will use the potable system's existing infrastructure as much as possible.										ESTIMATED PROJECT COST		
										DESIGN 10,502.6		
										RIGHT-OF-WAY 326.2		
										CONSTRUCTION 65,146.5		
										OTHER 1,261.7		
										INFLATION 312.0		
										PROJECT TOTAL 77,549.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	26,262.8	-	2,118.0	2,118.0	2,776.0	-	-	-	4,894.0	-	31,156.8
1994 Water Revenue Bonds Series C	79	18,308.5	-	-	-	-	-	-	-	-	-	18,308.5
2000 Water Revenue Bonds	85	2,405.2	-	4,406.0	4,406.0	6,395.0	-	-	-	10,801.0	-	13,206.2
2000 Water Revenue Bond Interest	85I	-	-	600.0	600.0	600.0	-	-	-	1,200.0	-	1,200.0
2000 WIFA Bonds Series A	96	-	-	745.0	745.0	-	-	-	-	745.0	-	745.0
2000 WIFA Bonds Series B	84	-	-	5,500.0	5,500.0	-	-	-	-	5,500.0	-	5,500.0
Central Arizona Project Reserve Fund	83	5,496.5	-	962.0	962.0	974.0	-	-	-	1,936.0	-	7,432.5
TOTAL		52,473.0	-	14,331.0	14,331.0	10,745.0	-	-	-	25,076.0	-	77,549.0
INFLATION ADJUSTMENT:						312.0				312.0		
ANNUAL OPERATING COST:						-				-		
						4,300.0				4,830.0		
						4,930.0				5,270.0		
						19,330.0						

DEPARTMENT: Tucson Water - Recharge and Recovery (7511)						WARD: City/County				PROJECT NUMBER: W354		
PROJECT TITLE: Clearwater Operational Startup Plan						START DATE: 1/01						
						END DATE: 6/02						
DESCRIPTION: Consultant services to develop Tucson Water's initial and long-term operation of the Clearwater Renewable Resource Facility. This will include the development and implementation of an operational plan addressing startup and shakedown strategies, sequencing, and scheduling as the facility transitions into routine operations.										ESTIMATED PROJECT COST		
										DESIGN 257.0		
										RIGHT-OF-WAY -		
										CONSTRUCTION 246.0		
										OTHER -		
										INFLATION -		
										PROJECT TOTAL 503.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	245.0	-	258.0	258.0	-	-	-	-	258.0	-	503.0
TOTAL		245.0	-	258.0	258.0	-	-	-	-	258.0	-	503.0
INFLATION ADJUSTMENT:						-				-		
ANNUAL OPERATING COST:						-				-		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Recharge and Recovery (7511) PROJECT TITLE: Install Manholes: Clearwater Renewable Resource Facility Transmission Main DESCRIPTION: Investigation, excavation, and raising of thirty manholes along the 60-inch Clearwater Renewable Resource Facility (CRRF) steel pipeline. The raised manholes will provide ingress and egress to pipeline interior for inspection purposes and reduce the risks associated with confined spaces.						WARD: City/County START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: W332 <u>ESTIMATED PROJECT COST</u> DESIGN 19.0 RIGHT-OF-WAY - CONSTRUCTION 131.0 OTHER - INFLATION - PROJECT TOTAL 150.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
TOTAL		-	-	150.0	150.0	-	-	-	-	150.0	-	150.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Recharge and Recovery (7511) PROJECT TITLE: Pima Mine Road Recharge, Phase II DESCRIPTION: This phase of the Pima Mine Road Project, located at Pima Mine Road, east of the Santa Cruz River, will take the facility to full capacity and recharge an additional 20,000 acre-feet per year (up from the current 10,000 acre-feet). This project will be co-sponsored by the Central Arizona Water Conservation District, which will pay 50% of project costs.						WARD: City/County START DATE: 7/99 END DATE: 6/02				PROJECT NUMBER: W559 <u>ESTIMATED PROJECT COST</u> DESIGN 328.2 RIGHT-OF-WAY - CONSTRUCTION 2,197.8 OTHER 154.0 INFLATION - PROJECT TOTAL 2,680.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 Water Revenue Bonds Series C	79	7.5	-	-	-	-	-	-	-	-	-	7.5
1994 Water Revenue Bonds Series D	80	542.5	-	-	-	-	-	-	-	-	-	542.5
2000 Water Revenue Bonds	85	245.0	805.0	1,080.0	1,885.0	-	-	-	-	1,885.0	-	2,130.0
TOTAL		795.0	805.0	1,080.0	1,885.0	-	-	-	-	1,885.0	-	2,680.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Recharge and Recovery (7511)						WARD: 1 START DATE: 12/95 END DATE: 6/04				PROJECT NUMBER: W094 <u>ESTIMATED PROJECT COST</u> DESIGN 200.0 RIGHT-OF-WAY - CONSTRUCTION 1,211.2 OTHER 11.8 INFLATION 60.0 PROJECT TOTAL 1,483.0			
PROJECT TITLE: Tucson Airport Remediation Project (TARP) Recharge													
DESCRIPTION: In 1989 the Environmental Protection Agency mandated that responsible parties clean up contamination in the groundwater plume in the vicinity of Tucson International Airport. A facility was constructed to treat the contaminated water. This project provides for the alternative use of TARP water by designing and constructing a recharge component.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
1994 Water Revenue Bonds Series A	88	35.0	-	-	-	-	-	-	-	-	-	35.0	
1994 Water Revenue Bonds Series B	89	5.3	-	-	-	-	-	-	-	-	-	5.3	
1994 Water Revenue Bonds Series C	79	57.5	-	-	-	-	-	-	-	-	-	57.5	
1994 Water Revenue Bonds Series D	80	33.2	-	-	-	-	-	-	-	-	-	33.2	
2000 Water Revenue Bonds	85	-	-	250.0	250.0	101.0	1,001.0	-	-	1,352.0	-	1,352.0	
TOTAL			131.0	-	250.0	250.0	101.0	1,001.0	-	-	1,352.0	-	1,483.0
INFLATION ADJUSTMENT:						3.0				57.0			
ANNUAL OPERATING COST:						-				-			

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 18,962,000

PROGRAM AREA: Potable Storage

The Potable Storage program consists of reservoirs and related capital improvements to enhance operational reliability and flexibility in water delivery. As a result of this program, the need to install water supply wells and large pipelines to meet peak summer demands is reduced. Reservoirs also help provide adequate water volumes, flow rates, and pressure for fire protection service. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility

The program contains the following types of projects:

- Modify and improve existing reservoirs with liners, piping, flow meters, electrical controls, and disinfecting equipment
- Construct new reservoirs and storage tanks
- Acquire land on which to place reservoirs

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Danforth Reservoir Electrical, Control, and Disinfection Building	B - 244	-	-	20.0	20.0	132.0	-	-	-	152.0	-	152.0
2000 Water Revenue Bonds		-	-	20.0	20.0	132.0	-	-	-	152.0	-	152.0
Devine Reservoir Vault and Piping Modifications	B - 244	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0
2000 Water Revenue Bonds		-	-	600.0	600.0	-	-	-	-	600.0	-	600.0
Diamond Bell Ranch I-Zone Reservoir and Booster Station	B - 245	29.0	3.0	-	3.0	-	17.0	-	660.0	680.0	-	709.0
Water Revenue and Operations Fund		-	-	-	-	-	17.0	-	660.0	677.0	-	677.0
1994 Water Revenue Bonds Series C		8.4	-	-	-	-	-	-	-	-	-	8.4
1994 Water Revenue Bonds Series D		6.6	-	-	-	-	-	-	-	-	-	6.6
2000 Water Revenue Bonds		14.0	3.0	-	3.0	-	-	-	-	3.0	-	17.0
Los Reales Reservoir Site	B - 245	-	-	-	-	-	116.0	400.0	-	516.0	-	516.0
2000 Water Revenue Bonds		-	-	-	-	-	116.0	-	-	116.0	-	116.0
Unfunded Requirements		-	-	-	-	-	-	400.0	-	400.0	-	400.0
Manzanita Tank Modifications	B - 246	31.0	-	383.0	383.0	-	-	-	-	383.0	-	414.0
2000 Water Revenue Bonds		31.0	-	383.0	383.0	-	-	-	-	383.0	-	414.0
Murphy Reservoir Piping Modifications	B - 246	-	-	-	-	50.0	500.0	-	-	550.0	-	550.0
Water Revenue and Operations Fund		-	-	-	-	50.0	500.0	-	-	550.0	-	550.0
Peppertree Ranch Y-Zone Reservoir	B - 247	10.8	-	-	-	22.0	220.0	220.0	1,760.0	2,222.0	441.0	2,673.8
1994 Water Revenue Bonds Series C		0.8	-	-	-	-	-	-	-	-	-	0.8
2000 Water Revenue Bonds		10.0	-	-	-	22.0	220.0	-	-	242.0	-	252.0
Unfunded Requirements		-	-	-	-	-	-	220.0	1,760.0	1,980.0	441.0	2,421.0
Reservoir Disinfection System Upgrades	B - 247	90.0	-	750.0	750.0	750.0	750.0	350.0	210.0	2,810.0	-	2,900.0
1994 Water Revenue Bonds Series C		2.8	-	-	-	-	-	-	-	-	-	2.8
1994 Water Revenue Bonds Series D		27.2	-	-	-	-	-	-	-	-	-	27.2
2000 Water Revenue Bonds		60.0	-	750.0	750.0	750.0	750.0	-	-	2,250.0	-	2,310.0
2000 Water Revenue Bond Interest		-	-	-	-	-	-	100.0	-	100.0	-	100.0
Central Arizona Project Reserve Fund		-	-	-	-	-	-	9.0	-	9.0	-	9.0
Unfunded Requirements		-	-	-	-	-	-	241.0	210.0	451.0	-	451.0
Reservoir Wall and Roof Improvements	B - 248	-	-	204.0	204.0	204.0	204.0	204.0	204.0	1,020.0	1,020.0	2,040.0
2000 Water Revenue Bonds		-	-	204.0	204.0	204.0	204.0	-	-	612.0	-	612.0
Unfunded Requirements		-	-	-	-	-	-	204.0	204.0	408.0	1,020.0	1,428.0

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Southeast Area E-Zone Storage	B - 248	-	-	-	-	-	75.0	400.0	-	475.0	-	475.0
Water Revenue and Operations Fund		-	-	-	-	-	75.0	400.0	-	475.0	-	475.0
Southeast Area F-Zone Storage	B - 249	-	-	-	-	-	-	75.0	400.0	475.0	-	475.0
Water Revenue and Operations Fund		-	-	-	-	-	-	75.0	-	75.0	-	75.0
Unfunded Requirements		-	-	-	-	-	-	-	400.0	400.0	-	400.0
Southeast D-Zone Reservoir and Booster	B - 249	339.8	-	1,300.0	1,300.0	1,782.0	-	-	-	3,082.0	-	3,421.8
Water Revenue and Operations Fund		31.5	-	-	-	-	-	-	-	-	-	31.5
1994 Water Revenue Bonds Series C		57.6	-	-	-	-	-	-	-	-	-	57.6
1994 Water Revenue Bonds Series D		250.7	-	-	-	-	-	-	-	-	-	250.7
2000 Water Revenue Bonds		-	-	-	-	1,782.0	-	-	-	1,782.0	-	1,782.0
2000 WIFA Bonds Series B		-	-	1,300.0	1,300.0	-	-	-	-	1,300.0	-	1,300.0
Twenty-Second Street Reservoir Modifications (Liner)	B - 250	-	-	-	-	-	-	-	352.0	352.0	-	352.0
Unfunded Requirements		-	-	-	-	-	-	-	352.0	352.0	-	352.0
Twenty-Second Street Reservoir Modifications (Vault)	B - 250	-	-	30.0	30.0	660.0	-	-	-	690.0	-	690.0
2000 Water Revenue Bonds		-	-	30.0	30.0	660.0	-	-	-	690.0	-	690.0
Unanticipated General Storage Improvements	B - 251	-	-	55.0	55.0	55.0	500.0	1,000.0	1,600.0	3,210.0	10,000.0	13,210.0
Water Revenue and Operations Fund		-	-	55.0	55.0	55.0	500.0	1,000.0	1,600.0	3,210.0	-	3,210.0
Unfunded Requirements		-	-	-	-	-	-	-	-	-	10,000.0	10,000.0
Valley View Reservoir Vault and Piping Modifications	B - 251	-	-	50.0	50.0	500.0	-	-	-	550.0	-	550.0
2000 Water Revenue Bonds		-	-	50.0	50.0	500.0	-	-	-	550.0	-	550.0
Westside C-Zone Reservoir	B - 252	-	-	-	-	115.0	824.0	256.0	-	1,195.0	-	1,195.0
2000 Water Revenue Bonds		-	-	-	-	115.0	824.0	-	-	939.0	-	939.0
Unfunded Requirements		-	-	-	-	-	-	256.0	-	256.0	-	256.0
TOTAL		500.6	3.0	3,392.0	3,395.0	4,270.0	3,206.0	2,905.0	5,186.0	18,962.0	11,461.0	30,923.6

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
<u>Source of Funds</u>	<u>Fund No.</u>											
Water Revenue and Operations Fund	81	31.5	-	55.0	55.0	105.0	1,092.0	1,475.0	2,260.0	4,987.0	-	5,018.5
1994 Water Revenue Bonds Series C	79	69.6	-	-	-	-	-	-	-	-	-	69.6
1994 Water Revenue Bonds Series D	80	284.5	-	-	-	-	-	-	-	-	-	284.5
2000 Water Revenue Bonds	85	115.0	3.0	2,037.0	2,040.0	4,165.0	2,114.0	-	-	8,319.0	-	8,434.0
2000 Water Revenue Bond Interest	85I	-	-	-	-	-	-	100.0	-	100.0	-	100.0
2000 WIFA Bonds Series B	84	-	-	1,300.0	1,300.0	-	-	-	-	1,300.0	-	1,300.0
Central Arizona Project Reserve Fund	83	-	-	-	-	-	-	9.0	-	9.0	-	9.0
Unfunded Requirements	100	-	-	-	-	-	-	1,321.0	2,926.0	4,247.0	11,461.0	15,708.0
TOTAL		500.6	3.0	3,392.0	3,395.0	4,270.0	3,206.0	2,905.0	5,186.0	18,962.0	11,461.0	30,923.6
Inflation Adjustment				-	-	125.0	185.0	246.0	578.0	1,134.0	1,575.0	2,709.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS
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DEPARTMENT: Tucson Water - Potable Storage (7520)							WARD: 4				PROJECT NUMBER: W361		
PROJECT TITLE: Danforth Reservoir Electrical, Control, and Disinfection Building							START DATE: 7/01				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a new electrical, control, and disinfection building at the Danforth Reservoir, located at Golf Links and Harrison, to protect existing electrical and control equipment and provide disinfection containment.							END DATE: 6/03				DESIGN 20.0 RIGHT-OF-WAY - CONSTRUCTION 128.0 OTHER - INFLATION 4.0 PROJECT TOTAL 152.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	-	-	20.0	20.0	132.0	-	-	-	152.0	-	152.0	
TOTAL			-	20.0	20.0	132.0	-	-	-	152.0	-	152.0	
INFLATION ADJUSTMENT:							4.0	-	-	-	4.0	-	4.0
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Storage (7520)							WARD: County				PROJECT NUMBER: W319		
PROJECT TITLE: Devine Reservoir Vault and Piping Modifications							START DATE: 7/01				ESTIMATED PROJECT COST		
DESCRIPTION: Design and install inflow and outflow piping, flowmeters, valving, and disinfection equipment to ensure operational reliability. This reservoir is located at the northeast corner of First Avenue and Rudasill Road.							END DATE: 6/02				DESIGN 6.0 RIGHT-OF-WAY - CONSTRUCTION 594.0 OTHER - INFLATION - PROJECT TOTAL 600.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	-	-	600.0	600.0	-	-	-	-	600.0	-	600.0	
TOTAL			-	600.0	600.0	-	-	-	-	600.0	-	600.0	
INFLATION ADJUSTMENT:							-	-	-	-	-	-	-
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Storage (7520)							WARD: County			PROJECT NUMBER: W224			
PROJECT TITLE: Diamond Bell Ranch I-Zone Reservoir and Booster Station							START DATE: 7/99						
DESCRIPTION: Acquire a site, design, and construct a reservoir and booster station at Diamond Bell Ranch, about six miles south of the Ajo Highway and Sasabe Road, to meet future demand.							END DATE: 5/06			ESTIMATED PROJECT COST			
										DESIGN 42.7			
										RIGHT-OF-WAY 40.3			
										CONSTRUCTION 551.0			
										OTHER -			
										INFLATION 75.0			
										PROJECT TOTAL 709.0			
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Water Revenue and Operations Fund	81	-	-	-	-	-	17.0	-	660.0	677.0	-	677.0	
1994 Water Revenue Bonds Series C	79	8.4	-	-	-	-	-	-	-	-	-	8.4	
1994 Water Revenue Bonds Series D	80	6.6	-	-	-	-	-	-	-	-	-	6.6	
2000 Water Revenue Bonds	85	14.0	3.0	-	3.0	-	-	-	-	3.0	-	17.0	
TOTAL			29.0	3.0	-	3.0	-	17.0	-	660.0	680.0	-	709.0
INFLATION ADJUSTMENT:							-	1.0	-	74.0	75.0	-	75.0
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Storage (7520)							WARD: 4			PROJECT NUMBER: W259			
PROJECT TITLE: Los Reales Reservoir Site							START DATE: 7/03						
DESCRIPTION: Acquire a site for a 30 million gallon reservoir to provide system reliability and manage peak demands in the Southeast C-Zone, in the area near Valencia Road and the Old Nogales Highway. This project is part of the Southeast Area Plan.							END DATE: 6/05			ESTIMATED PROJECT COST			
										DESIGN -			
										RIGHT-OF-WAY 475.0			
										CONSTRUCTION -			
										OTHER -			
										INFLATION 41.0			
										PROJECT TOTAL 516.0			
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	-	-	-	-	-	116.0	-	-	116.0	-	116.0	
Unfunded Requirements	100	-	-	-	-	-	-	400.0	-	400.0	-	400.0	
TOTAL			-	-	-	-	116.0	400.0	-	516.0	-	516.0	
INFLATION ADJUSTMENT:							-	7.0	34.0	-	41.0	-	41.0
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Storage (7520)						WARD: County START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: W256 <u>ESTIMATED PROJECT COST</u> DESIGN 31.0 RIGHT-OF-WAY - CONSTRUCTION 383.0 OTHER - INFLATION - PROJECT TOTAL 414.0		
PROJECT TITLE: Manzanita Tank Modifications DESCRIPTION: Design and construct modifications to the control and disinfection systems including valves, flowmeters, sampling ports, and plant piping to improve flow of water through the existing storage facility.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	31.0	-	383.0	383.0	-	-	-	-	383.0	-	414.0
TOTAL		31.0	-	383.0	383.0	-	-	-	-	383.0	-	414.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Storage (7520)						WARD: County START DATE: 7/02 END DATE: 6/04				PROJECT NUMBER: W333 <u>ESTIMATED PROJECT COST</u> DESIGN 49.0 RIGHT-OF-WAY - CONSTRUCTION 471.0 OTHER - INFLATION 30.0 PROJECT TOTAL 550.0		
PROJECT TITLE: Murphy Reservoir Piping Modifications DESCRIPTION: Design and install new inflow and outflow piping, concrete vaults, flowmeters, valving, and control and electrical equipment to provide proper circulation of stored water and to ensure water flow.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	-	-	50.0	500.0	-	-	550.0	-	550.0
TOTAL		-	-	-	-	50.0	500.0	-	-	550.0	-	550.0
INFLATION ADJUSTMENT:						1.0	29.0	-	-	30.0	-	30.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Storage (7520)							WARD: County START DATE: 7/99 END DATE: 6/08				PROJECT NUMBER: W226 ESTIMATED PROJECT COST DESIGN 86.8 RIGHT-OF-WAY 364.0 CONSTRUCTION 1,933.0 OTHER 0.0 INFLATION 290.0 PROJECT TOTAL 2,673.8					
PROJECT TITLE: Peppertree Ranch Y-Zone Reservoir DESCRIPTION: Acquire a site near Cortaro Road and Silverbell Road to design and construct a five million gallon Y-Zone reservoir to correct pressure difficulties and provide adequate fireflow and domestic supply for the area. Currently, these difficulties are resolved by water provided from the distant Z-Zone.																
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT				
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006							
1994 Water Revenue Bonds Series C	79	0.8	-	-	-	-	-	-	-	-	-	0.8				
2000 Water Revenue Bonds	85	10.0	-	-	-	22.0	220.0	-	-	242.0	-	252.0				
Unfunded Requirements	100	-	-	-	-	-	-	220.0	1,760.0	1,980.0	441.0	2,421.0				
TOTAL			10.8	-	-	-	22.0	220.0	220.0	1,760.0	2,222.0	441.0	2,673.8			
INFLATION ADJUSTMENT:						1.0	13.0	19.0	196.0	229.0	61.0	290.0				
ANNUAL OPERATING COST:						-	-	-	-	-	-	-				

DEPARTMENT: Tucson Water - Potable Storage (7520)							WARD: City/County START DATE: 7/99 END DATE: 6/06				PROJECT NUMBER: W221 ESTIMATED PROJECT COST DESIGN 182.8 RIGHT-OF-WAY 1.0 CONSTRUCTION 2,599.2 OTHER - INFLATION 117.0 PROJECT TOTAL 2,900.0					
PROJECT TITLE: Reservoir Disinfection System Upgrades DESCRIPTION: Modify and replace deteriorated and obsolete disinfection equipment at reservoirs as needed.																
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT				
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006							
1994 Water Revenue Bonds Series C	79	2.8	-	-	-	-	-	-	-	-	-	2.8				
1994 Water Revenue Bonds Series D	80	27.2	-	-	-	-	-	-	-	-	-	27.2				
2000 Water Revenue Bonds	85	60.0	-	750.0	750.0	750.0	750.0	-	-	2,250.0	-	2,310.0				
2000 Water Revenue Bond Interest	85I	-	-	-	-	-	-	100.0	-	100.0	-	100.0				
Central Arizona Project Reserve Fund	83	-	-	-	-	-	-	9.0	-	9.0	-	9.0				
Unfunded Requirements	100	-	-	-	-	-	-	241.0	210.0	451.0	-	451.0				
TOTAL			90.0	-	750.0	750.0	750.0	350.0	210.0	2,810.0	-	2,900.0				
INFLATION ADJUSTMENT:						22.0	43.0	29.0	23.0	117.0	-	117.0				
ANNUAL OPERATING COST:						-	-	-	-	-	-	-				

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Storage (7520)						WARD: City/County				PROJECT NUMBER: W996		
PROJECT TITLE: Reservoir Wall and Roof Improvements						START DATE: 7/01				ESTIMATED PROJECT COST		
DESCRIPTION: Inspect, design, and construct necessary wall and roof improvements and modifications to ensure reservoirs are secure and sealed from the elements.						END DATE: Annual				DESIGN 231.0 RIGHT-OF-WAY - CONSTRUCTION 1,611.0 OTHER - INFLATION 198.0 PROJECT TOTAL 2,040.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	204.0	204.0	204.0	204.0	-	-	612.0	-	612.0
Unfunded Requirements	100	-	-	-	-	-	-	204.0	204.0	408.0	1,020.0	1,428.0
TOTAL			-	-	204.0	204.0	204.0	204.0	204.0	1,020.0	1,020.0	2,040.0
INFLATION ADJUSTMENT:						6.0	12.0	17.0	23.0	58.0	140.0	198.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Storage (7520)						WARD: 4				PROJECT NUMBER: W340		
PROJECT TITLE: Southeast Area E-Zone Storage						START DATE: 7/03				ESTIMATED PROJECT COST		
DESCRIPTION: Acquire a site, design, and construct a reservoir in the E-Zone, parallel to Interstate 10. This project is included in the Southeast Area Plan.						END DATE: 6/05				DESIGN 40.0 RIGHT-OF-WAY 389.0 CONSTRUCTION 8.0 OTHER - INFLATION 38.0 PROJECT TOTAL 475.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	-	-	-	75.0	400.0	-	475.0	-	475.0
TOTAL			-	-	-	-	75.0	400.0	-	475.0	-	475.0
INFLATION ADJUSTMENT:						-	4.0	34.0	-	38.0	-	38.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Tucson Water - Potable Storage (7520)							WARD: 4			PROJECT NUMBER: W341			
PROJECT TITLE: Southeast Area F-Zone Storage							START DATE: 7/04						
DESCRIPTION: Acquire a site, design, and construct a reservoir in the F-Zone, parallel to Interstate 10. This project is included in the Southeast Area Plan.							END DATE: 6/06			ESTIMATED PROJECT COST			
										DESIGN 39.0			
										RIGHT-OF-WAY 30.0			
										CONSTRUCTION 355.0			
										OTHER -			
										INFLATION 51.0			
										PROJECT TOTAL 475.0			
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund		81	-	-	-	-	-	-	75.0	-	75.0	-	75.0
Unfunded Requirements		100	-	-	-	-	-	-	-	400.0	400.0	-	400.0
TOTAL			-	-	-	-	-	-	75.0	400.0	475.0	-	475.0
INFLATION ADJUSTMENT:										6.0		45.0	51.0
ANNUAL OPERATING COST:													51.0

DEPARTMENT: Tucson Water - Potable Storage (7520)							WARD: City/County			PROJECT NUMBER: W196			
PROJECT TITLE: Southeast D-Zone Reservoir and Booster							START DATE: 7/98						
DESCRIPTION: Design and construct a five million gallon reservoir and a ten million gallon per day booster station to provide gravity fire protection for the area in the vicinity of the airport, provide additional water supply for southeast area customers, and achieve greater operational efficiencies. The facility will be located near the intersection of Swan and Herman Roads and is part of the Southeast Area Plan.							END DATE: 6/03			ESTIMATED PROJECT COST			
										DESIGN 119.8			
										RIGHT-OF-WAY 30.0			
										CONSTRUCTION 3,219.8			
										OTHER 0.2			
										INFLATION 52.0			
										PROJECT TOTAL 3,421.8			
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund		81	31.5	-	-	-	-	-	-	-	-	-	31.5
1994 Water Revenue Bonds Series C		79	57.6	-	-	-	-	-	-	-	-	-	57.6
1994 Water Revenue Bonds Series D		80	250.7	-	-	-	-	-	-	-	-	-	250.7
2000 Water Revenue Bonds		85	-	-	-	-	1,782.0	-	-	-	1,782.0	-	1,782.0
2000 WIFA Bonds Series B		84	-	-	1,300.0	1,300.0	-	-	-	-	1,300.0	-	1,300.0
TOTAL			339.8	-	1,300.0	1,300.0	1,782.0	-	-	-	3,082.0	-	3,421.8
INFLATION ADJUSTMENT:										52.0			52.0
ANNUAL OPERATING COST:													52.0

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Storage (7520)							WARD: 5			PROJECT NUMBER: W197		
PROJECT TITLE: Twenty-Second Street Reservoir Modifications (Liner)							START DATE: 7/05			ESTIMATED PROJECT COST		
DESCRIPTION: Design and install a new liner, inflow and outflow piping, flowmeters, valving, and disinfection equipment to provide proper circulation for stored water and to ensure operational reliability. This facility is located near the intersection of Beverly and 22nd Street.							END DATE: 6/06			DESIGN 30.0 RIGHT-OF-WAY - CONSTRUCTION 283.0 OTHER - INFLATION 39.0 PROJECT TOTAL 352.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	-	352.0	352.0	-	352.0
TOTAL			-	-	-	-	-	-	352.0	352.0	-	352.0
INFLATION ADJUSTMENT:						-	-	-	39.0	39.0	-	39.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Storage (7520)							WARD: 5			PROJECT NUMBER: W359		
PROJECT TITLE: Twenty-Second Street Reservoir Modifications (Vault)							START DATE: 7/01			ESTIMATED PROJECT COST		
DESCRIPTION: Design and install new inflow and outflow piping, flowmeters, valving, and disinfection equipment to provide proper circulation for stored water and to ensure water quality. The existing reservoir has only one inlet/outlet pipe, which might lead to water quality problems due to lack of proper circulation.							END DATE: 6/03			DESIGN 115.0 RIGHT-OF-WAY - CONSTRUCTION 556.0 OTHER - INFLATION 19.0 PROJECT TOTAL 690.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	30.0	30.0	660.0	-	-	-	690.0	-	690.0
TOTAL			-	30.0	30.0	660.0	-	-	-	690.0	-	690.0
INFLATION ADJUSTMENT:						19.0	-	-	-	19.0	-	19.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Tucson Water - Potable Storage (7520) PROJECT TITLE: Unanticipated General Storage Improvements DESCRIPTION: Design and construct improvements to storage facilities to assure operational reliability, provide adequate water volume and pressure for fire protection service, and reduce the need to develop additional supplies to meet summer peak demand requirements. This project will be used as a drawdown account as specific projects are identified.						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: WB99 <u>ESTIMATED PROJECT COST</u> DESIGN 1,152.0 RIGHT-OF-WAY - CONSTRUCTION 10,390.0 OTHER - INFLATION 1,668.0 PROJECT TOTAL 13,210.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	55.0	55.0	55.0	500.0	1,000.0	1,600.0	3,210.0	-	3,210.0
Unfunded Requirements	100	-	-	-	-	-	-	-	-	-	10,000.0	10,000.0
TOTAL		-	-	55.0	55.0	55.0	500.0	1,000.0	1,600.0	3,210.0	10,000.0	13,210.0
INFLATION ADJUSTMENT:						2.0	29.0	85.0	178.0	294.0	1,374.0	1,668.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Storage (7520) PROJECT TITLE: Valley View Reservoir Vault and Piping Modifications DESCRIPTION: Design and install new inflow and outflow piping, flowmeters, valving, and disinfection equipment to provide proper circulation for stored water and to ensure water quality.						WARD: County START DATE: 7/01 END DATE: 6/03				PROJECT NUMBER: W360 <u>ESTIMATED PROJECT COST</u> DESIGN 55.0 RIGHT-OF-WAY - CONSTRUCTION 480.0 OTHER - INFLATION 15.0 PROJECT TOTAL 550.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	50.0	50.0	500.0	-	-	-	550.0	-	550.0
TOTAL		-	-	50.0	50.0	500.0	-	-	-	550.0	-	550.0
INFLATION ADJUSTMENT:						15.0	-	-	-	15.0	-	15.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Tucson Water - Potable Storage (7520)						WARD: County START DATE: 7/02 END DATE: 6/05				PROJECT NUMBER: W293 <u>ESTIMATED PROJECT COST</u> DESIGN 40.0 RIGHT-OF-WAY - CONSTRUCTION 859.0 OTHER 224.0 INFLATION 72.0 PROJECT TOTAL 1,195.0		
PROJECT TITLE: Westside C-Zone Reservoir												
DESCRIPTION: Design and construct a 500,000 gallon reservoir to serve the El Camino del Cerro C-Zone area. This gravity storage project will remedy the frequent service interruptions in this area caused by power outages. This facility will be located near the intersection of Camino del Cerro and Sunset Road.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	115.0	824.0	-	-	939.0	-	939.0
Unfunded Requirements	100	-	-	-	-	-	-	256.0	-	256.0	-	256.0
TOTAL			-	-	-	115.0	824.0	256.0	-	1,195.0	-	1,195.0
INFLATION ADJUSTMENT:						3.0	47.0	22.0	-	72.0	-	72.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 8,565,000

PROGRAM AREA: Potable Pumping Plant

The Potable Pumping Plant program funds booster plants, pressure regulating stations, hydroelectric facilities, and related improvements. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility

The program contains the following types of projects:

- Modify and upgrade existing booster stations to meet increased water usage, provide flow rates and pressure for fire protection service, and improve operational reliability and flexibility in water delivery
- Construct new booster stations to effectively transport water to higher elevation areas and assure that water is delivered at pressures within the range established by design criteria
- Construct pressure regulating stations to regulate pressure, control volume, and manage operation of the water system
- Construct hydroelectric facilities to generate electricity

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Clearwell Pressure Regulating Valve Stations - Westside	B - 256	-	-	-	-	50.0	297.0	297.0	297.0	941.0	594.0	1,535.0
2000 Water Revenue Bonds		-	-	-	-	50.0	297.0	-	-	347.0	-	347.0
Unfunded Requirements		-	-	-	-	-	-	297.0	297.0	594.0	594.0	1,188.0
Diamond Bell G-I Zone Booster Modifications	B - 256	200.0	-	-	-	-	20.0	-	170.0	190.0	-	390.0
1994 Water Revenue Bonds Series C		12.7	-	-	-	-	-	-	-	-	-	12.7
1994 Water Revenue Bonds Series D		17.3	-	-	-	-	-	-	-	-	-	17.3
2000 Water Revenue Bonds		170.0	-	-	-	-	20.0	-	-	20.0	-	190.0
Unfunded Requirements		-	-	-	-	-	-	-	170.0	170.0	-	170.0
Fireflow Booster Upgrades	B - 257	-	-	150.0	150.0	25.0	150.0	25.0	150.0	500.0	375.0	875.0
Water Revenue and Operations Fund		-	-	150.0	150.0	25.0	150.0	-	-	325.0	-	325.0
Unfunded Requirements		-	-	-	-	-	-	25.0	150.0	175.0	375.0	550.0
Hydroelectric Facilities	B - 257	-	-	-	-	-	-	150.0	1,000.0	1,150.0	4,050.0	5,200.0
Unfunded Requirements		-	-	-	-	-	-	150.0	1,000.0	1,150.0	4,050.0	5,200.0
I-1 Well and Booster Modifications	B - 258	-	-	-	-	-	-	25.0	25.0	50.0	200.0	250.0
Unfunded Requirements		-	-	-	-	-	-	25.0	25.0	50.0	200.0	250.0
Plant #5 Pumping Plant Modifications	B - 258	57.7	-	500.0	500.0	-	-	-	-	500.0	-	557.7
Water Revenue and Operations Fund		42.7	-	-	-	-	-	-	-	-	-	42.7
2000 Water Revenue Bonds		15.0	-	500.0	500.0	-	-	-	-	500.0	-	515.0
Pressure Regulating Valve Stations Modifications and Replacement	B - 259	22.8	-	100.0	100.0	100.0	100.0	-	-	300.0	-	322.8
Water Revenue and Operations Fund		1.3	-	-	-	-	-	-	-	-	-	1.3
1994 Water Revenue Bonds Series C		21.5	-	-	-	-	-	-	-	-	-	21.5
2000 Water Revenue Bonds		-	-	100.0	100.0	100.0	100.0	-	-	300.0	-	300.0
Pumping Facility Modifications	B - 259	-	70.0	345.0	415.0	345.0	345.0	345.0	345.0	1,795.0	1,725.0	3,520.0
2000 Water Revenue Bonds		-	70.0	345.0	415.0	345.0	345.0	-	-	1,105.0	-	1,105.0
Unfunded Requirements		-	-	-	-	-	-	345.0	345.0	690.0	1,725.0	2,415.0

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Soldier's Trail Permanent Booster	B - 260	136.8	-	20.0	20.0	300.0	-	-	-	320.0	-	456.8
Water Revenue and Operations Fund		36.4	-	-	-	-	-	-	-	-	-	36.4
1994 Water Revenue Bonds Series A		60.9	-	-	-	-	-	-	-	-	-	60.9
1994 Water Revenue Bonds Series B		1.6	-	-	-	-	-	-	-	-	-	1.6
1994 Water Revenue Bonds Series C		4.3	-	-	-	-	-	-	-	-	-	4.3
1994 Water Revenue Bonds Series D		33.6	-	-	-	-	-	-	-	-	-	33.6
2000 Water Revenue Bonds		-	-	20.0	20.0	300.0	-	-	-	320.0	-	320.0
Unanticipated Production Projects	B - 260	-	-	55.0	55.0	55.0	55.0	1,200.0	1,200.0	2,565.0	8,050.0	10,615.0
Water Revenue and Operations Fund		-	-	55.0	55.0	55.0	55.0	1,200.0	1,200.0	2,565.0	8,050.0	10,615.0
W-2 Well and Booster Modifications	B - 261	-	-	254.0	254.0	-	-	-	-	254.0	-	254.0
2000 Water Revenue Bonds		-	-	254.0	254.0	-	-	-	-	254.0	-	254.0
TOTAL		417.3	70.0	1,424.0	1,494.0	875.0	967.0	2,042.0	3,187.0	8,565.0	14,994.0	23,976.3
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	80.4	-	205.0	205.0	80.0	205.0	1,200.0	1,200.0	2,890.0	8,050.0	11,020.4
1994 Water Revenue Bonds Series A	88	60.9	-	-	-	-	-	-	-	-	-	60.9
1994 Water Revenue Bonds Series B	89	1.6	-	-	-	-	-	-	-	-	-	1.6
1994 Water Revenue Bonds Series C	79	38.5	-	-	-	-	-	-	-	-	-	38.5
1994 Water Revenue Bonds Series D	80	50.9	-	-	-	-	-	-	-	-	-	50.9
2000 Water Revenue Bonds	85	185.0	70.0	1,219.0	1,289.0	795.0	762.0	-	-	2,846.0	-	3,031.0
Unfunded Requirements	100	-	-	-	-	-	-	842.0	1,987.0	2,829.0	6,944.0	9,773.0
TOTAL		417.3	70.0	1,424.0	1,494.0	875.0	967.0	2,042.0	3,187.0	8,565.0	14,994.0	23,976.3
Inflation Adjustment				-	-	25.5	56.0	173.0	356.0	610.5	2,060.5	2,671.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable Pumping Plant (7530)						WARD: City/County START DATE: 7/02 END DATE: 6/08				PROJECT NUMBER: W347 <u>ESTIMATED PROJECT COST</u> DESIGN 112.0 RIGHT-OF-WAY 13.0 CONSTRUCTION 1,252.0 OTHER - INFLATION 158.0 PROJECT TOTAL 1,535.0		
PROJECT TITLE: Clearwell Pressure Regulating Valve Stations - Westside DESCRIPTION: Design and construct six pressure regulating valve stations on westside transmission mains to deliver water from the Clearwell Reservoir at the proper pressure.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	50.0	297.0	-	-	347.0	-	347.0
Unfunded Requirements	100	-	-	-	-	-	-	297.0	297.0	594.0	594.0	1,188.0
TOTAL			-	-	-	50.0	297.0	297.0	297.0	941.0	594.0	1,535.0
INFLATION ADJUSTMENT:						1.0	17.0	25.0	33.0	76.0	82.0	158.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Pumping Plant (7530)						WARD: County START DATE: 7/99 END DATE: 6/06				PROJECT NUMBER: W229 <u>ESTIMATED PROJECT COST</u> DESIGN 56.3 RIGHT-OF-WAY 12.7 CONSTRUCTION 301.0 OTHER - INFLATION 20.0 PROJECT TOTAL 390.0		
PROJECT TITLE: Diamond Bell G-I Zone Booster Modifications DESCRIPTION: Increase the booster's ability to pump water to a higher elevation reservoir by replacing the existing obsolete and inefficient booster equipment. A new forebay storage will be installed for containment prior to pumping to the higher elevation.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 Water Revenue Bonds Series C	79	12.7	-	-	-	-	-	-	-	-	-	12.7
1994 Water Revenue Bonds Series D	80	17.3	-	-	-	-	-	-	-	-	-	17.3
2000 Water Revenue Bonds	85	170.0	-	-	-	-	20.0	-	-	20.0	-	190.0
Unfunded Requirements	100	-	-	-	-	-	-	-	170.0	170.0	-	170.0
TOTAL			200.0	-	-	-	20.0	-	170.0	190.0	-	390.0
INFLATION ADJUSTMENT:						-	1.0	-	19.0	20.0	-	20.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable Pumping Plant (7530)					WARD: Citywide START DATE: 7/01 END DATE: Annual					PROJECT NUMBER: W234 <u>ESTIMATED PROJECT COST</u> DESIGN 67.0 RIGHT-OF-WAY 9.5 CONSTRUCTION 718.0 OTHER - INFLATION 80.5 PROJECT TOTAL 875.0		
PROJECT TITLE: Fireflow Booster Upgrades DESCRIPTION: Provide adequate fireflow capacity at various booster stations located inside the city limits by installing fireflow pumps and upgrading piping and other equipment.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	150.0	150.0	25.0	150.0	-	-	325.0	-	325.0
Unfunded Requirements	100	-	-	-	-	-	-	25.0	150.0	175.0	375.0	550.0
TOTAL		-	-	150.0	150.0	25.0	150.0	25.0	150.0	500.0	375.0	875.0
INFLATION ADJUSTMENT:						1.0	9.0	2.0	17.0	29.0	51.5	80.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Pumping Plant (7530)					WARD: Citywide START DATE: 7/04 END DATE: 6/10					PROJECT NUMBER: W664 <u>ESTIMATED PROJECT COST</u> DESIGN 92.0 RIGHT-OF-WAY 12.0 CONSTRUCTION 921.5 OTHER 3,493.5 INFLATION 681.0 PROJECT TOTAL 5,200.0		
PROJECT TITLE: Hydroelectric Facilities DESCRIPTION: Install hydroelectric generators at 11 pressure regulating valve stations for the production of electricity from the flow of water in major transmission mains at pressure zone boundaries. Electricity will be fed to Tucson Electric Power's grid, with Tucson Water receiving credit on power usage in exchange for the generated electricity. The value of the credits received will be identified at some future date and will be used to determine long-term project feasibility of the project.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	150.0	1,000.0	1,150.0	4,050.0	5,200.0
TOTAL		-	-	-	-	-	-	150.0	1,000.0	1,150.0	4,050.0	5,200.0
INFLATION ADJUSTMENT:						-	-	13.0	111.5	124.5	556.5	681.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable Pumping Plant (7530)						WARD: County START DATE: 7/04 END DATE: 6/07				PROJECT NUMBER: W158 ESTIMATED PROJECT COST DESIGN 30.0 RIGHT-OF-WAY 3.0 CONSTRUCTION 184.4 OTHER 0.1 INFLATION 32.5 PROJECT TOTAL 250.0				
PROJECT TITLE: I-1 Well and Booster Modifications														
DESCRIPTION: Improve well and booster station operation by upgrading electrical equipment, pumps, instrumentation, piping, and safety features.														
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT		
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006					
Unfunded Requirements	100	-	-	-	-	-	-	-	25.0	25.0	50.0	200.0	250.0	
TOTAL			-	-	-	-	-	-	25.0	25.0	50.0	200.0	250.0	
INFLATION ADJUSTMENT:						-				-		5.0	27.5	32.5
ANNUAL OPERATING COST:						-				-		-	-	-

DEPARTMENT: Tucson Water - Potable Pumping Plant (7530)						WARD: 5 START DATE: 7/98 END DATE: 6/02				PROJECT NUMBER: W238 ESTIMATED PROJECT COST DESIGN 46.9 RIGHT-OF-WAY 6.0 CONSTRUCTION 504.8 OTHER - INFLATION - PROJECT TOTAL 557.7				
PROJECT TITLE: Plant #5 Pumping Plant Modifications														
DESCRIPTION: Upgrade this facility located at the southwest corner of Park Avenue and Valencia Road by replacing piping and other equipment that has reached the end of its useful life and by adding capacity to meet system demands.														
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT		
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006					
Water Revenue and Operations Fund	81	42.7	-	-	-	-	-	-	-	-	-	-	42.7	
2000 Water Revenue Bonds	85	15.0	-	500.0	500.0	-	-	-	-	500.0	-	-	515.0	
TOTAL			57.7	-	500.0	500.0	-	-	-	-	500.0	-	557.7	
INFLATION ADJUSTMENT:						-				-		-	-	-
ANNUAL OPERATING COST:						-				-		-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable Pumping Plant (7530)					WARD: City/County START DATE: 7/99 END DATE: 6/04					PROJECT NUMBER: W298 ESTIMATED PROJECT COST		
PROJECT TITLE: Pressure Regulating Valve Stations Modifications and Replacement DESCRIPTION: Design and construct pressure regulating stations throughout the water system to replace deteriorating stations and to relocate stations away from hazardous areas and busy streets.										DESIGN 33.6 RIGHT-OF-WAY 3.3 CONSTRUCTION 276.1 OTHER 1.3 INFLATION 8.5 PROJECT TOTAL 322.8		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	1.3	-	-	-	-	-	-	-	-	-	1.3
1994 Water Revenue Bonds Series C	79	21.5	-	-	-	-	-	-	-	-	-	21.5
2000 Water Revenue Bonds	85	-	-	100.0	100.0	100.0	100.0	-	-	300.0	-	300.0
TOTAL		22.8	-	100.0	100.0	100.0	100.0	-	-	300.0	-	322.8
INFLATION ADJUSTMENT:						2.5	6.0	-	-	8.5	-	8.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Pumping Plant (7530)					WARD: City/County START DATE: 7/01 END DATE: Annual					PROJECT NUMBER: W254 ESTIMATED PROJECT COST		
PROJECT TITLE: Pumping Facility Modifications DESCRIPTION: Modify existing production facilities to ensure system flows are monitored and logged to improve pump efficiency and dependability and to increase capacity. Modifications include installing new flow meters at existing booster facilities to replace failed flow meters, including sites that currently do not have meters, and constructing minor improvements, such as upsizing pumps.										DESIGN 248.0 RIGHT-OF-WAY 22.5 CONSTRUCTION 2,915.0 OTHER - INFLATION 334.5 PROJECT TOTAL 3,520.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	70.0	345.0	415.0	345.0	345.0	-	-	1,105.0	-	1,105.0
Unfunded Requirements	100	-	-	-	-	-	-	345.0	345.0	690.0	1,725.0	2,415.0
TOTAL		-	70.0	345.0	415.0	345.0	345.0	345.0	345.0	1,795.0	1,725.0	3,520.0
INFLATION ADJUSTMENT:						10.0	20.0	29.0	38.5	97.5	237.0	334.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Potable Pumping Plant (7530)							WARD: County START DATE: 7/99 END DATE: 6/03				PROJECT NUMBER: W998 <u>ESTIMATED PROJECT COST</u> DESIGN 74.2 RIGHT-OF-WAY 52.9 CONSTRUCTION 315.6 OTHER 5.1 INFLATION 9.0 PROJECT TOTAL 456.8			
PROJECT TITLE: Soldier's Trail Permanent Booster														
DESCRIPTION: Acquire a site, and design and construct a new booster station to replace the existing station located in the Soldier's Trail right-of-way.														
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS					FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Water Revenue and Operations Fund		81	36.4	-	-	-	-	-	-	-	-	-	-	36.4
1994 Water Revenue Bonds Series A		88	60.9	-	-	-	-	-	-	-	-	-	-	60.9
1994 Water Revenue Bonds Series B		89	1.6	-	-	-	-	-	-	-	-	-	-	1.6
1994 Water Revenue Bonds Series C		79	4.3	-	-	-	-	-	-	-	-	-	-	4.3
1994 Water Revenue Bonds Series D		80	33.6	-	-	-	-	-	-	-	-	-	-	33.6
2000 Water Revenue Bonds		85	-	-	20.0	20.0	300.0	-	-	-	-	320.0	-	320.0
TOTAL			136.8	-	20.0	20.0	300.0	-	-	-	-	320.0	-	456.8
INFLATION ADJUSTMENT:							9.0	-	-	-	-	9.0	-	9.0
ANNUAL OPERATING COST:							-	-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Pumping Plant (7530)							WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: WC99 <u>ESTIMATED PROJECT COST</u> DESIGN 909.0 RIGHT-OF-WAY - CONSTRUCTION 8,359.0 OTHER - INFLATION 1,347.0 PROJECT TOTAL 10,615.0			
PROJECT TITLE: Unanticipated Production Projects														
DESCRIPTION: Design and construct production facilities to improve reliability or meet system demands. This project will be used as a drawdown account to fund specific projects as they occur each year.														
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS					FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Water Revenue and Operations Fund		81	-	-	55.0	55.0	55.0	55.0	1,200.0	1,200.0	2,565.0	8,050.0	10,615.0	
TOTAL			-	-	55.0	55.0	55.0	55.0	1,200.0	1,200.0	2,565.0	8,050.0	10,615.0	
INFLATION ADJUSTMENT:							2.0	3.0	102.0	134.0	241.0	1,106.0	1,347.0	
ANNUAL OPERATING COST:							-	-	-	-	-	-	-	

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Potable Pumping Plant (7530)						WARD: County				PROJECT NUMBER: W228			
PROJECT TITLE: W-2 Well and Booster Modifications						START DATE: 7/01				ESTIMATED PROJECT COST			
DESCRIPTION: Install a new 150,000 gallon storage tank, site piping, cathodic protection, new booster pumps, and a control building; expand the site; and conduct other associated site work. Relocate the 5,000 gallon hydropneumatic tank within the site, relocate the existing 44,000 gallon bolted storage tank to another site, and remove and dispose of the existing 10,000 gallon storage tank.						END DATE: 6/02				DESIGN 20.0			
										RIGHT-OF-WAY -			
										CONSTRUCTION 234.0			
										OTHER -			
										INFLATION -			
										PROJECT TOTAL 254.0			
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds		85	-	-	254.0	254.0	-	-	-	-	254.0	-	254.0

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 34,470,000

PROGRAM AREA: Potable Transmission

The primary function of transmission mains is to transport water from the water source to storage facilities and to distribution systems. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility

The program contains the following types of projects, which are intended to accomplish the above goals:

- Repair and rehabilitate existing transmission mains
- Design and construct new transmission mains
- Conduct corrosion studies and evaluations

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Alvernon/Grant B-Zone Transmission Main	B - 266	-	-	15.0	15.0	1,300.0	-	-	-	1,315.0	-	1,315.0
2000 Water Revenue Bonds		-	-	15.0	15.0	1,300.0	-	-	-	1,315.0	-	1,315.0
Avra Valley Transmission Main, Phase I	B - 266	-	-	-	-	-	200.0	250.0	800.0	1,250.0	25,000.0	26,250.0
2000 Water Revenue Bonds		-	-	-	-	-	200.0	-	-	200.0	-	200.0
Central Arizona Project Reserve Fund		-	-	-	-	-	-	-	800.0	800.0	-	800.0
Unfunded Requirements		-	-	-	-	-	-	250.0	-	250.0	25,000.0	25,250.0
Cathodic Corrosion Protection Installation	B - 267	-	-	150.0	150.0	500.0	750.0	750.0	500.0	2,650.0	-	2,650.0
2000 Water Revenue Bonds		-	-	150.0	150.0	500.0	750.0	-	-	1,400.0	-	1,400.0
Unfunded Requirements		-	-	-	-	-	-	750.0	500.0	1,250.0	-	1,250.0
Cathodic Protection For Starr Pass/Greasewood Transmission Main	B - 267	-	-	275.0	275.0	-	-	-	-	275.0	-	275.0
2000 Water Revenue Bonds		-	-	275.0	275.0	-	-	-	-	275.0	-	275.0
Christie Drive F-Zone Transmission Main	B - 268	-	-	-	-	-	-	11.0	165.0	176.0	-	176.0
Unfunded Requirements		-	-	-	-	-	-	11.0	165.0	176.0	-	176.0
Clearwater Transmission Main Access/Pumping Manhole Improvements, Phase II	B - 268	426.0	203.0	-	203.0	-	-	-	-	203.0	-	629.0
2000 Water Revenue Bonds		426.0	203.0	-	203.0	-	-	-	-	203.0	-	629.0
Corrosion Evaluation and Repair	B - 269	-	-	440.0	440.0	440.0	440.0	300.0	300.0	1,920.0	10,000.0	11,920.0
2000 Water Revenue Bonds		-	-	440.0	440.0	440.0	440.0	-	-	1,320.0	-	1,320.0
Unfunded Requirements		-	-	-	-	-	-	300.0	300.0	600.0	10,000.0	10,600.0
Diamond Bell E-Zone Discharge Transmission Main	B - 269	6.0	9.0	200.0	209.0	-	-	-	-	209.0	-	215.0
2000 Water Revenue Bonds		6.0	9.0	200.0	209.0	-	-	-	-	209.0	-	215.0
Diamond Bell I-Zone Transmission Main	B - 270	-	-	-	-	11.0	11.0	323.0	-	345.0	-	345.0
2000 Water Revenue Bonds		-	-	-	-	11.0	11.0	-	-	22.0	-	22.0
Unfunded Requirements		-	-	-	-	-	-	323.0	-	323.0	-	323.0
Diamond Bell J-Zone Transmission Main	B - 270	-	-	-	-	8.0	7.0	85.0	-	100.0	-	100.0
2000 Water Revenue Bonds		-	-	-	-	8.0	7.0	-	-	15.0	-	15.0
Unfunded Requirements		-	-	-	-	-	-	85.0	-	85.0	-	85.0

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Excavated Corrosion Investigation	B - 271	200.0	25.0	225.0	250.0	225.0	225.0	-	-	700.0	-	900.0
2000 Water Revenue Bonds		200.0	25.0	225.0	250.0	225.0	225.0	-	-	700.0	-	900.0
Old Nogales Highway Transmission Main	B - 271	200.0	-	170.0	170.0	1,700.0	4,000.0	-	-	5,870.0	-	6,070.0
2000 Water Revenue Bonds		200.0	-	170.0	170.0	1,700.0	-	-	-	1,870.0	-	2,070.0
Unfunded Requirements		-	-	-	-	-	4,000.0	-	-	4,000.0	-	4,000.0
Peppertree Ranch Y-Zone Transmission Main	B - 272	-	-	-	-	-	-	40.0	400.0	440.0	-	440.0
Unfunded Requirements		-	-	-	-	-	-	40.0	400.0	440.0	-	440.0
Plumer/Broadway B-Zone Transmission Main	B - 272	-	-	15.0	15.0	1,148.0	-	-	-	1,163.0	-	1,163.0
2000 Water Revenue Bonds		-	-	15.0	15.0	1,148.0	-	-	-	1,163.0	-	1,163.0
Santa Rita Bel Aire Transmission Main (Well H-2)	B - 273	-	-	-	-	-	-	200.0	500.0	700.0	-	700.0
Unfunded Requirements		-	-	-	-	-	-	200.0	500.0	700.0	-	700.0
Southeast D-Zone Transmission Main	B - 273	2,001.8	461.0	-	461.0	-	-	-	-	461.0	-	2,462.8
Water Revenue and Operations Fund		9.6	-	-	-	-	-	-	-	-	-	9.6
1994 Water Revenue Bonds Series C		0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bonds Series D		653.0	-	-	-	-	-	-	-	-	-	653.0
2000 Water Revenue Bonds		686.0	461.0	-	461.0	-	-	-	-	461.0	-	1,147.0
2000 WIFA Bonds Series A		653.0	-	-	-	-	-	-	-	-	-	653.0
Southeast E-Zone Transmission Main	B - 274	-	-	-	-	-	300.0	1,500.0	1,500.0	3,300.0	-	3,300.0
2000 Water Revenue Bonds		-	-	-	-	-	300.0	-	-	300.0	-	300.0
Unfunded Requirements		-	-	-	-	-	-	1,500.0	1,500.0	3,000.0	-	3,000.0
Southeast F-Zone Transmission Main	B - 274	-	-	-	-	-	-	300.0	1,500.0	1,800.0	1,500.0	3,300.0
Unfunded Requirements		-	-	-	-	-	-	300.0	1,500.0	1,800.0	1,500.0	3,300.0
Southeast G-Zone Transmission Main	B - 275	737.3	84.0	-	84.0	-	-	-	-	84.0	-	821.3
Water Revenue and Operations Fund		536.7	-	-	-	-	-	-	-	-	-	536.7
1994 Water Revenue Bonds Series B		1.1	-	-	-	-	-	-	-	-	-	1.1
1994 Water Revenue Bonds Series C		199.5	-	-	-	-	-	-	-	-	-	199.5
2000 Water Revenue Bonds		-	84.0	-	84.0	-	-	-	-	84.0	-	84.0
Spencer Avenue Transmission Main	B - 275	-	-	-	-	-	-	2,945.0	2,800.0	5,745.0	-	5,745.0
Unfunded Requirements		-	-	-	-	-	-	2,945.0	2,800.0	5,745.0	-	5,745.0

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Technical Drive/Columbus Boulevard C-Zone Transmission Main	B - 276	60.0	-	2,641.0	2,641.0	660.0	-	-	-	3,301.0	-	3,361.0
1994 Water Revenue Bonds Series C		14.8	-	-	-	-	-	-	-	-	-	14.8
1994 Water Revenue Bonds Series D		35.2	-	-	-	-	-	-	-	-	-	35.2
2000 Water Revenue Bonds		10.0	-	641.0	641.0	660.0	-	-	-	1,301.0	-	1,311.0
2000 WIFA Bonds Series B		-	-	2,000.0	2,000.0	-	-	-	-	2,000.0	-	2,000.0
Unanticipated Transmission Main Projects	B - 276	-	-	-	-	100.0	750.0	200.0	1,000.0	2,050.0	20,000.0	22,050.0
Water Revenue and Operations Fund		-	-	-	-	100.0	750.0	200.0	1,000.0	2,050.0	20,000.0	22,050.0
Westside C-Zone Reservoir Transmission Main	B - 277	-	-	-	-	33.0	380.0	-	-	413.0	-	413.0
2000 Water Revenue Bonds		-	-	-	-	33.0	380.0	-	-	413.0	-	413.0
TOTAL		3,631.1	782.0	4,131.0	4,913.0	6,125.0	7,063.0	6,904.0	9,465.0	34,470.0	56,500.0	94,601.1
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	546.3	-	-	-	100.0	750.0	200.0	1,000.0	2,050.0	20,000.0	22,596.3
1994 Water Revenue Bonds Series B	89	1.1	-	-	-	-	-	-	-	-	-	1.1
1994 Water Revenue Bonds Series C	79	214.5	-	-	-	-	-	-	-	-	-	214.5
1994 Water Revenue Bonds Series D	80	688.2	-	-	-	-	-	-	-	-	-	688.2
2000 Water Revenue Bonds	85	1,528.0	782.0	2,131.0	2,913.0	6,025.0	2,313.0	-	-	11,251.0	-	12,779.0
2000 WIFA Bonds Series A	96	653.0	-	-	-	-	-	-	-	-	-	653.0
2000 WIFA Bonds Series B	84	-	-	2,000.0	2,000.0	-	-	-	-	2,000.0	-	2,000.0
Central Arizona Project Reserve Fund	83	-	-	-	-	-	-	-	800.0	800.0	-	800.0
Unfunded Requirements	100	-	-	-	-	-	4,000.0	6,704.0	7,665.0	18,369.0	36,500.0	54,869.0
TOTAL		3,631.1	782.0	4,131.0	4,913.0	6,125.0	7,063.0	6,904.0	9,465.0	34,470.0	56,500.0	94,601.1
Inflation Adjustment				-	-	179.0	405.5	583.7	1,055.5	2,223.7	7,763.0	9,986.7
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: 3, 6 START DATE: 7/01 END DATE: 6/03				PROJECT NUMBER: W328		
PROJECT TITLE: Alvernon/Grant B-Zone Transmission Main										ESTIMATED PROJECT COST		
DESCRIPTION: Design and install approximately 8,400 feet of new 24-inch water main from Speedway Boulevard/Sycamore Boulevard, north to Flower Street and on to Swan Road/San Carlos Place to provide adequate pressure to the northeast portion of the Central B-Zone. This transmission main will transport blended water to the Avra Valley wellfield to reduce central system pumpage.										DESIGN 109.0 RIGHT-OF-WAY 7.0 CONSTRUCTION 1,161.0 OTHER - INFLATION 38.0 PROJECT TOTAL 1,315.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	15.0	15.0	1,300.0	-	-	-	1,315.0	-	1,315.0
TOTAL		-	-	15.0	15.0	1,300.0	-	-	-	1,315.0	-	1,315.0
INFLATION ADJUSTMENT:						38.0	-	-	-	38.0	-	38.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County START DATE: 7/03 END DATE: 6/11				PROJECT NUMBER: W339		
PROJECT TITLE: Avra Valley Transmission Main, Phase I										ESTIMATED PROJECT COST		
DESCRIPTION: Design and install approximately 43,000 feet of 60-inch transmission main in Avra Valley to convey additional water resources to the service area.										DESIGN 301.0 RIGHT-OF-WAY 77.0 CONSTRUCTION 22,315.5 OTHER - INFLATION 3,556.5 PROJECT TOTAL 26,250.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	-	200.0	-	-	200.0	-	200.0
Central Arizona Project Reserve Fund	83	-	-	-	-	-	-	-	800.0	800.0	-	800.0
Unfunded Requirements	100	-	-	-	-	-	-	250.0	-	250.0	25,000.0	25,250.0
TOTAL		-	-	-	-	-	200.0	250.0	800.0	1,250.0	25,000.0	26,250.0
INFLATION ADJUSTMENT:						-	11.5	21.0	89.0	121.5	3,435.0	3,556.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: City/County START DATE: 7/01 END DATE: 6/06				PROJECT NUMBER: W320 ESTIMATED PROJECT COST		
PROJECT TITLE: Cathodic Corrosion Protection Installation										DESIGN 320.0 RIGHT-OF-WAY - CONSTRUCTION 2,152.0 OTHER - INFLATION 178.0 PROJECT TOTAL 2,650.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	150.0	150.0	500.0	750.0	-	-	1,400.0	-	1,400.0
Unfunded Requirements	100	-	-	-	-	-	-	750.0	500.0	1,250.0	-	1,250.0
TOTAL						500.0	750.0	750.0	500.0	2,650.0	-	2,650.0
INFLATION ADJUSTMENT:						15.0	43.0	64.0	56.0	178.0	-	178.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: 1 START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: W055 ESTIMATED PROJECT COST		
PROJECT TITLE: Cathodic Protection For Starr Pass/Greasewood Transmission Main										DESIGN 25.0 RIGHT-OF-WAY - CONSTRUCTION 250.0 OTHER - INFLATION - PROJECT TOTAL 275.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	275.0	275.0	-	-	-	-	275.0	-	275.0
TOTAL						-	-	-	-	275.0	-	275.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County START DATE: 7/04 END DATE: 6/06				PROJECT NUMBER: W363 ESTIMATED PROJECT COST DESIGN 20.0 RIGHT-OF-WAY 1.0 CONSTRUCTION 135.5 OTHER - INFLATION 19.5 PROJECT TOTAL 176.0			
PROJECT TITLE: Christie Drive F-Zone Transmission Main DESCRIPTION: Design and install 6,400 feet of new 16-inch main in the F-Zone foothills area. This upgrade is required because a portion of D-Zone, once served from the Plant 10 Boosters, is now fed through the F-Zone.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Unfunded Requirements	100	-	-	-	-	-	-	-	11.0	165.0	176.0	-	176.0
TOTAL			-	-	-	-	-	-	11.0	165.0	176.0	-	176.0
INFLATION ADJUSTMENT:						-	-	1.0	18.5	19.5	-	19.5	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: 1, 5 START DATE: 9/00 END DATE: 7/01				PROJECT NUMBER: W303 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION 604.0 OTHER 25.0 INFLATION - PROJECT TOTAL 629.0		
PROJECT TITLE: Clearwater Transmission Main Access/Pumping Manhole Improvements, Phase II DESCRIPTION: Construct the third phase of project and equip 29 new access/pumping manholes at strategic existing blow-off and construction access manhole locations along the Central Arizona Project East and Northwest Transmission Mains. This project will facilitate annual operations and maintenance inspections and preventative maintenance.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	426.0	203.0	-	203.0	-	-	-	-	203.0	-	629.0
TOTAL			426.0	203.0	-	203.0	-	-	-	-	-	629.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W053 ESTIMATED PROJECT COST DESIGN 823.0 RIGHT-OF-WAY - CONSTRUCTION 9,626.5 OTHER - INFLATION 1,470.5 PROJECT TOTAL 11,920.0		
PROJECT TITLE: Corrosion Evaluation and Repair												
DESCRIPTION: Conduct close-interval survey tests (approximately every three feet along the pipeline) and install electrical corrosion test stations as necessary to monitor and predict the need for main repairs prior to actual breaks. Electrical corrosion occurs naturally between a pipeline and the soil, causing rust. This project will provide for consultant design of projects requiring bonding and cathodic protection.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	440.0	440.0	440.0	-	-	-	1,320.0	-	1,320.0
Unfunded Requirements	100	-	-	-	-	-	-	300.0	300.0	600.0	10,000.0	10,600.0
TOTAL			-	-	440.0	440.0	440.0	300.0	300.0	1,920.0	10,000.0	11,920.0
INFLATION ADJUSTMENT:						13.0	25.0	25.0	33.5	96.5	1,374.0	1,470.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: W336 ESTIMATED PROJECT COST DESIGN 31.0 RIGHT-OF-WAY 2.0 CONSTRUCTION 182.0 OTHER - INFLATION - PROJECT TOTAL 215.0		
PROJECT TITLE: Diamond Bell E-Zone Discharge Transmission Main												
DESCRIPTION: Design and construct approximately 6,600 feet of 12-inch transmission main to connect a new well, E-030, to the Diamond Bell distribution system. This project is located approximately four miles southwest of Robles Junction/Ajo Way, east on Raymon to Laura Boulevard, then south to Fannin Road with a connection to discharge line from Well F-2.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	6.0	9.0	200.0	209.0	-	-	-	-	209.0	-	215.0
TOTAL			6.0	9.0	209.0	-	-	-	-	209.0	-	215.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County				PROJECT NUMBER: W315			
PROJECT TITLE: Diamond Bell I-Zone Transmission Main						START DATE: 7/02				ESTIMATED PROJECT COST			
DESCRIPTION: Design and install approximately 7,000 feet of 12-inch water main from Diamond Bell Booster site to the Diamond Bell I-Zone reservoir located six miles south of Ajo Highway and Sasabe Road.						END DATE: 6/05				DESIGN 39.0 RIGHT-OF-WAY 9.0 CONSTRUCTION 269.0 OTHER - INFLATION 28.0 PROJECT TOTAL 345.0			
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	-	-	-	-	11.0	11.0	-	-	22.0	-	22.0	
Unfunded Requirements	100	-	-	-	-	-	-	323.0	-	323.0	-	323.0	
TOTAL			-	-	-	11.0	11.0	323.0	-	345.0	-	345.0	
INFLATION ADJUSTMENT:						-		1.0	27.0	-	28.0	-	28.0
ANNUAL OPERATING COST:						-		-	-	-	-	-	

DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County				PROJECT NUMBER: W335			
PROJECT TITLE: Diamond Bell J-Zone Transmission Main						START DATE: 7/02				ESTIMATED PROJECT COST			
DESCRIPTION: Design and install approximately 3,500 feet of 8-inch transmission main to connect Diamond Bell I-J Booster Station, located at Saasabe Road and Diamond Bell Ranch Road, to the Diamond Bell distribution system.						END DATE: 6/05				DESIGN 15.5 RIGHT-OF-WAY 6.5 CONSTRUCTION 71.0 OTHER - INFLATION 7.0 PROJECT TOTAL 100.0			
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	-	-	-	-	8.0	7.0	-	-	15.0	-	15.0	
Unfunded Requirements	100	-	-	-	-	-	-	85.0	-	85.0	-	85.0	
TOTAL			-	-	-	8.0	7.0	85.0	-	100.0	-	100.0	
INFLATION ADJUSTMENT:						-		-	7.0	-	7.0	-	7.0
ANNUAL OPERATING COST:						-		-	-	-	-	-	

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: City/County START DATE: 7/00 END DATE: 6/04				PROJECT NUMBER: W317 ESTIMATED PROJECT COST DESIGN 135.0 RIGHT-OF-WAY - CONSTRUCTION 745.0 OTHER - INFLATION 20.0 PROJECT TOTAL 900.0		
PROJECT TITLE: Excavated Corrosion Investigation DESCRIPTION: Excavate, inspect, and take corrosion readings along the potable and reclaimed transmission main systems; repair, replace, or mitigate corrosion as necessary.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	200.0	25.0	225.0	250.0	225.0	225.0	-	-	700.0	-	900.0
TOTAL			25.0	225.0	250.0	225.0	225.0	-	-	700.0	-	900.0
INFLATION ADJUSTMENT:						7.0	13.0	-	-	20.0	-	20.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County START DATE: 11/00 END DATE: 6/04				PROJECT NUMBER: W357 ESTIMATED PROJECT COST DESIGN 462.0 RIGHT-OF-WAY 22.0 CONSTRUCTION 5,306.0 OTHER - INFLATION 280.0 PROJECT TOTAL 6,070.0		
PROJECT TITLE: Old Nogales Highway Transmission Main DESCRIPTION: Install approximately 42,500 feet of 36-inch transmission main in Nogales Highway between Medina Road and Lumber Street. The existing main will be abandoned as extensive corrosion has made the main unreliable.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	200.0	-	170.0	170.0	1,700.0	-	-	-	1,870.0	-	2,070.0
Unfunded Requirements	100	-	-	-	-	-	4,000.0	-	-	4,000.0	-	4,000.0
TOTAL			-	170.0	170.0	1,700.0	4,000.0	-	-	5,870.0	-	6,070.0
INFLATION ADJUSTMENT:						50.0	230.0	-	-	280.0	-	280.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County				PROJECT NUMBER: W322		
PROJECT TITLE: Peppertree Ranch Y-Zone Transmission Main						START DATE: 7/04				ESTIMATED PROJECT COST		
DESCRIPTION: Design and install approximately 3,000 feet of 16-inch main to connect the Peppertree Ranch distribution system to the proposed Peppertree Y-Zone gravity storage reservoir, in an area bounded by Wade Road (Yuma Mine Road) on the west, Ina Road on the north, Belmont Road on the south, and Silverbell Road to the east.						END DATE: 6/06				DESIGN 63.0 RIGHT-OF-WAY 5.0 CONSTRUCTION 324.5 OTHER - INFLATION 47.5 PROJECT TOTAL 440.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	40.0	400.0	440.0	-	440.0
TOTAL			-	-	-	-	-	40.0	400.0	440.0	-	440.0
INFLATION ADJUSTMENT:						-		3.0		44.5		47.5
ANNUAL OPERATING COST:						-		-		-		-

DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: 5, 6				PROJECT NUMBER: W326		
PROJECT TITLE: Plumer/Broadway B-Zone Transmission Main						START DATE: 7/01				ESTIMATED PROJECT COST		
DESCRIPTION: Design and install approximately 9,200 feet of new 24-inch main at Plumer Avenue, from 22nd Street to 3rd Street, to provide adequate pressure to the central portion of Central B-Zone. This will decrease central system pumpage and provide supply from the Clearwell Reservoir.						END DATE: 6/03				DESIGN 101.0 RIGHT-OF-WAY 12.0 CONSTRUCTION 1,017.0 OTHER - INFLATION 33.0 PROJECT TOTAL 1,163.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	15.0	15.0	1,148.0	-	-	-	1,163.0	-	1,163.0
TOTAL			-	15.0	15.0	1,148.0	-	-	-	1,163.0	-	1,163.0
INFLATION ADJUSTMENT:						33.0		-		33.0		-
ANNUAL OPERATING COST:						-		-		-		-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County START DATE: 7/04 END DATE: 6/06				PROJECT NUMBER: W337 <u>ESTIMATED PROJECT COST</u> DESIGN 50.0 RIGHT-OF-WAY 5.8 CONSTRUCTION 571.5 OTHER - INFLATION 72.7 PROJECT TOTAL 700.0		
PROJECT TITLE: Santa Rita Bel Aire Transmission Main (Well H-2) DESCRIPTION: Install approximately 19,800 feet of 12-inch main from the end of an existing 16-inch main located near the intersection of Harrison Road and Pima Mine Road to the Houghton Road Storage Tank located on Houghton Road approximately 1/4 miles north of Sahuarita Road.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	200.0	500.0	700.0	-	700.0
TOTAL			-	-	-	-	-	200.0	500.0	700.0	-	700.0
INFLATION ADJUSTMENT:						-	-	16.7	56.0	72.7	-	72.7
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County START DATE: 6/99 END DATE: 8/01				PROJECT NUMBER: W242 <u>ESTIMATED PROJECT COST</u> DESIGN 402.6 RIGHT-OF-WAY 1.3 CONSTRUCTION 2,058.9 OTHER - INFLATION - PROJECT TOTAL 2,462.8		
PROJECT TITLE: Southeast D-Zone Transmission Main DESCRIPTION: Design and install approximately 26,400 feet of 24-inch main from the new Southeast D-Zone Reservoir at Wilmot Road and Hermans Road to the Alvernon/Valencia intersection to meet the expanding water demands of the southeast service area. This project is included in the Southeast Area Plan.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	9.6	-	-	-	-	-	-	-	-	-	9.6
1994 Water Revenue Bonds Series C	79	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bonds Series D	80	653.0	-	-	-	-	-	-	-	-	-	653.0
2000 Water Revenue Bonds	85	686.0	461.0	-	461.0	-	-	-	-	461.0	-	1,147.0
2000 WIFA Bonds Series A	96	653.0	-	-	-	-	-	-	-	-	-	653.0
TOTAL			2,001.8	461.0	461.0	-	-	-	-	461.0	-	2,462.8
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Tucson Water - Potable Transmission (7540) PROJECT TITLE: Southeast E-Zone Transmission Main DESCRIPTION: Design and install approximately 24,000 feet of 36-inch main to connect the proposed Southeast D-E booster station to the proposed E-Zone reservoir at currently unspecified sites. This project is included in the Southeast Area Plan.						WARD: 4 START DATE: 7/03 END DATE: 6/06				PROJECT NUMBER: W321 <u>ESTIMATED PROJECT COST</u> DESIGN 449.0 RIGHT-OF-WAY 50.0 CONSTRUCTION 2,490.0 OTHER - INFLATION 311.0 PROJECT TOTAL 3,300.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	-	300.0	-	-	300.0	-	300.0
Unfunded Requirements	100	-	-	-	-	-	-	1,500.0	1,500.0	3,000.0	-	3,000.0
TOTAL		-	-	-	-	-	300.0	1,500.0	1,500.0	3,300.0	-	3,300.0
INFLATION ADJUSTMENT:						-	17.0	127.0	167.0	311.0	-	311.0
ANNUAL OPERATING COST:						-	-	-	-	-		

DEPARTMENT: Tucson Water - Potable Transmission (7540) PROJECT TITLE: Southeast F-Zone Transmission Main DESCRIPTION: Design and construct approximately 15,840 feet of 24-inch transmission main to connect the Southeast Area F-Zone reservoir to the F-Zone, located in the area bounded by Rita Road on the west, Rocket Stravenue on the north, Harrison Road to the east, and what would be Rocket Road on the south.						WARD: 4 START DATE: 7/04 END DATE: 6/07				PROJECT NUMBER: W338 <u>ESTIMATED PROJECT COST</u> DESIGN 218.0 RIGHT-OF-WAY 24.0 CONSTRUCTION 2,660.0 OTHER - INFLATION 398.0 PROJECT TOTAL 3,300.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	300.0	1,500.0	1,800.0	1,500.0	3,300.0
TOTAL		-	-	-	-	-	-	300.0	1,500.0	1,800.0	1,500.0	3,300.0
INFLATION ADJUSTMENT:						-	-	25.0	167.0	192.0	206.0	398.0
ANNUAL OPERATING COST:						-	-	-	-	-		

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County START DATE: 12/98 END DATE: 10/01				PROJECT NUMBER: W255 <u>ESTIMATED PROJECT COST</u> DESIGN 39.1 RIGHT-OF-WAY 0.6 CONSTRUCTION 770.1 OTHER 11.5 INFLATION - PROJECT TOTAL 821.3			
PROJECT TITLE: Southeast G-Zone Transmission Main DESCRIPTION: Design and install approximately 8,000 feet of 24-inch main from the Southeast G-Zone reservoir site, northwest to Houghton Road and Old Vail Road. This project is included in the Southeast Area Plan.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Water Revenue and Operations Fund	81	536.7	-	-	-	-	-	-	-	-	-	536.7	
1994 Water Revenue Bonds Series B	89	1.1	-	-	-	-	-	-	-	-	-	1.1	
1994 Water Revenue Bonds Series C	79	199.5	-	-	-	-	-	-	-	-	-	199.5	
2000 Water Revenue Bonds	85	-	84.0	-	84.0	-	-	-	-	84.0	-	84.0	
TOTAL			737.3	84.0	-	84.0	-	-	-	-	84.0	-	821.3
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County START DATE: 7/04 END DATE: 6/06				PROJECT NUMBER: W323 <u>ESTIMATED PROJECT COST</u> DESIGN 453.0 RIGHT-OF-WAY 51.0 CONSTRUCTION 4,678.5 OTHER - INFLATION 562.5 PROJECT TOTAL 5,745.0		
PROJECT TITLE: Spencer Avenue Transmission Main DESCRIPTION: Design and install approximately 10,500 feet of 60-inch main on Valencia Road north to the Hayden-Udall Treatment Plant forebay to provide the capability of blending Avra Valley groundwater with recovered Central Arizona Project water from the Clearwater Renewable Resource Facility.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	2,945.0	2,800.0	5,745.0	-	5,745.0
TOTAL			-	-	-	-	-	2,945.0	2,800.0	5,745.0	-	5,745.0
INFLATION ADJUSTMENT:						-	-	250.0	312.5	562.5	-	562.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Tucson Water - Potable Transmission (7540) PROJECT TITLE: Technical Drive/Columbus Boulevard C-Zone Transmission Main DESCRIPTION: Install approximately 6,700 feet of 66-inch main between the Technical Drive Pressure Release Valve Station and Columbus Boulevard/29th Street to supply adequate amounts of water to the eastside service area and reduce pumpage from the central system wells.						WARD: County, 4, 5 START DATE: 12/99 END DATE: 6/03				PROJECT NUMBER: W241 ESTIMATED PROJECT COST DESIGN 70.4 RIGHT-OF-WAY - CONSTRUCTION 3,226.4 OTHER 45.2 INFLATION 19.0 PROJECT TOTAL 3,361.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 Water Revenue Bonds Series C	79	14.8	-	-	-	-	-	-	-	-	-	14.8
1994 Water Revenue Bonds Series D	80	35.2	-	-	-	-	-	-	-	-	-	35.2
2000 Water Revenue Bonds	85	10.0	-	641.0	641.0	660.0	-	-	-	1,301.0	-	1,311.0
2000 WIFA Bonds Series B	84	-	-	2,000.0	2,000.0	-	-	-	-	2,000.0	-	2,000.0
TOTAL		60.0	-	2,641.0	2,641.0	660.0	-	-	-	3,301.0	-	3,361.0
INFLATION ADJUSTMENT:						19.0	-	-	-	19.0	-	19.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Transmission (7540) PROJECT TITLE: Unanticipated Transmission Main Projects DESCRIPTION: Design and construct future transmission mains. This project will be used as a drawdown account as specific projects are identified in the year of implementation.						WARD: City/County START DATE: 7/02 END DATE: Annual				PROJECT NUMBER: WD99 ESTIMATED PROJECT COST DESIGN 1,885.0 RIGHT-OF-WAY - CONSTRUCTION 17,242.5 OTHER - INFLATION 2,922.5 PROJECT TOTAL 22,050.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	-	-	100.0	750.0	200.0	1,000.0	2,050.0	20,000.0	22,050.0
TOTAL		-	-	-	-	100.0	750.0	200.0	1,000.0	2,050.0	20,000.0	22,050.0
INFLATION ADJUSTMENT:						3.0	43.0	17.0	111.5	174.5	2,748.0	2,922.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Transmission (7540)						WARD: County START DATE: 7/02 END DATE: 6/04				PROJECT NUMBER: W316 <u>ESTIMATED PROJECT COST</u> DESIGN 53.0 RIGHT-OF-WAY 5.0 CONSTRUCTION 332.0 OTHER - INFLATION 23.0 PROJECT TOTAL 413.0		
PROJECT TITLE: Westside C-Zone Reservoir Transmission Main												
DESCRIPTION: Design and install approximately 5,650 feet of 12-inch pipe in West Camino del Cerro to connect the Westside C-Zone reservoir to the existing transmission system.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	33.0	380.0	-	-	413.0	-	413.0

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 31,394,800

PROGRAM AREA: Potable Distribution

The distribution system is a network of pipelines that distributes the water from the major transmission facilities to the customer. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility

The program contains the following types of projects:

- Minor extensions of the distribution system
- Replacement of undersized or leaking pipelines
- Replacement of galvanized steel water mains and rehabilitation of cast iron mains
- Installation of new distribution piping
- Installation of fire hydrants
- Review of developer-financed projects
- Compensation to developers for required distribution system pipeline and booster station oversizing

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Catalina Foothills Main Replacement, Phase III	B - 282	1,196.8	3.0	330.0	333.0	-	-	-	-	333.0	-	1,529.8
1994 Water Revenue Bonds Series C		119.5	-	-	-	-	-	-	-	-	-	119.5
1994 Water Revenue Bonds Series D		187.5	-	-	-	-	-	-	-	-	-	187.5
1994 WIFA Bonds Series B		312.8	-	-	-	-	-	-	-	-	-	312.8
2000 Water Revenue Bonds		577.0	3.0	330.0	333.0	-	-	-	-	333.0	-	910.0
Emergency Main Replacement	B - 282	1,525.1	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	-	2,025.1
Water Revenue and Operations Fund		530.0	-	-	-	-	-	-	-	-	-	530.0
1994 Water Revenue Bonds Series B		144.7	-	-	-	-	-	-	-	-	-	144.7
1994 WIFA Bonds Series A		204.0	-	-	-	-	-	-	-	-	-	204.0
1994 WIFA Bonds Series B		546.4	-	-	-	-	-	-	-	-	-	546.4
2000 Water Revenue Bonds		100.0	-	100.0	100.0	100.0	100.0	-	-	300.0	-	400.0
Unfunded Requirements		-	-	-	-	-	-	100.0	100.0	200.0	-	200.0
Extensions for New Services	B - 283	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
Water Revenue and Operations Fund		-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
Future Distribution Main Projects	B - 283	-	-	55.0	55.0	150.0	1,000.0	3,000.0	4,000.0	8,205.0	25,000.0	33,205.0
Water Revenue and Operations Fund		-	-	55.0	55.0	150.0	1,000.0	-	1,684.0	2,889.0	25,000.0	27,889.0
Unfunded Requirements		-	-	-	-	-	-	3,000.0	2,316.0	5,316.0	-	5,316.0
Future Fire Hydrants and Fire Protection Mains	B - 284	-	-	150.0	150.0	150.0	150.0	150.0	150.0	750.0	750.0	1,500.0
Water Revenue and Operations Fund		-	-	150.0	150.0	150.0	150.0	150.0	150.0	750.0	750.0	1,500.0
Main Replacements	B - 284	400.0	-	500.0	500.0	500.0	500.0	-	-	1,500.0	-	1,900.0
2000 Water Revenue Bonds		400.0	-	500.0	500.0	500.0	500.0	-	-	1,500.0	-	1,900.0
Midvale Farms Reimbursements	B - 285	-	-	170.0	170.0	170.0	170.0	170.0	170.0	850.0	850.0	1,700.0
Water Revenue and Operations Fund		-	-	170.0	170.0	170.0	170.0	170.0	170.0	850.0	850.0	1,700.0
Minor Main Replacements Force Account	B - 285	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
Water Revenue and Operations Fund		-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
Miscellaneous Connections	B - 286	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
Water Revenue and Operations Fund		-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
Miscellaneous Engineering Services	B - 286	-	-	5.0	5.0	5.0	5.0	5.0	5.0	25.0	25.0	50.0
Water Revenue and Operations Fund		-	-	5.0	5.0	5.0	5.0	5.0	5.0	25.0	25.0	50.0

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
On-Call Valve Replacement Program	B - 287	-	-	200.0	200.0	200.0	200.0	200.0	200.0	1,000.0	1,000.0	2,000.0
2000 Water Revenue Bonds		-	-	200.0	200.0	200.0	200.0	-	-	600.0	-	600.0
Unfunded Requirements		-	-	-	-	-	-	200.0	200.0	400.0	1,000.0	1,400.0
Payments to Developers for Oversized Systems	B - 287	-	-	250.0	250.0	250.0	250.0	250.0	250.0	1,250.0	1,250.0	2,500.0
Water Revenue and Operations Fund		-	-	250.0	250.0	250.0	250.0	-	-	750.0	-	750.0
Unfunded Requirements		-	-	-	-	-	-	250.0	250.0	500.0	1,250.0	1,750.0
Peppertree Settlement	B - 288	1,487.2	-	260.0	260.0	247.0	225.0	-	-	732.0	-	2,219.2
Water Revenue and Operations Fund		1,487.2	-	260.0	260.0	247.0	225.0	-	-	732.0	-	2,219.2
Review of Developer-Financed Potable Projects	B - 288	-	-	700.0	700.0	700.0	700.0	700.0	700.0	3,500.0	3,500.0	7,000.0
Water Revenue and Operations Fund		-	-	700.0	700.0	700.0	700.0	700.0	700.0	3,500.0	3,500.0	7,000.0
Road Improvement Main Replacements	B - 289	-	836.0	1,250.0	2,086.0	1,000.0	625.0	625.0	625.0	4,961.0	3,125.0	8,086.0
2000 Water Revenue Bonds		-	836.0	1,250.0	2,086.0	1,000.0	625.0	-	-	3,711.0	-	3,711.0
Unfunded Requirements		-	-	-	-	-	-	625.0	625.0	1,250.0	3,125.0	4,375.0
Routine Main Replacements	B - 289	-	-	-	-	800.0	800.0	800.0	800.0	3,200.0	4,000.0	7,200.0
2000 Water Revenue Bonds		-	-	-	-	800.0	200.0	-	-	1,000.0	-	1,000.0
2000 Water Revenue Bond Interest		-	-	-	-	-	600.0	-	-	600.0	-	600.0
Unfunded Requirements		-	-	-	-	-	-	800.0	800.0	1,600.0	4,000.0	5,600.0
Skyline Country Club System Modifications	B - 290	37.6	60.8	380.0	440.8	380.0	-	-	-	820.8	-	858.4
Water Revenue and Operations Fund		18.4	-	-	-	-	-	-	-	-	-	18.4
1994 Water Revenue Bonds Series C		19.2	-	-	-	-	-	-	-	-	-	19.2
2000 Water Revenue Bonds		-	60.8	380.0	440.8	380.0	-	-	-	820.8	-	820.8
Speedway/Wentworth Main Replacement	B - 290	300.0	-	300.0	300.0	-	-	-	-	300.0	-	600.0
2000 Water Revenue Bonds		300.0	-	300.0	300.0	-	-	-	-	300.0	-	600.0
Ventana Canyon Reimbursements	B - 291	470.9	-	50.0	50.0	50.0	50.0	50.0	-	200.0	-	670.9
Water Revenue and Operations Fund		451.3	-	50.0	50.0	50.0	50.0	50.0	-	200.0	-	651.3
1984 Water Revenue Bond Funds		19.6	-	-	-	-	-	-	-	-	-	19.6
Water System Betterment	B - 291	-	-	567.0	567.0	589.0	609.0	630.0	648.0	3,043.0	-	3,043.0
2000 Water Revenue Bonds		-	-	567.0	567.0	589.0	609.0	-	-	1,765.0	-	1,765.0
Unfunded Requirements		-	-	-	-	-	-	630.0	648.0	1,278.0	-	1,278.0
TOTAL		5,417.6	899.8	5,312.0	6,211.8	5,336.0	5,429.0	6,725.0	7,693.0	31,394.8	39,725.0	76,537.4

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	2,486.9	-	1,685.0	1,685.0	1,767.0	2,595.0	1,120.0	2,754.0	9,921.0	30,350.0	42,757.9
1984 Water Revenue Bond Funds	87	19.6	-	-	-	-	-	-	-	-	-	19.6
1994 Water Revenue Bonds Series B	89	144.7	-	-	-	-	-	-	-	-	-	144.7
1994 Water Revenue Bonds Series C	79	138.7	-	-	-	-	-	-	-	-	-	138.7
1994 Water Revenue Bonds Series D	80	187.5	-	-	-	-	-	-	-	-	-	187.5
1994 WIFA Bonds Series A	82	204.0	-	-	-	-	-	-	-	-	-	204.0
1994 WIFA Bonds Series B	90	859.2	-	-	-	-	-	-	-	-	-	859.2
2000 Water Revenue Bonds	85	1,377.0	899.8	3,627.0	4,526.8	3,569.0	2,234.0	-	-	10,329.8	-	11,706.8
2000 Water Revenue Bond Interest	85I	-	-	-	-	-	600.0	-	-	600.0	-	600.0
Unfunded Requirements	100	-	-	-	-	-	-	5,605.0	4,939.0	10,544.0	9,375.0	19,919.0
TOTAL		5,417.6	899.8	5,312.0	6,211.8	5,336.0	5,429.0	6,725.0	7,693.0	31,394.8	39,725.0	76,537.4
Inflation Adjustment				-	-	153.0	312.5	570.0	858.5	1,894.0	5,458.5	7,352.5
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Distribution (7550)						WARD: County START DATE: 10/99 END DATE: 3/02				PROJECT NUMBER: W837 <u>ESTIMATED PROJECT COST</u> DESIGN 63.9 RIGHT-OF-WAY 0.1 CONSTRUCTION 1,464.1 OTHER 1.7 INFLATION - PROJECT TOTAL 1,529.8		
PROJECT TITLE: Catalina Foothills Main Replacement, Phase III DESCRIPTION: Install approximately 45,700 feet of various piping (4-inch, 6-inch, 8-inch and 12-inch polyvinyl chloride, ductile iron, and high density polyethylene) to replace deteriorated galvanized steel pipe in an area bounded by Calle La Cima/Camino Miraval to the west, County Club to the east, River Road to the south, and Skyline Drive/Sunrise Drive to the north.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 Water Revenue Bonds Series C	79	119.5	-	-	-	-	-	-	-	-	-	119.5
1994 Water Revenue Bonds Series D	80	187.5	-	-	-	-	-	-	-	-	-	187.5
1994 WIFA Bonds Series B	90	312.8	-	-	-	-	-	-	-	-	-	312.8
2000 Water Revenue Bonds	85	577.0	3.0	330.0	333.0	-	-	-	-	333.0	-	910.0
TOTAL		1,196.8	3.0	330.0	333.0	-	-	-	-	333.0	-	1,529.8
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Distribution (7550)						WARD: City/County START DATE: 7/96 END DATE: 6/06				PROJECT NUMBER: W186 <u>ESTIMATED PROJECT COST</u> DESIGN 188.4 RIGHT-OF-WAY - CONSTRUCTION 1,700.1 OTHER 108.1 INFLATION 28.5 PROJECT TOTAL 2,025.1		
PROJECT TITLE: Emergency Main Replacement DESCRIPTION: Install approximately 3,000 feet of 2-inch, 4-inch, and 6-inch water mains on an as-needed, emergency basis.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	530.0	-	-	-	-	-	-	-	-	-	530.0
1994 Water Revenue Bonds Series B	89	144.7	-	-	-	-	-	-	-	-	-	144.7
1994 WIFA Bonds Series A	82	204.0	-	-	-	-	-	-	-	-	-	204.0
1994 WIFA Bonds Series B	90	546.4	-	-	-	-	-	-	-	-	-	546.4
2000 Water Revenue Bonds	85	100.0	-	100.0	100.0	100.0	100.0	-	-	300.0	-	400.0
Unfunded Requirements	100	-	-	-	-	-	-	100.0	100.0	200.0	-	200.0
TOTAL		1,525.1	-	100.0	100.0	100.0	100.0	100.0	100.0	500.0	-	2,025.1
INFLATION ADJUSTMENT:						3.0	6.0	8.5	11.0	28.5	-	28.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Tucson Water - Potable Distribution (7550) PROJECT TITLE: Extensions for New Services DESCRIPTION: Design and install extensions from the distribution system as requested by customers. Associated costs are reimbursed by the customer.						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W107 <u>ESTIMATED PROJECT COST</u> DESIGN 20.0 RIGHT-OF-WAY - CONSTRUCTION 70.0 OTHER - INFLATION 10.0 PROJECT TOTAL 100.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
TOTAL		-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
INFLATION ADJUSTMENT:						-	1.0	1.0	1.0	3.0	7.0	10.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Distribution (7550) PROJECT TITLE: Future Distribution Main Projects DESCRIPTION: Design and installation of distribution mains that are not yet specifically identified but will be needed in the future.						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: WDD9 <u>ESTIMATED PROJECT COST</u> DESIGN 2,832.0 RIGHT-OF-WAY - CONSTRUCTION 26,176.0 OTHER - INFLATION 4,197.0 PROJECT TOTAL 33,205.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	55.0	55.0	150.0	1,000.0	-	1,684.0	2,889.0	25,000.0	27,889.0
Unfunded Requirements	100	-	-	-	-	-	-	3,000.0	2,316.0	5,316.0	-	5,316.0
TOTAL		-	-	55.0	55.0	150.0	1,000.0	3,000.0	4,000.0	8,205.0	25,000.0	33,205.0
INFLATION ADJUSTMENT:						4.0	57.0	255.0	446.0	762.0	3,435.0	4,197.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Distribution (7550)							WARD: City/County			PROJECT NUMBER: W113			
PROJECT TITLE: Future Fire Hydrants and Fire Protection Mains							START DATE: 7/01						
DESCRIPTION: Design and install fire hydrants and fire protection-sized mains in areas where inadequate numbers of fire hydrants exist, and install hydrants in newly annexed areas.							END DATE: Annual			<u>ESTIMATED PROJECT COST</u>			
										DESIGN 120.0			
										RIGHT-OF-WAY -			
										CONSTRUCTION 1,234.0			
										OTHER -			
										INFLATION 146.0			
										PROJECT TOTAL 1,500.0			
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund		81	-	-	150.0	150.0	150.0	150.0	150.0	750.0	750.0	1,500.0	
TOTAL			-	-	150.0	150.0	150.0	150.0	150.0	750.0	750.0	1,500.0	
INFLATION ADJUSTMENT:							4.0	9.0	13.0	17.0	43.0	103.0	146.0
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Distribution (7550)							WARD: City/County			PROJECT NUMBER: W346			
PROJECT TITLE: Main Replacements							START DATE: 7/00						
DESCRIPTION: Replace deteriorating galvanized steel mains that could not be previously replaced because of pavement moratoriums or lack of easements.							END DATE: 6/04			<u>ESTIMATED PROJECT COST</u>			
										DESIGN 142.0			
										RIGHT-OF-WAY 12.0			
										CONSTRUCTION 1,702.0			
										OTHER -			
										INFLATION 44.0			
										PROJECT TOTAL 1,900.0			
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds		85	400.0	-	500.0	500.0	500.0	-	-	1,500.0	-	1,900.0	
TOTAL			400.0	-	500.0	500.0	500.0	-	-	1,500.0	-	1,900.0	
INFLATION ADJUSTMENT:							15.0	29.0	-	-	44.0	-	44.0
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Distribution (7550)						WARD: 1 START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W532 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 1,535.0 INFLATION 165.0 PROJECT TOTAL 1,700.0		
PROJECT TITLE: Midvale Farms Reimbursements DESCRIPTION: Provide reimbursements to developers for the installation of water systems under the Midvale Farms Agreement.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	170.0	170.0	170.0	170.0	170.0	170.0	850.0	850.0	1,700.0
TOTAL		-	-	170.0	170.0	170.0	170.0	170.0	170.0	850.0	850.0	1,700.0
INFLATION ADJUSTMENT:						5.0	10.0	14.0	19.0	48.0	117.0	165.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Distribution (7550)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W112 ESTIMATED PROJECT COST DESIGN 10.0 RIGHT-OF-WAY - CONSTRUCTION 80.0 OTHER - INFLATION 10.0 PROJECT TOTAL 100.0		
PROJECT TITLE: Minor Main Replacements Force Account DESCRIPTION: Design and install miscellaneous replacements of galvanized steel pipe using force account labor. Specific projects will be identified in the year of implementation.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
TOTAL		-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
INFLATION ADJUSTMENT:						-	1.0	1.0	1.0	3.0	7.0	10.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Tucson Water - Potable Distribution (7550)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W110 <u>ESTIMATED PROJECT COST</u> DESIGN 20.0 RIGHT-OF-WAY - CONSTRUCTION 206.0 OTHER - INFLATION 24.0 PROJECT TOTAL 250.0		
PROJECT TITLE: Miscellaneous Connections												
DESCRIPTION: Design and install miscellaneous connections with force account labor to integrate existing mains and zones that were originally installed independent of each other.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
TOTAL			-	-	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
INFLATION ADJUSTMENT:						1.0	1.0	2.0	3.0	7.0	17.0	24.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Distribution (7550)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W106 <u>ESTIMATED PROJECT COST</u> DESIGN 20.0 RIGHT-OF-WAY - CONSTRUCTION - OTHER 25.5 INFLATION 4.5 PROJECT TOTAL 50.0		
PROJECT TITLE: Miscellaneous Engineering Services												
DESCRIPTION: Provide engineering consulting services for capital projects in addition to in-house resources.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	5.0	5.0	5.0	5.0	5.0	5.0	25.0	25.0	50.0
TOTAL			-	-	5.0	5.0	5.0	5.0	5.0	25.0	25.0	50.0
INFLATION ADJUSTMENT:						-	-	-	1.0	1.0	3.5	4.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Distribution (7550)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W283 ESTIMATED PROJECT COST		
PROJECT TITLE: On-Call Valve Replacement Program DESCRIPTION: Upgrade and replace broken water valves to reduce the number of unplanned water interruptions to customers, improve water quality, and contribute to a more reliable system.										DESIGN 57.0 RIGHT-OF-WAY - CONSTRUCTION 1,731.5 OTHER 17.0 INFLATION 194.5 PROJECT TOTAL 2,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	200.0	200.0	200.0	200.0	-	-	600.0	-	600.0
Unfunded Requirements	100	-	-	-	-	-	-	200.0	200.0	400.0	1,000.0	1,400.0
TOTAL		-	-	200.0	200.0	200.0	200.0	200.0	200.0	1,000.0	1,000.0	2,000.0
INFLATION ADJUSTMENT:						6.0	11.5	17.0	22.5	57.0	137.5	194.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Distribution (7550)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W108 ESTIMATED PROJECT COST		
PROJECT TITLE: Payments to Developers for Oversized Systems DESCRIPTION: Reimburse developers the cost of oversizing water system components (pipes, mains, and boosters) when Tucson Water requests a capacity greater than needed by the developer.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION 2,258.0 OTHER - INFLATION 242.0 PROJECT TOTAL 2,500.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	250.0	250.0	250.0	250.0	-	-	750.0	-	750.0
Unfunded Requirements	100	-	-	-	-	-	-	250.0	250.0	500.0	1,250.0	1,750.0
TOTAL		-	-	250.0	250.0	250.0	250.0	250.0	250.0	1,250.0	1,250.0	2,500.0
INFLATION ADJUSTMENT:						7.0	14.0	21.0	28.0	70.0	172.0	242.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Distribution (7550)							WARD: County			PROJECT NUMBER: W285		
PROJECT TITLE: Peppertree Settlement							START DATE: 7/99			ESTIMATED PROJECT COST		
DESCRIPTION: Provide funding for settlements negotiated as a result of the Peppertree Area Plan and the original contractual agreements between Tucson Water and property owners within the Peppertree area.							END DATE: 6/04			DESIGN 551.2		
										RIGHT-OF-WAY -		
										CONSTRUCTION 475.0		
										OTHER 1,173.0		
										INFLATION 20.0		
										PROJECT TOTAL 2,219.2		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	1,487.2	-	260.0	260.0	247.0	225.0	-	-	732.0	-	2,219.2
TOTAL			-	260.0	260.0	247.0	225.0	-	-	732.0	-	2,219.2
INFLATION ADJUSTMENT:						7.0	13.0	-	-	20.0	-	20.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Distribution (7550)							WARD: Citywide			PROJECT NUMBER: W109		
PROJECT TITLE: Review of Developer-Financed Potable Projects							START DATE: 7/01			ESTIMATED PROJECT COST		
DESCRIPTION: Conduct plan reviews of developer-financed water system infrastructure projects to ensure compliance with Tucson Water requirements. These systems are donated to Tucson Water upon completion.							END DATE: Annual			DESIGN 6,322.0		
										RIGHT-OF-WAY -		
										CONSTRUCTION -		
										OTHER -		
										INFLATION 678.0		
										PROJECT TOTAL 7,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	700.0	700.0	700.0	700.0	700.0	700.0	3,500.0	3,500.0	7,000.0
TOTAL			-	700.0	700.0	700.0	700.0	700.0	700.0	3,500.0	3,500.0	7,000.0
INFLATION ADJUSTMENT:						20.0	40.0	59.0	78.0	197.0	481.0	678.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Distribution (7550)						WARD: Citywide START DATE: 7/99 END DATE: Annual				PROJECT NUMBER: W111 ESTIMATED PROJECT COST		
PROJECT TITLE: Road Improvement Main Replacements DESCRIPTION: The City of Tucson, Pima County, and the Arizona State Department of Transportation all initiate road improvement projects. Tucson Water installs water mains during these projects to increase system capacity, thereby realizing savings on the cost of pavement removal and replacement, as well as adhering to city and county pavement cutting policies.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION 4,773.0 OTHER 2,696.0 INFLATION 617.0 PROJECT TOTAL 8,086.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	836.0	1,250.0	2,086.0	1,000.0	625.0	-	-	3,711.0	-	3,711.0
Unfunded Requirements	100	-	-	-	-	-	-	625.0	625.0	1,250.0	3,125.0	4,375.0
TOTAL		-	836.0	1,250.0	2,086.0	1,000.0	625.0	625.0	625.0	4,961.0	3,125.0	8,086.0
INFLATION ADJUSTMENT:						29.0	36.0	53.0	70.0	188.0	429.0	617.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Distribution (7550)						WARD: City/County START DATE: 7/02 END DATE: Annual				PROJECT NUMBER: W252 ESTIMATED PROJECT COST		
PROJECT TITLE: Routine Main Replacements DESCRIPTION: Provide for previously unidentified minor main replacements to improve customer service.										DESIGN 554.5 RIGHT-OF-WAY - CONSTRUCTION 5,870.0 OTHER - INFLATION 775.5 PROJECT TOTAL 7,200.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	800.0	200.0	-	-	1,000.0	-	1,000.0
2000 Water Revenue Bond Interest	85I	-	-	-	-	-	600.0	-	-	600.0	-	600.0
Unfunded Requirements	100	-	-	-	-	-	-	800.0	800.0	1,600.0	4,000.0	5,600.0
TOTAL		-	-	-	-	800.0	800.0	800.0	800.0	3,200.0	4,000.0	7,200.0
INFLATION ADJUSTMENT:						23.0	46.0	68.0	89.0	226.0	549.5	775.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Potable Distribution (7550)							WARD: County				PROJECT NUMBER: W188		
PROJECT TITLE: Skyline Country Club System Modifications							START DATE: 7/97				ESTIMATED PROJECT COST		
DESCRIPTION: Modify the existing water system in the vicinity of Skyline Country Club (located at the northeast corner of Swan and Skyline Roads) to correct operating system problems. This project includes a study of pipeline, booster, storage, and site conditions.							END DATE: 6/03				DESIGN 63.9 RIGHT-OF-WAY 10.7 CONSTRUCTION 772.8 OTHER - INFLATION 11.0 PROJECT TOTAL 858.4		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Water Revenue and Operations Fund	81	18.4	-	-	-	-	-	-	-	-	-	18.4	
1994 Water Revenue Bonds Series C	79	19.2	-	-	-	-	-	-	-	-	-	19.2	
2000 Water Revenue Bonds	85	-	60.8	380.0	440.8	380.0	-	-	-	820.8	-	820.8	
TOTAL		37.6	60.8	380.0	440.8	380.0	-	-	-	820.8	-	858.4	
INFLATION ADJUSTMENT:						11.0	-	-	-	11.0	-	11.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

DEPARTMENT: Tucson Water - Potable Distribution (7550)							WARD: 2, County				PROJECT NUMBER: W330		
PROJECT TITLE: Speedway/Wentworth Main Replacement							START DATE: 7/00				ESTIMATED PROJECT COST		
DESCRIPTION: Replace deteriorated plastic water mains with new 2-inch, 4-inch, and 6-inch pipelines in the vicinity of Speedway Boulevard and Wentworth Road.							END DATE: 6/02				DESIGN 24.0 RIGHT-OF-WAY 3.0 CONSTRUCTION 573.0 OTHER - INFLATION - PROJECT TOTAL 600.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	300.0	-	300.0	300.0	-	-	-	-	300.0	-	600.0	
TOTAL		300.0	-	300.0	300.0	-	-	-	-	300.0	-	600.0	
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Potable Distribution (7550)					WARD: County START DATE: 10/90 END DATE: 6/05					PROJECT NUMBER: W533 ESTIMATED PROJECT COST DESIGN 20.8 RIGHT-OF-WAY - CONSTRUCTION 399.6 OTHER 242.5 INFLATION 8.0 PROJECT TOTAL 670.9		
PROJECT TITLE: Ventana Canyon Reimbursements DESCRIPTION: Provide reimbursements to developers for the installation of water systems under the Ventana Canyon Agreement.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	451.3	-	50.0	50.0	50.0	50.0	50.0	-	200.0	-	651.3
1984 Water Revenue Bond Funds	87	19.6	-	-	-	-	-	-	-	-	-	19.6
TOTAL		470.9	-	50.0	50.0	50.0	50.0	50.0	-	200.0	-	670.9
INFLATION ADJUSTMENT:						1.0	3.0	4.0	-	8.0	-	8.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Distribution (7550)					WARD: City/County START DATE: 7/01 END DATE: 6/06					PROJECT NUMBER: W348 ESTIMATED PROJECT COST DESIGN 225.0 RIGHT-OF-WAY 30.0 CONSTRUCTION 2,610.5 OTHER - INFLATION 177.5 PROJECT TOTAL 3,043.0		
PROJECT TITLE: Water System Betterment DESCRIPTION: Work performed by other jurisdictions may require the relocation of water lines. This project will provide funding for design, materials, and the relocation of water lines with new pipe at various sites as needed by the transportation departments of the state, county, and city.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	567.0	567.0	589.0	609.0	-	-	1,765.0	-	1,765.0
Unfunded Requirements	100	-	-	-	-	-	-	630.0	648.0	1,278.0	-	1,278.0
TOTAL		-	-	567.0	567.0	589.0	609.0	630.0	648.0	3,043.0	-	3,043.0
INFLATION ADJUSTMENT:						17.0	35.0	53.5	72.0	177.5	-	177.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 7,617,000

PROGRAM AREA: Potable New Services

The Potable New Services program provides for the installation of new domestic and commercial water connections, including water meters, required by the continued growth within Tucson Water's service area. Customer-requested service costs are paid by customers through connection fees. This program area is intended to accomplish the goal of meeting the water use demands of the customers in the service area with high quality water.

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Fire Services	B - 294	-	-	363.0	363.0	370.0	370.0	370.0	370.0	1,843.0	1,850.0	3,693.0
Water Revenue and Operations Fund		-	-	363.0	363.0	370.0	370.0	370.0	370.0	1,843.0	1,850.0	3,693.0
Water Services	B - 294	-	-	1,154.0	1,154.0	1,155.0	1,155.0	1,155.0	1,155.0	5,774.0	5,775.0	11,549.0
Water Revenue and Operations Fund		-	-	1,154.0	1,154.0	1,155.0	1,155.0	1,155.0	1,155.0	5,774.0	5,775.0	11,549.0
TOTAL		-	-	1,517.0	1,517.0	1,525.0	1,525.0	1,525.0	1,525.0	7,617.0	7,625.0	15,242.0
<u>Source of Funds</u>	<u>Fund No.</u>											
Water Revenue and Operations Fund	81	-	-	1,517.0	1,517.0	1,525.0	1,525.0	1,525.0	1,525.0	7,617.0	7,625.0	15,242.0
TOTAL		-	-	1,517.0	1,517.0	1,525.0	1,525.0	1,525.0	1,525.0	7,617.0	7,625.0	15,242.0
Inflation Adjustment				-	-	45.0	87.0	129.0	170.0	431.0	1,047.5	1,478.5
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable New Services (7560) PROJECT TITLE: Fire Services DESCRIPTION: Design and install fire hydrants and fire protection-sized mains upon customer request and payment of connection fees.						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W124 <u>ESTIMATED PROJECT COST</u> DESIGN 308.0 RIGHT-OF-WAY - CONSTRUCTION 3,027.0 OTHER - INFLATION 358.0 PROJECT TOTAL 3,693.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	363.0	363.0	370.0	370.0	370.0	370.0	1,843.0	1,850.0	3,693.0
TOTAL		-	-	363.0	363.0	370.0	370.0	370.0	370.0	1,843.0	1,850.0	3,693.0
INFLATION ADJUSTMENT:						11.0	21.0	31.0	41.0	104.0	254.0	358.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable New Services (7560) PROJECT TITLE: Water Services DESCRIPTION: Install new metered water services upon customer request and payment of connection fees. These services include minor main connections, extensions to new services, and minor production facility upgrades.						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W114 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 10,428.5 INFLATION 1,120.5 PROJECT TOTAL 11,549.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	1,154.0	1,154.0	1,155.0	1,155.0	1,155.0	1,155.0	5,774.0	5,775.0	11,549.0
TOTAL		-	-	1,154.0	1,154.0	1,155.0	1,155.0	1,155.0	1,155.0	5,774.0	5,775.0	11,549.0
INFLATION ADJUSTMENT:						34.0	66.0	98.0	129.0	327.0	793.5	1,120.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 16,027,000

PROGRAM AREA: General Plant

The General Plant program funds facility improvements to reduce costs and maintain or improve overall utility operational efficiency. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility

The program contains the following types of projects, which are intended to accomplish the above goals:

- Acquire land and equipment
- Construct walls, fencing, and landscaping at water facilities
- Upgrade a computerized water hydraulic model
- Upgrade facility access and conduct other site improvements

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Avra Valley Maintenance Facility	B - 298	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
2000 Water Revenue Bonds		-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Casa del Agua House Improvements	B - 298	24.9	5.0	265.0	270.0	-	-	-	-	270.0	-	294.9
1994 Water Revenue Bonds Series D		24.9	-	-	-	-	-	-	-	-	-	24.9
2000 Water Revenue Bonds		-	5.0	265.0	270.0	-	-	-	-	270.0	-	270.0
Clearwell Reservoir Access Road	B - 299	117.0	-	350.0	350.0	-	-	-	-	350.0	-	467.0
Water Revenue and Operations Fund		18.5	-	-	-	-	-	-	-	-	-	18.5
1984 Water Revenue Bond Funds		44.4	-	-	-	-	-	-	-	-	-	44.4
1994 Water Revenue Bonds Series A		0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bonds Series B		3.0	-	-	-	-	-	-	-	-	-	3.0
1994 Water Revenue Bonds Series C		31.1	-	-	-	-	-	-	-	-	-	31.1
1994 Water Revenue Bonds Series D		19.8	-	-	-	-	-	-	-	-	-	19.8
2000 Water Revenue Bonds		-	-	350.0	350.0	-	-	-	-	350.0	-	350.0
Facility Access and Site Drainage Improvements	B - 299	-	-	75.0	75.0	75.0	75.0	75.0	75.0	375.0	375.0	750.0
2000 Water Revenue Bonds		-	-	75.0	75.0	75.0	75.0	-	-	225.0	-	225.0
Unfunded Requirements		-	-	-	-	-	-	75.0	75.0	150.0	375.0	525.0
Facility Improvements	B - 300	-	-	55.0	55.0	55.0	555.0	1,055.0	2,055.0	3,775.0	275.0	4,050.0
Water Revenue and Operations Fund		-	-	55.0	55.0	55.0	493.0	360.0	55.0	1,018.0	275.0	1,293.0
Unfunded Requirements		-	-	-	-	-	62.0	695.0	2,000.0	2,757.0	-	2,757.0
Geographic Information System (GIS)	B - 300	-	-	469.0	469.0	526.0	341.0	297.0	406.0	2,039.0	-	2,039.0
2000 Water Revenue Bonds		-	-	469.0	469.0	526.0	341.0	-	-	1,336.0	-	1,336.0
Unfunded Requirements		-	-	-	-	-	-	297.0	406.0	703.0	-	703.0
Maintenance Management Program	B - 301	925.0	-	630.0	630.0	-	-	-	-	630.0	-	1,555.0
Water Revenue and Operations Fund		500.0	-	-	-	-	-	-	-	-	-	500.0
1994 Water Revenue Bonds Series D		425.0	-	-	-	-	-	-	-	-	-	425.0
2000 Water Revenue Bonds		-	-	630.0	630.0	-	-	-	-	630.0	-	630.0
Microwave Radio Replacements	B - 301	303.1	600.0	600.0	1,200.0	440.0	-	-	-	1,640.0	-	1,943.1
Water Revenue and Operations Fund		47.4	-	-	-	-	-	-	-	-	-	47.4
1994 Water Revenue Bonds Series C		134.4	-	-	-	-	-	-	-	-	-	134.4
1994 Water Revenue Bonds Series D		121.3	-	-	-	-	-	-	-	-	-	121.3
2000 Water Revenue Bonds		-	600.0	600.0	1,200.0	440.0	-	-	-	1,640.0	-	1,640.0

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Miscellaneous Land and Right-of-Way Acquisitions	B - 302	-	-	10.0	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
Water Revenue and Operations Fund		-	-	10.0	10.0	10.0	10.0	-	-	30.0	-	30.0
Unfunded Requirements		-	-	-	-	-	-	10.0	10.0	20.0	50.0	70.0
Sound Control for Production Facilities	B - 302	-	10.0	30.0	40.0	30.0	30.0	30.0	30.0	160.0	150.0	310.0
2000 Water Revenue Bonds		-	10.0	30.0	40.0	30.0	30.0	-	-	100.0	-	100.0
Unfunded Requirements		-	-	-	-	-	-	30.0	30.0	60.0	150.0	210.0
Vehicle and Capital Equipment Acquisitions	B - 303	-	-	1,416.0	1,416.0	758.0	966.0	1,548.0	1,500.0	6,188.0	7,500.0	13,688.0
Water Revenue and Operations Fund		-	-	1,416.0	1,416.0	758.0	966.0	-	-	3,140.0	-	3,140.0
Unfunded Requirements		-	-	-	-	-	-	1,548.0	1,500.0	3,048.0	7,500.0	10,548.0
Walls, Fencing, and Landscaping	B - 303	-	-	70.0	70.0	70.0	70.0	70.0	70.0	350.0	350.0	700.0
Water Revenue and Operations Fund		-	-	70.0	70.0	70.0	70.0	-	-	210.0	-	210.0
Unfunded Requirements		-	-	-	-	-	-	70.0	70.0	140.0	350.0	490.0
TOTAL		1,370.0	615.0	4,170.0	4,785.0	1,964.0	2,047.0	3,085.0	4,146.0	16,027.0	8,700.0	26,097.0
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	565.9	-	1,551.0	1,551.0	893.0	1,539.0	360.0	55.0	4,398.0	275.0	5,238.9
1984 Water Revenue Bond Funds	87	44.4	-	-	-	-	-	-	-	-	-	44.4
1994 Water Revenue Bonds Series A	88	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bonds Series B	89	3.0	-	-	-	-	-	-	-	-	-	3.0
1994 Water Revenue Bonds Series C	79	165.5	-	-	-	-	-	-	-	-	-	165.5
1994 Water Revenue Bonds Series D	80	591.0	-	-	-	-	-	-	-	-	-	591.0
2000 Water Revenue Bonds	85	-	615.0	2,619.0	3,234.0	1,071.0	446.0	-	-	4,751.0	-	4,751.0
Unfunded Requirements	100	-	-	-	-	-	62.0	2,725.0	4,091.0	6,878.0	8,425.0	15,303.0
TOTAL		1,370.0	615.0	4,170.0	4,785.0	1,964.0	2,047.0	3,085.0	4,146.0	16,027.0	8,700.0	26,097.0
Inflation Adjustment				-	-	56.5	118.0	261.5	461.0	897.0	1,196.0	2,093.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - General Plant (7570)						WARD: County START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: W342 ESTIMATED PROJECT COST DESIGN 16.0 RIGHT-OF-WAY 2.0 CONSTRUCTION 182.0 OTHER - INFLATION - PROJECT TOTAL 200.0		
PROJECT TITLE: Avra Valley Maintenance Facility												
DESCRIPTION: Design and construct a facility to provide for the maintenance of the Avra Valley Well Field and recharge basins.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
TOTAL			-	200.0	200.0	-	-	-	-	200.0	-	200.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - General Plant (7570)						WARD: 3 START DATE: 7/99 END DATE: 6/02				PROJECT NUMBER: W302 ESTIMATED PROJECT COST DESIGN 21.0 RIGHT-OF-WAY 3.0 CONSTRUCTION 270.9 OTHER - INFLATION - PROJECT TOTAL 294.9		
PROJECT TITLE: Casa del Agua House Improvements												
DESCRIPTION: Casa del Agua will be remodeled to allow the general public, school groups, and other interested parties to learn about the regional water issues confronting our community. The project will include interior structural changes, exterior changes, and the development of a parking lot. Many of the changes are required to meet Americans with Disabilities Act (ADA) requirements.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1994 Water Revenue Bonds Series D	80	24.9	-	-	-	-	-	-	-	-	-	24.9
2000 Water Revenue Bonds	85	-	5.0	265.0	270.0	-	-	-	-	270.0	-	270.0
TOTAL			24.9	265.0	270.0	-	-	-	-	270.0	-	294.9
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - General Plant (7570)						WARD: 1 START DATE: 1/91 END DATE: 6/02				PROJECT NUMBER: W557 <u>ESTIMATED PROJECT COST</u> DESIGN 120.7 RIGHT-OF-WAY 0.7 CONSTRUCTION 341.0 OTHER 4.6 INFLATION - PROJECT TOTAL 467.0		
PROJECT TITLE: Clearwell Reservoir Access Road DESCRIPTION: Design and construct an access road to the Clearwell Reservoir that is needed for routine and emergency maintenance of the reservoir and for the installation of equipment.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	18.5	-	-	-	-	-	-	-	-	-	18.5
1984 Water Revenue Bond Funds	87	44.4	-	-	-	-	-	-	-	-	-	44.4
1994 Water Revenue Bonds Series A	88	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bonds Series B	89	3.0	-	-	-	-	-	-	-	-	-	3.0
1994 Water Revenue Bonds Series C	79	31.1	-	-	-	-	-	-	-	-	-	31.1
1994 Water Revenue Bonds Series D	80	19.8	-	-	-	-	-	-	-	-	-	19.8
2000 Water Revenue Bonds	85	-	-	350.0	350.0	-	-	-	-	350.0	-	350.0
TOTAL		117.0	-	350.0	350.0	-	-	-	-	350.0	-	467.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - General Plant (7570)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W246 <u>ESTIMATED PROJECT COST</u> DESIGN 24.0 RIGHT-OF-WAY - CONSTRUCTION 654.5 OTHER - INFLATION 71.5 PROJECT TOTAL 750.0		
PROJECT TITLE: Facility Access and Site Drainage Improvements DESCRIPTION: Design and construct all-weather access and site modifications for wells, pumping plants, and reservoirs to provide access to sites during storms and to correct drainage problems at existing facilities.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	75.0	75.0	75.0	75.0	-	-	225.0	-	225.0
Unfunded Requirements	100	-	-	-	-	-	-	75.0	75.0	150.0	375.0	525.0
TOTAL		-	-	75.0	75.0	75.0	75.0	75.0	75.0	375.0	375.0	750.0
INFLATION ADJUSTMENT:						2.0	4.0	6.0	8.0	20.0	51.5	71.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Tucson Water - General Plant (7570) PROJECT TITLE: Facility Improvements DESCRIPTION: Acquire land and easements, and construct or renovate administrative and satellite facilities to reduce costs and maintenance or improve overall efficiency. This project will provide for needed safety improvements at various water facilities and address structural water damage at La Entrada.						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: WG99 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 3,659.0 INFLATION 391.0 PROJECT TOTAL 4,050.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	55.0	55.0	55.0	493.0	360.0	55.0	1,018.0	275.0	1,293.0
Unfunded Requirements	100	-	-	-	-	-	62.0	695.0	2,000.0	2,757.0	-	2,757.0
TOTAL		-	-	55.0	55.0	55.0	555.0	1,055.0	2,055.0	3,775.0	275.0	4,050.0
INFLATION ADJUSTMENT:						2.0	32.0	90.0	229.0	353.0	38.0	391.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - General Plant (7570) PROJECT TITLE: Geographic Information System (GIS) DESCRIPTION: Convert the existing paper-based valve map system to a digital system compatible with departmental computer systems. This system will provide for immediately transmission of information for field-use and will aid in timely responses to main breaks and water shut-downs.						WARD: City/County START DATE: 7/01 END DATE: 6/06				PROJECT NUMBER: W358 ESTIMATED PROJECT COST DESIGN 162.0 RIGHT-OF-WAY 17.0 CONSTRUCTION 1,755.0 OTHER - INFLATION 105.0 PROJECT TOTAL 2,039.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	469.0	469.0	526.0	341.0	-	-	1,336.0	-	1,336.0
Unfunded Requirements	100	-	-	-	-	-	-	297.0	406.0	703.0	-	703.0
TOTAL		-	-	469.0	469.0	526.0	341.0	297.0	406.0	2,039.0	-	2,039.0
INFLATION ADJUSTMENT:						15.0	20.0	25.0	45.0	105.0	-	105.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
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DEPARTMENT: Tucson Water - General Plant (7570)						WARD: Citywide START DATE: 7/99 END DATE: 6/02				PROJECT NUMBER: WSFT <u>ESTIMATED PROJECT COST</u> DESIGN 630.0 RIGHT-OF-WAY - CONSTRUCTION - OTHER 925.0 INFLATION - PROJECT TOTAL 1,555.0		
PROJECT TITLE: Maintenance Management Program												
DESCRIPTION: Acquire software for the Maintenance Management Program.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	500.0	-	-	-	-	-	-	-	-	-	500.0
1994 Water Revenue Bonds Series D	80	425.0	-	-	-	-	-	-	-	-	-	425.0
2000 Water Revenue Bonds	85	-	-	630.0	630.0	-	-	-	-	630.0	-	630.0
TOTAL			-	630.0	630.0	-	-	-	-	630.0	-	1,555.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - General Plant (7570)						WARD: City/County START DATE: 7/98 END DATE: 6/03				PROJECT NUMBER: W251 <u>ESTIMATED PROJECT COST</u> DESIGN 112.6 RIGHT-OF-WAY - CONSTRUCTION 7.2 OTHER 1,810.3 INFLATION 13.0 PROJECT TOTAL 1,943.1		
PROJECT TITLE: Microwave Radio Replacements												
DESCRIPTION: Replace microwave radios at existing wells, reservoirs, boosters, and large pressure regulating valve facilities. These radios transmit data from remote sites to a single control location, providing centralized control of water flow. The existing microwave radio manufacturer will no longer repair or replace parts. Additionally, the current technology will not comply with anticipated Federal Communication Commission regulations.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	47.4	-	-	-	-	-	-	-	-	-	47.4
1994 Water Revenue Bonds Series C	79	134.4	-	-	-	-	-	-	-	-	-	134.4
1994 Water Revenue Bonds Series D	80	121.3	-	-	-	-	-	-	-	-	-	121.3
2000 Water Revenue Bonds	85	-	600.0	600.0	1,200.0	440.0	-	-	-	1,640.0	-	1,640.0
TOTAL			600.0	600.0	1,200.0	440.0	-	-	-	1,640.0	-	1,943.1
INFLATION ADJUSTMENT:						13.0	-	-	-	13.0	-	13.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - General Plant (7570)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W126 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY 90.0 CONSTRUCTION - OTHER - INFLATION 10.0 PROJECT TOTAL 100.0		
PROJECT TITLE: Miscellaneous Land and Right-of-Way Acquisitions DESCRIPTION: Acquire land, perpetual right-of-way privileges, or easements not provided for in specific well, booster station, reservoir, and pipeline projects.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	10.0	10.0	10.0	10.0	-	-	30.0	-	30.0
Unfunded Requirements	100	-	-	-	-	-	-	10.0	10.0	20.0	50.0	70.0
TOTAL			-	-	10.0	10.0	10.0	10.0	10.0	50.0	50.0	100.0
INFLATION ADJUSTMENT:						-	1.0	1.0	1.0	3.0	7.0	10.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - General Plant (7570)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W344 <u>ESTIMATED PROJECT COST</u> DESIGN 12.0 RIGHT-OF-WAY - CONSTRUCTION 269.0 OTHER - INFLATION 29.0 PROJECT TOTAL 310.0		
PROJECT TITLE: Sound Control for Production Facilities DESCRIPTION: Design and construct sound control at production facilities. Design standards have been completed for the control of sound produced by equipment located at Tucson Water production facilities. This project provides a positive way of resolving public complaints regarding excessive noise.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	10.0	30.0	40.0	30.0	30.0	-	-	100.0	-	100.0
Unfunded Requirements	100	-	-	-	-	-	-	30.0	30.0	60.0	150.0	210.0
TOTAL			-	10.0	30.0	30.0	30.0	30.0	30.0	160.0	150.0	310.0
INFLATION ADJUSTMENT:						0.5	2.0	2.5	3.0	8.0	21.0	29.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - General Plant (7570)							WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: WEQP <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 12,282.5 INFLATION 1,405.5 PROJECT TOTAL 13,688.0		
PROJECT TITLE: Vehicle and Capital Equipment Acquisitions													
DESCRIPTION: Acquire vehicles, construction and computer equipment, and other capital equipment needed to meet the operation and maintenance requirements of Tucson Water.													
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund		81	-	-	1,416.0	1,416.0	758.0	966.0	-	-	3,140.0	-	3,140.0
Unfunded Requirements		100	-	-	-	-	-	-	1,548.0	1,500.0	3,048.0	7,500.0	10,548.0
TOTAL			-	-	1,416.0	1,416.0	758.0	966.0	1,548.0	1,500.0	6,188.0	7,500.0	13,688.0
INFLATION ADJUSTMENT:							22.0	55.0	131.0	167.0	375.0	1,030.5	1,405.5
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - General Plant (7570)							WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W245 <u>ESTIMATED PROJECT COST</u> DESIGN 65.0 RIGHT-OF-WAY - CONSTRUCTION 567.0 OTHER - INFLATION 68.0 PROJECT TOTAL 700.0		
PROJECT TITLE: Walls, Fencing, and Landscaping													
DESCRIPTION: Design and construct walls, fences, and landscaping for various existing production facilities.													
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund		81	-	-	70.0	70.0	70.0	70.0	-	-	210.0	-	210.0
Unfunded Requirements		100	-	-	-	-	-	-	70.0	70.0	140.0	350.0	490.0
TOTAL			-	-	70.0	70.0	70.0	70.0	70.0	70.0	350.0	350.0	700.0
INFLATION ADJUSTMENT:							2.0	4.0	6.0	8.0	20.0	48.0	68.0
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 15,212,000

PROGRAM AREA: Potable Treatment

The Potable Treatment program funds improvements to the Hayden-Udall Water Treatment Plant and related infrastructure. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility
- Comply with the water usage, safe yield, and assured water supply requirements of the Arizona State Groundwater Management Act

The program contains the following types of projects, which are intended to accomplish the above goals:

- Repair concrete to prevent leakage and stop internal corrosion
- Prevent non-potable water from entering the potable water reservoir (forebay) as required by Arizona Department of Environmental Quality (ADEQ)
- Structural retrofit of the filter complex to prevent additional structural damage
- Modify ozone systems, to comply with Environmental Protection Agency and ADEQ requirements, which will allow the plant to run continuously and reduce operation cost
- Repair leaks to the raw water impoundment basins
- Repair site subsidence, street lighting, and plumbing

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Hayden-Udall Chemical Feed Improvements	B - 306	1,177.3	-	556.0	556.0	-	136.0	-	-	692.0	-	1,869.3
Water Revenue and Operations Fund		-	-	-	-	-	136.0	-	-	136.0	-	136.0
2000 Water Revenue Bonds		1,177.3	-	556.0	556.0	-	-	-	-	556.0	-	1,733.3
Hayden-Udall Water Treatment Plant Improvements	B - 306	2,936.6	159.0	208.0	367.0	2,345.0	878.0	3,029.0	512.0	7,131.0	606.0	10,673.6
Water Revenue and Operations Fund		97.3	-	-	-	-	-	-	-	-	-	97.3
1994 Water Revenue Bonds Series B		666.5	-	-	-	-	-	-	-	-	-	666.5
1994 Water Revenue Bonds Series C		1,253.6	-	-	-	-	-	-	-	-	-	1,253.6
1994 Water Revenue Bonds Series D		641.5	-	-	-	-	-	-	-	-	-	641.5
2000 Water Revenue Bonds		277.7	159.0	208.0	367.0	2,345.0	294.0	-	-	3,006.0	-	3,283.7
Central Arizona Project Reserve Fund		-	-	-	-	-	584.0	-	202.0	786.0	-	786.0
Unfunded Requirements		-	-	-	-	-	-	3,029.0	310.0	3,339.0	606.0	3,945.0
Technical Drive Improvements	B - 307	-	-	-	-	-	400.0	1,000.0	-	1,400.0	-	1,400.0
Central Arizona Project Reserve Fund		-	-	-	-	-	400.0	983.0	-	1,383.0	-	1,383.0
Unfunded Requirements		-	-	-	-	-	-	17.0	-	17.0	-	17.0
Treatment Improvements	B - 307	-	-	-	-	-	1,500.0	2,000.0	2,000.0	5,500.0	10,000.0	15,500.0
Water Revenue and Operations Fund		-	-	-	-	-	-	1,717.0	2,000.0	3,717.0	10,000.0	13,717.0
Unfunded Requirements		-	-	-	-	-	1,500.0	283.0	-	1,783.0	-	1,783.0
Water Quality Monitoring Equipment	B - 308	-	-	489.0	489.0	-	-	-	-	489.0	-	489.0
Water Revenue and Operations Fund		-	-	489.0	489.0	-	-	-	-	489.0	-	489.0
TOTAL		4,113.9	159.0	1,253.0	1,412.0	2,345.0	2,914.0	6,029.0	2,512.0	15,212.0	10,606.0	29,931.9
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	97.3	-	489.0	489.0	-	136.0	1,717.0	2,000.0	4,342.0	10,000.0	14,439.3
1994 Water Revenue Bonds Series B	89	666.5	-	-	-	-	-	-	-	-	-	666.5
1994 Water Revenue Bonds Series C	79	1,253.6	-	-	-	-	-	-	-	-	-	1,253.6
1994 Water Revenue Bonds Series D	80	641.5	-	-	-	-	-	-	-	-	-	641.5
2000 Water Revenue Bonds	85	1,455.0	159.0	764.0	923.0	2,345.0	294.0	-	-	3,562.0	-	5,017.0
Central Arizona Project Reserve Fund	83	-	-	-	-	-	984.0	983.0	202.0	2,169.0	-	2,169.0
Unfunded Requirements	100	-	-	-	-	-	1,500.0	3,329.0	310.0	5,139.0	606.0	5,745.0
TOTAL		4,113.9	159.0	1,253.0	1,412.0	2,345.0	2,914.0	6,029.0	2,512.0	15,212.0	10,606.0	29,931.9
Inflation Adjustment				-	-	68.0	167.0	511.0	280.5	1,026.5	1,457.0	2,483.5
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable Treatment (7591)						WARD: County START DATE: 11/00 END DATE: 6/04				PROJECT NUMBER: W355 <u>ESTIMATED PROJECT COST</u> DESIGN 662.3 RIGHT-OF-WAY 10.0 CONSTRUCTION 1,189.0 OTHER - INFLATION 8.0 PROJECT TOTAL 1,869.3					
PROJECT TITLE: Hayden-Udall Chemical Feed Improvements DESCRIPTION: Modifications to the Hayden-Udall Treatment Plant chemical feed system and other improvements required to begin the initial delivery of water from Clearwater Renewable Resource Facility. The chemical feed system modifications will ensure proper disinfection and pH and corrosion control.															
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT			
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006						
Water Revenue and Operations Fund	81	-	-	-	-	-	136.0	-	-	136.0	-	136.0			
2000 Water Revenue Bonds	85	1,177.3	-	556.0	556.0	-	-	-	-	556.0	-	1,733.3			
TOTAL			-	556.0	556.0	-	136.0	-	-	692.0	-	1,869.3			
INFLATION ADJUSTMENT:						-	8.0	-	-	8.0	-	8.0			
ANNUAL OPERATING COST:						-	-	-	-	-	-	-			

DEPARTMENT: Tucson Water - Potable Treatment (7591)						WARD: County START DATE: 7/97 END DATE: 6/07				PROJECT NUMBER: W165 <u>ESTIMATED PROJECT COST</u> DESIGN 1,579.4 RIGHT-OF-WAY 29.0 CONSTRUCTION 8,549.1 OTHER 0.6 INFLATION 515.5 PROJECT TOTAL 10,673.6					
PROJECT TITLE: Hayden-Udall Water Treatment Plant Improvements DESCRIPTION: Design and construct improvements to major construction project deficiencies at the Hayden-Udall Water Treatment Plant. Improvements include construction of an underdrain system for the Snyder Hill Pump Station Forebay, access tunnels for the ozone system, structural retrofit of the filter complex, soil drainage systems, ozone system mechanical modifications, and the repair of concrete cracks, leaking joints, and other miscellaneous items.															
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT			
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006						
Water Revenue and Operations Fund	81	97.3	-	-	-	-	-	-	-	-	-	97.3			
1994 Water Revenue Bonds Series B	89	666.5	-	-	-	-	-	-	-	-	-	666.5			
1994 Water Revenue Bonds Series C	79	1,253.6	-	-	-	-	-	-	-	-	-	1,253.6			
1994 Water Revenue Bonds Series D	80	641.5	-	-	-	-	-	-	-	-	-	641.5			
2000 Water Revenue Bonds	85	277.7	159.0	208.0	367.0	2,345.0	294.0	-	-	3,006.0	-	3,283.7			
Central Arizona Project Reserve Fund	83	-	-	-	-	-	584.0	-	202.0	786.0	-	786.0			
Unfunded Requirements	100	-	-	-	-	-	-	3,029.0	310.0	3,339.0	606.0	3,945.0			
TOTAL			159.0	208.0	367.0	2,345.0	878.0	3,029.0	512.0	7,131.0	606.0	10,673.6			
INFLATION ADJUSTMENT:						68.0	50.0	257.0	57.5	432.5	83.0	515.5			
ANNUAL OPERATING COST:						-	-	-	-	-	-	-			

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable Treatment (7591)							WARD: City/County				PROJECT NUMBER: W356		
PROJECT TITLE: Technical Drive Improvements							START DATE: 7/04						
DESCRIPTION: Design and construct a chemical feed facility and related flowmeter and water quality monitoring equipment at the Technical Drive pressure regulating valve station. This work is needed to provide additional water quality control required for the Clearwater Facility blended water which will be delivered into the distribution system. Additional water quality adjustment is anticipated in the future for the blended water in order to maintain the high level of corrosion control for the water distribution system.							END DATE: 6/05						
											<u>ESTIMATED PROJECT COST</u>		
											DESIGN 447.0		
											RIGHT-OF-WAY 10.0		
											CONSTRUCTION 836.0		
											OTHER -		
											INFLATION 107.0		
											PROJECT TOTAL 1,400.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Central Arizona Project Reserve Fund	83	-	-	-	-	-	400.0	983.0	-	1,383.0	-	1,383.0	
Unfunded Requirements	100	-	-	-	-	-	-	17.0	-	17.0	-	17.0	
TOTAL			-	-	-	-	400.0	1,000.0	-	1,400.0	-	1,400.0	
INFLATION ADJUSTMENT:							-		23.0	84.0	-	107.0	
ANNUAL OPERATING COST:							-		-	-	-	-	

DEPARTMENT: Tucson Water - Potable Treatment (7591)							WARD: County				PROJECT NUMBER: WH99		
PROJECT TITLE: Treatment Improvements							START DATE: 7/03						
DESCRIPTION: Enhancements to the treatment facilities associated with the introduction of water from the Clearwater Renewable Resource Facility (CRRF). The funding will be used as a drawdown account as specific projects are identified in the year of implementation.							END DATE: Annual						
											<u>ESTIMATED PROJECT COST</u>		
											DESIGN -		
											RIGHT-OF-WAY -		
											CONSTRUCTION -		
											OTHER 13,647.0		
											INFLATION 1,853.0		
											PROJECT TOTAL 15,500.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Water Revenue and Operations Fund	81	-	-	-	-	-	-	1,717.0	2,000.0	3,717.0	10,000.0	13,717.0	
Unfunded Requirements	100	-	-	-	-	-	1,500.0	283.0	-	1,783.0	-	1,783.0	
TOTAL			-	-	-	-	1,500.0	2,000.0	2,000.0	5,500.0	10,000.0	15,500.0	
INFLATION ADJUSTMENT:							-		86.0	170.0	223.0	479.0	
ANNUAL OPERATING COST:							-		-	-	-	-	

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable Treatment (7591)						WARD: County START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: W351 <u>ESTIMATED PROJECT COST</u> DESIGN 89.0 RIGHT-OF-WAY - CONSTRUCTION - OTHER 400.0 INFLATION - PROJECT TOTAL 489.0			
PROJECT TITLE: Water Quality Monitoring Equipment													
DESCRIPTION: Design and construct real-time water quality monitoring stations throughout the distribution system.													
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund		81	-	-	489.0	489.0	-	-	-	-	489.0	-	489.0
TOTAL			-	-	489.0	489.0	-	-	-	-	489.0	-	489.0
INFLATION ADJUSTMENT:													
ANNUAL OPERATING COST:													

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 4,455,000

PROGRAM AREA: Potable Process Control

The potable control system provides continuous data logging and control of all functions necessary to properly operate and maintain the water system. The program includes improvements as the water system is expanded and is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility
- Maintain water rates at levels acceptable to the community and share the costs among present and future rate payers

The program contains the following types of projects, which are intended to accomplish the above goals:

- Control panel replacements
- Microwave radio replacements and a new northwest master radio station
- Process control and metering devices

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Control Panel Replacements	B - 311	525.3	-	920.0	920.0	920.0	920.0	770.0	-	3,530.0	-	4,055.3
Water Revenue and Operations Fund		461.9	-	-	-	-	-	-	-	-	-	461.9
1984 Water Revenue Bond Funds		0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bonds Series B		3.7	-	-	-	-	-	-	-	-	-	3.7
1994 Water Revenue Bonds Series C		52.5	-	-	-	-	-	-	-	-	-	52.5
1994 Water Revenue Bonds Series D		7.0	-	-	-	-	-	-	-	-	-	7.0
2000 Water Revenue Bonds		-	-	920.0	920.0	920.0	920.0	-	-	2,760.0	-	2,760.0
Unfunded Requirements		-	-	-	-	-	-	770.0	-	770.0	-	770.0
Future Process Control Projects	B - 311	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
Water Revenue and Operations Fund		-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
Southwest Turnout Meter	B - 312	-	-	400.0	400.0	-	-	-	-	400.0	-	400.0
2000 Water Revenue Bonds		-	-	400.0	400.0	-	-	-	-	400.0	-	400.0
Starr Pass Flow Meter Station	B - 312	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0
2000 Water Revenue Bonds		-	-	250.0	250.0	-	-	-	-	250.0	-	250.0
TOTAL		525.3	-	1,625.0	1,625.0	975.0	975.0	825.0	55.0	4,455.0	275.0	5,255.3
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	461.9	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	1,011.9
1984 Water Revenue Bond Funds	87	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bonds Series B	89	3.7	-	-	-	-	-	-	-	-	-	3.7
1994 Water Revenue Bonds Series C	79	52.5	-	-	-	-	-	-	-	-	-	52.5
1994 Water Revenue Bonds Series D	80	7.0	-	-	-	-	-	-	-	-	-	7.0
2000 Water Revenue Bonds	85	-	-	1,570.0	1,570.0	920.0	920.0	-	-	3,410.0	-	3,410.0
Unfunded Requirements	100	-	-	-	-	-	-	770.0	-	770.0	-	770.0
TOTAL		525.3	-	1,625.0	1,625.0	975.0	975.0	825.0	55.0	4,455.0	275.0	5,255.3
Inflation Adjustment				-	-	29.0	56.0	70.0	6.0	161.0	38.0	199.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Potable Process Control (7595)						WARD: City/County START DATE: 7/97 END DATE: 6/05				PROJECT NUMBER: W045 ESTIMATED PROJECT COST DESIGN 166.4 RIGHT-OF-WAY - CONSTRUCTION 521.8 OTHER 3,222.1 INFLATION 145.0 PROJECT TOTAL 4,055.3		
PROJECT TITLE: Control Panel Replacements DESCRIPTION: Install new control panels and dependent electronic equipment used at existing production facilities such as wells, boosters, reservoirs, and pressure regulating valve facilities. The existing control panels are approaching 20 years of service.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	461.9	-	-	-	-	-	-	-	-	-	461.9
1984 Water Revenue Bond Funds	87	0.2	-	-	-	-	-	-	-	-	-	0.2
1994 Water Revenue Bonds Series B	89	3.7	-	-	-	-	-	-	-	-	-	3.7
1994 Water Revenue Bonds Series C	79	52.5	-	-	-	-	-	-	-	-	-	52.5
1994 Water Revenue Bonds Series D	80	7.0	-	-	-	-	-	-	-	-	-	7.0
2000 Water Revenue Bonds	85	-	-	920.0	920.0	920.0	-	-	-	2,760.0	-	2,760.0
Unfunded Requirements	100	-	-	-	-	-	-	770.0	-	770.0	-	770.0
TOTAL			-	920.0	920.0	920.0	920.0	770.0	-	3,530.0	-	4,055.3
INFLATION ADJUSTMENT:						27.0	53.0	65.0	-	145.0	-	145.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Process Control (7595)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: WJ99 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 496.0 INFLATION 54.0 PROJECT TOTAL 550.0		
PROJECT TITLE: Future Process Control Projects DESCRIPTION: Improvements to the Data Logging and Real Time Control system that provides continuous logging and control of all functions necessary to properly operate the water system. This project will be used as a drawdown account as specific improvements are identified in the year of implementation.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
TOTAL			-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
INFLATION ADJUSTMENT:						2.0	3.0	5.0	6.0	16.0	38.0	54.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Potable Process Control (7595)						WARD: County START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: W940 ESTIMATED PROJECT COST DESIGN 16.0 RIGHT-OF-WAY 4.0 CONSTRUCTION 380.0 OTHER - INFLATION - PROJECT TOTAL 400.0		
PROJECT TITLE: Southwest Turnout Meter												
DESCRIPTION: Design and install a flow meter and appropriate piping and valves to enable recording and data logging of flows into the southwest service areas from the Hayden-Udall Forebay Reservoir. This project is included in the Southwest Area Plan.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	400.0	400.0	-	-	-	-	400.0	-	400.0
TOTAL			-	-	400.0	-	-	-	-	400.0	-	400.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Potable Process Control (7595)						WARD: 1 START DATE: 7/01 END DATE: 6/02				PROJECT NUMBER: W345 ESTIMATED PROJECT COST DESIGN 30.0 RIGHT-OF-WAY - CONSTRUCTION 40.0 OTHER 180.0 INFLATION - PROJECT TOTAL 250.0		
PROJECT TITLE: Starr Pass Flow Meter Station												
DESCRIPTION: Monitoring flow is required to control the introduction of blended water into the distribution system from the West 22nd Street Clearwell Reservoir. Data from this flow station will assist in calibrating hydraulic models used in developing and evaluating Tucson Water capital projects.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	250.0	250.0	-	-	-	-	250.0	-	250.0
TOTAL			-	-	250.0	-	-	-	-	250.0	-	250.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 23,610,000

PROGRAM AREA: Capitalized Expense

In implementing Tucson Water's capital program, direct charges are made to projects for related design, construction, and inspection of work. In addition to these direct costs, there are also certain administrative, planning, and engineering overhead expenses associated with implementing the capital program that are not directly identifiable with specific capital projects. This program provides for the allocation of indirect administrative charges to the capital budget in accordance with an indirect cost formula developed by the city's Finance Department and Tucson Water.

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Capitalized Expense	B - 315	-	-	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	23,610.0	27,350.0	50,960.0
Water Revenue and Operations Fund		-	-	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	23,610.0	27,350.0	50,960.0
TOTAL		-	-	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	23,610.0	27,350.0	50,960.0
<u>Source of Funds</u>	<u>Fund No.</u>											
Water Revenue and Operations Fund	81	-	-	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	23,610.0	27,350.0	50,960.0
TOTAL		-	-	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	23,610.0	27,350.0	50,960.0
Inflation Adjustment				-	-	138.0	271.0	401.0	527.0	1,337.0	3,758.0	5,095.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Capitalized Expense (7599)					WARD: Citywide START DATE: 7/01 END DATE: Annual					PROJECT NUMBER: W129 ESTIMATED PROJECT COST		
PROJECT TITLE: Capitalized Expense DESCRIPTION: Certain Tucson Water administrative overhead expenses associated with implementing the capital program are not directly identifiable with specific projects. An indirect cost formula developed by the Finance Department and Tucson Water provides for the allocation of these indirect administrative expenses to the capital budget.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 45,865.0 INFLATION 5,095.0 PROJECT TOTAL 50,960.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	23,610.0	27,350.0	50,960.0
TOTAL		-	-	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	4,722.0	23,610.0	27,350.0	50,960.0
INFLATION ADJUSTMENT:						138.0	271.0	401.0	527.0	1,337.0	3,758.0	5,095.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROGRAM AREA	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006		
Reclaimed Source Development	3,727.1	405.0	620.0	1,025.0	380.0	1,500.0	1,500.0	1,800.0	6,205.0	6,800.0
Reclaimed Storage	867.0	363.0	1,920.0	2,283.0	3,215.0	3,170.0	1,250.0	550.0	10,468.0	1,955.0
Reclaimed Pumping Plant	-	100.0	155.0	255.0	1,195.0	1,535.0	1,535.0	495.0	5,015.0	2,035.0
Reclaimed Transmission	1,279.5	69.0	1,584.0	1,653.0	6,208.0	4,588.0	1,370.0	240.0	14,059.0	940.0
Reclaimed Distribution	73.9	350.0	650.0	1,000.0	410.0	890.0	850.0	420.0	3,570.0	1,930.0
Reclaimed New Services	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0
Reclaimed Treatment	-	-	36.0	36.0	-	40.0	160.0	-	236.0	-
Reclaimed Process Control	605.0	-	405.0	405.0	405.0	405.0	55.0	55.0	1,325.0	275.0
TOTAL	6,552.5	1,287.0	5,395.0	6,682.0	11,838.0	12,153.0	6,745.0	3,585.0	41,003.0	14,060.0
Source of Funds	Fund No.									
Water Revenue and Operations Fund	81	618.7	-	585.0	585.0	585.0	295.0	285.0	2,335.0	1,425.0
1984 Water Revenue Bond Funds	87	86.2	-	-	-	-	-	-	-	-
1994 Water Revenue Bonds Series A	88	125.2	-	-	-	-	-	-	-	-
1994 Water Revenue Bonds Series B	89	138.4	-	-	-	-	-	-	-	-
1994 Water Revenue Bonds Series C	79	827.3	-	-	-	-	-	-	-	-
1994 Water Revenue Bonds Series D	80	1,668.7	-	-	-	-	-	-	-	-
2000 Water Revenue Bonds	85	3,088.0	1,287.0	4,810.0	11,253.0	6,689.0	-	-	24,039.0	-
Unfunded Requirements	100	-	-	-	-	4,879.0	6,450.0	3,300.0	14,629.0	12,635.0
TOTAL	6,552.5	1,287.0	5,395.0	6,682.0	11,838.0	12,153.0	6,745.0	3,585.0	41,003.0	14,060.0
Inflation Adjustment			-	-	347.5	694.0	573.0	399.5	2,014.0	1,932.0
Annual Operating Cost			-	-	-	-	-	-	-	

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 6,205,000

PROGRAM AREA: Reclaimed Source Development

The Reclaimed Source Development program provides for the phased expansion of reclaimed water supplies consistent with the projected growth in demand. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Comply with the water usage, safe-yield and assured water supply requirements of the Arizona State Groundwater Management Act
- Promote and encourage use of reclaimed water

The program contains the following types of projects, which are intended to accomplish the above goals:

- Increase production capacity by constructing recharge and recovery facilities at Roger Road, Ina Road, Lincoln Park, and the Santa Cruz River

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Ina Road Recharge and Recovery	B - 319	-	-	-	-	-	-	-	1,800.0	1,800.0	6,800.0	8,600.0
Unfunded Requirements		-	-	-	-	-	-	-	1,800.0	1,800.0	6,800.0	8,600.0
Lincoln Park Riparian Habitat Project	B - 319	935.7	380.0	-	380.0	-	-	-	-	380.0	-	1,315.7
Water Revenue and Operations Fund		362.4	-	-	-	-	-	-	-	-	-	362.4
1994 Water Revenue Bonds Series B		23.1	-	-	-	-	-	-	-	-	-	23.1
1994 Water Revenue Bonds Series C		308.1	-	-	-	-	-	-	-	-	-	308.1
1994 Water Revenue Bonds Series D		122.1	-	-	-	-	-	-	-	-	-	122.1
2000 Water Revenue Bonds		120.0	380.0	-	380.0	-	-	-	-	380.0	-	500.0
Roger Road, Phase III	B - 320	2,791.4	25.0	-	25.0	-	-	-	-	25.0	-	2,816.4
1994 Water Revenue Bonds Series C		471.2	-	-	-	-	-	-	-	-	-	471.2
1994 Water Revenue Bonds Series D		1,545.2	-	-	-	-	-	-	-	-	-	1,545.2
2000 Water Revenue Bonds		775.0	25.0	-	25.0	-	-	-	-	25.0	-	800.0
Santa Cruz River Managed Underground Storage Facility	B - 320	-	-	620.0	620.0	380.0	1,500.0	1,500.0	-	4,000.0	-	4,000.0
2000 Water Revenue Bonds		-	-	620.0	620.0	380.0	1,500.0	-	-	2,500.0	-	2,500.0
Unfunded Requirements		-	-	-	-	-	-	1,500.0	-	1,500.0	-	1,500.0
TOTAL		3,727.1	405.0	620.0	1,025.0	380.0	1,500.0	1,500.0	1,800.0	6,205.0	6,800.0	16,732.1
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	362.4	-	-	-	-	-	-	-	-	-	362.4
1994 Water Revenue Bonds Series B	89	23.1	-	-	-	-	-	-	-	-	-	23.1
1994 Water Revenue Bonds Series C	79	779.3	-	-	-	-	-	-	-	-	-	779.3
1994 Water Revenue Bonds Series D	80	1,667.3	-	-	-	-	-	-	-	-	-	1,667.3
2000 Water Revenue Bonds	85	895.0	405.0	620.0	1,025.0	380.0	1,500.0	-	-	2,905.0	-	3,800.0
Unfunded Requirements	100	-	-	-	-	-	-	1,500.0	1,800.0	3,300.0	6,800.0	10,100.0
TOTAL		3,727.1	405.0	620.0	1,025.0	380.0	1,500.0	1,500.0	1,800.0	6,205.0	6,800.0	16,732.1
Inflation Adjustment				-	-	11.0	86.0	127.0	201.0	425.0	934.0	1,359.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Source Development (7610)										WARD: County		PROJECT NUMBER: W603	
PROJECT TITLE: Ina Road Recharge and Recovery										START DATE: 7/05			
DESCRIPTION: Design and construct a six million gallon per day (2,546 acre feet per year) production facility near the Pima County Wastewater Treatment Plant at Ina Road. The production facility will consist of either a managed in-channel recharge and recovery facility or an off-channel constructed recharge and recovery facility.										END DATE: 6/08		<u>ESTIMATED PROJECT COST</u>	
										DESIGN		900.0	
										RIGHT-OF-WAY		40.0	
										CONSTRUCTION		6,525.0	
										OTHER		-	
										INFLATION		1,135.0	
										PROJECT TOTAL		8,600.0	
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Unfunded Requirements	100	-	-	-	-	-	-	-	-	1,800.0	1,800.0	6,800.0	8,600.0
TOTAL		-	-	-	-	-	-	-	-	1,800.0	1,800.0	6,800.0	8,600.0
INFLATION ADJUSTMENT:						-	-	-	-	201.0	201.0	934.0	1,135.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Source Development (7610)										WARD: 4		PROJECT NUMBER: W250	
PROJECT TITLE: Lincoln Park Riparian Habitat Project										START DATE: 7/98			
DESCRIPTION: Design and construct a pilot project that will use reclaimed water to generate water quality research data and enhance the riparian habitat along the Atterbury Wash.										END DATE: 6/02		<u>ESTIMATED PROJECT COST</u>	
										DESIGN		586.1	
										RIGHT-OF-WAY		0.4	
										CONSTRUCTION		727.9	
										OTHER		1.3	
										INFLATION		-	
										PROJECT TOTAL		1,315.7	
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Water Revenue and Operations Fund	81	362.4	-	-	-	-	-	-	-	-	-	362.4	
1994 Water Revenue Bonds Series B	89	23.1	-	-	-	-	-	-	-	-	-	23.1	
1994 Water Revenue Bonds Series C	79	308.1	-	-	-	-	-	-	-	-	-	308.1	
1994 Water Revenue Bonds Series D	80	122.1	-	-	-	-	-	-	-	-	-	122.1	
2000 Water Revenue Bonds	85	120.0	380.0	-	380.0	-	-	-	-	380.0	-	500.0	
TOTAL		935.7	380.0	-	380.0	-	-	-	-	380.0	-	1,315.7	
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Source Development (7610)							WARD: 1 START DATE: 7/98 END DATE: 6/02				PROJECT NUMBER: W249 ESTIMATED PROJECT COST DESIGN 663.0 RIGHT-OF-WAY 33.5 CONSTRUCTION 2,118.9 OTHER 1.0 INFLATION - PROJECT TOTAL 2,816.4					
PROJECT TITLE: Roger Road, Phase III DESCRIPTION: Design and construct the third phase of the reclaimed water recharge program at the Roger Road Reclaimed Water Treatment Plant. The first and second phases included pipelines, wetlands, and recharge basins that produce 6,500 acre-feet of water per year. This phase includes recharge basins and recovery wells and will add approximately 2,000 acre-feet per year of additional production capacity.																
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT				
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006							
1994 Water Revenue Bonds Series C	79	471.2	-	-	-	-	-	-	-	-	-	471.2				
1994 Water Revenue Bonds Series D	80	1,545.2	-	-	-	-	-	-	-	-	-	1,545.2				
2000 Water Revenue Bonds	85	775.0	25.0	-	25.0	-	-	-	-	25.0	-	800.0				
TOTAL			2,791.4	25.0	-	25.0	-	-	-	-	25.0	-	2,816.4			
INFLATION ADJUSTMENT:							-	-	-	-	-	-	-			
ANNUAL OPERATING COST:							-	-	-	-	-	-	-			

DEPARTMENT: Tucson Water - Reclaimed Source Development (7610)							WARD: 1 START DATE: 7/01 END DATE: 6/05				PROJECT NUMBER: W289 ESTIMATED PROJECT COST DESIGN 895.0 RIGHT-OF-WAY - CONSTRUCTION 2,881.0 OTHER - INFLATION 224.0 PROJECT TOTAL 4,000.0					
PROJECT TITLE: Santa Cruz River Managed Underground Storage Facility DESCRIPTION: Design and construct effluent recovery wells and a recovery pipeline along the Santa Cruz River north of Pima County's Roger Road Wastewater Treatment Plant to the Roger Road Reclaimed Treatment Plant. The facilities will expand the effluent recharge and recovery capabilities of the city's reclaimed water system. About 45,000 acre-feet of effluent annually infiltrates along this reach of the Santa Cruz River, and this volume will increase over time.																
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT				
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006							
2000 Water Revenue Bonds	85	-	-	620.0	620.0	380.0	1,500.0	-	-	2,500.0	-	2,500.0				
Unfunded Requirements	100	-	-	-	-	-	-	1,500.0	-	1,500.0	-	1,500.0				
TOTAL			-	-	620.0	380.0	1,500.0	1,500.0	-	4,000.0	-	4,000.0				
INFLATION ADJUSTMENT:							11.0	86.0	127.0	-	224.0	-	224.0			
ANNUAL OPERATING COST:							-	-	-	-	-	-	-			

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 10,468,000

PROGRAM AREA: Reclaimed Storage

The Reclaimed Storage program consists of reservoirs and related improvements to enhance operational reliability and flexibility in the delivery of reclaimed water. Reservoirs help provide adequate water volumes and flow rates. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility

The program contains the following types of projects, which are intended to accomplish the above goals:

- Construct new reclaimed reservoirs in strategic locations throughout the reclaimed service area

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Benson Highway Reservoir	B - 323	51.0	289.0	680.0	969.0	680.0	-	-	-	1,649.0	-	1,700.0
2000 Water Revenue Bonds		51.0	289.0	680.0	969.0	680.0	-	-	-	1,649.0	-	1,700.0
Dove Mountain Reservoir	B - 323	140.0	-	-	-	140.0	280.0	280.0	-	700.0	-	840.0
2000 Water Revenue Bonds		140.0	-	-	-	140.0	280.0	-	-	420.0	-	560.0
Unfunded Requirements		-	-	-	-	-	-	280.0	-	280.0	-	280.0
Future Reclaimed Storage Projects	B - 324	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
Water Revenue and Operations Fund		-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
Ina Road Reservoir	B - 324	-	-	-	-	-	-	-	420.0	420.0	1,680.0	2,100.0
Unfunded Requirements		-	-	-	-	-	-	-	420.0	420.0	1,680.0	2,100.0
La Paloma Reclaimed Backup Potable Distribution Pipeline	B - 325	-	-	-	-	-	75.0	75.0	75.0	225.0	-	225.0
2000 Water Revenue Bonds		-	-	-	-	-	75.0	-	-	75.0	-	75.0
Unfunded Requirements		-	-	-	-	-	-	75.0	75.0	150.0	-	150.0
La Paloma Reservoir Expansion	B - 325	675.0	-	850.0	850.0	1,400.0	1,400.0	-	-	3,650.0	-	4,325.0
2000 Water Revenue Bonds		675.0	-	850.0	850.0	1,400.0	-	-	-	2,250.0	-	2,925.0
Unfunded Requirements		-	-	-	-	-	1,400.0	-	-	1,400.0	-	1,400.0
Roger Road Reservoir Expansion	B - 326	-	-	-	-	420.0	840.0	840.0	-	2,100.0	-	2,100.0
2000 Water Revenue Bonds		-	-	-	-	420.0	-	-	-	420.0	-	420.0
Unfunded Requirements		-	-	-	-	-	840.0	840.0	-	1,680.0	-	1,680.0
Sunrise Reservoir	B - 326	1.0	74.0	335.0	409.0	520.0	520.0	-	-	1,449.0	-	1,450.0
2000 Water Revenue Bonds		1.0	74.0	335.0	409.0	520.0	-	-	-	929.0	-	930.0
Unfunded Requirements		-	-	-	-	-	520.0	-	-	520.0	-	520.0
TOTAL		867.0	363.0	1,920.0	2,283.0	3,215.0	3,170.0	1,250.0	550.0	10,468.0	1,955.0	13,290.0
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
2000 Water Revenue Bonds	85	867.0	363.0	1,865.0	2,228.0	3,160.0	355.0	-	-	5,743.0	-	6,610.0
Unfunded Requirements	100	-	-	-	-	-	2,760.0	1,195.0	495.0	4,450.0	1,680.0	6,130.0
TOTAL		867.0	363.0	1,920.0	2,283.0	3,215.0	3,170.0	1,250.0	550.0	10,468.0	1,955.0	13,290.0
Inflation Adjustment				-	-	94.0	181.0	106.0	61.0	442.0	268.5	710.5
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Storage (7620)										WARD: 5 START DATE: 7/00 END DATE: 6/03		PROJECT NUMBER: W604
PROJECT TITLE: Benson Highway Reservoir										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a two million gallon reservoir that will serve parks and schools in the southeast part of the city and provide service to projects planned by Pima County, including riparian habitats in local washes. This project will improve system hydraulics and provide additional storage in the southern part of the reclaimed system.										DESIGN 136.0 RIGHT-OF-WAY - CONSTRUCTION 1,544.0 OTHER - INFLATION 20.0 PROJECT TOTAL 1,700.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	51.0	289.0	680.0	969.0	680.0	-	-	-	1,649.0	-	1,700.0
TOTAL		51.0	289.0	680.0	969.0	680.0	-	-	-	1,649.0	-	1,700.0
INFLATION ADJUSTMENT:						20.0	-	-	-	20.0	-	20.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Storage (7620)										WARD: County START DATE: 7/00 END DATE: 6/05		PROJECT NUMBER: W605
PROJECT TITLE: Dove Mountain Reservoir										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a new 500,000 gallon reservoir near the end of the reclaimed transmission pipeline at Dove Mountain Boulevard, located in northern Marana, that will improve operating pressures in this area.										DESIGN 146.0 RIGHT-OF-WAY 7.0 CONSTRUCTION 643.0 OTHER - INFLATION 44.0 PROJECT TOTAL 840.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	140.0	-	-	-	140.0	280.0	-	-	420.0	-	560.0
Unfunded Requirements	100	-	-	-	-	-	-	280.0	-	280.0	-	280.0
TOTAL		140.0	-	-	-	140.0	280.0	280.0	-	700.0	-	840.0
INFLATION ADJUSTMENT:						4.0	16.0	24.0	-	44.0	-	44.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Reclaimed Storage (7620) PROJECT TITLE: Future Reclaimed Storage Projects DESCRIPTION: Construct future reclaimed storage projects to ensure operational reliability and to meet the peak requirements placed on the system during the summer. This project will be used as a drawdown account as specific projects are identified in the year of implementation.						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: WL99 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 496.5 INFLATION 53.5 PROJECT TOTAL 550.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
TOTAL		-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
INFLATION ADJUSTMENT:						2.0	3.0	5.0	6.0	16.0	37.5	53.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Storage (7620) PROJECT TITLE: Ina Road Reservoir DESCRIPTION: Design and construct a three million gallon reservoir that will be part of the planned reclaimed water production facilities in the Ina Road/I-10 area. This reservoir will provide storage necessary for the operation of related boosters.						WARD: County START DATE: 7/05 END DATE: 6/07				PROJECT NUMBER: W606 <u>ESTIMATED PROJECT COST</u> DESIGN 345.0 RIGHT-OF-WAY 38.0 CONSTRUCTION 1,439.0 OTHER - INFLATION 278.0 PROJECT TOTAL 2,100.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	-	420.0	420.0	1,680.0	2,100.0
TOTAL		-	-	-	-	-	-	-	420.0	420.0	1,680.0	2,100.0
INFLATION ADJUSTMENT:						-	-	-	47.0	47.0	231.0	278.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Storage (7620)						WARD: County START DATE: 7/03 END DATE: 6/06				PROJECT NUMBER: W225 ESTIMATED PROJECT COST DESIGN 23.0 RIGHT-OF-WAY 2.0 CONSTRUCTION 182.0 OTHER - INFLATION 18.0 PROJECT TOTAL 225.0		
PROJECT TITLE: La Paloma Reclaimed Backup Potable Distribution Pipeline DESCRIPTION: Design and construct a potable backup source for the La Paloma reclaimed reservoir. The project will provide a temporary supply of potable water to the reservoir should there be a failure in the reclaimed supply or piping system.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	-	75.0	-	-	75.0	-	75.0
Unfunded Requirements	100	-	-	-	-	-	-	75.0	75.0	150.0	-	150.0
TOTAL		-	-	-	-	-	75.0	75.0	75.0	225.0	-	225.0
INFLATION ADJUSTMENT:						-	4.0	6.0	8.0	18.0	-	18.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Storage (7620)						WARD: County START DATE: 7/00 END DATE: 6/04				PROJECT NUMBER: W608 ESTIMATED PROJECT COST DESIGN 602.0 RIGHT-OF-WAY 35.0 CONSTRUCTION 3,567.0 OTHER - INFLATION 121.0 PROJECT TOTAL 4,325.0		
PROJECT TITLE: La Paloma Reservoir Expansion DESCRIPTION: Design and construct a five million gallon storage reservoir, either as an expansion to the existing La Paloma reservoir or a separate reservoir in the vicinity. This project will improve system hydraulics in the northern and eastern parts of the reclaimed system.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	675.0	-	850.0	850.0	1,400.0	-	-	-	2,250.0	-	2,925.0
Unfunded Requirements	100	-	-	-	-	-	1,400.0	-	-	1,400.0	-	1,400.0
TOTAL		675.0	-	850.0	850.0	1,400.0	1,400.0	-	-	3,650.0	-	4,325.0
INFLATION ADJUSTMENT:						41.0	80.0	-	-	121.0	-	121.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Storage (7620)						WARD: County START DATE: 7/00 END DATE: 6/04				PROJECT NUMBER: W608 <u>ESTIMATED PROJECT COST</u> DESIGN 602.0 RIGHT-OF-WAY 35.0 CONSTRUCTION 3,567.0 OTHER - INFLATION 121.0 PROJECT TOTAL 4,325.0					
PROJECT TITLE: La Paloma Reservoir Expansion															
DESCRIPTION: Design and construct a five million gallon storage reservoir, either as an expansion to the existing La Paloma reservoir or a separate reservoir in the vicinity. This project will improve system hydraulics in the northern and eastern parts of the reclaimed system.															
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002		PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT			
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005				YEAR 5 FY 2006		
2000 Water Revenue Bonds		85	675.0	-	850.0	850.0	1,400.0	-	-	-	2,250.0	-	2,925.0		
Unfunded Requirements		100	-	-	-	-	-	1,400.0	-	-	1,400.0	-	1,400.0		
TOTAL			675.0	-	850.0	850.0	1,400.0	1,400.0	-	-	3,650.0	-	4,325.0		
INFLATION ADJUSTMENT:						41.0				80.0	-	-	121.0	-	121.0
ANNUAL OPERATING COST:						-				-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Storage (7620)						WARD: 1 START DATE: 7/02 END DATE: 6/05				PROJECT NUMBER: W609 <u>ESTIMATED PROJECT COST</u> DESIGN 165.0 RIGHT-OF-WAY - CONSTRUCTION 1,804.0 OTHER - INFLATION 131.0 PROJECT TOTAL 2,100.0		
PROJECT TITLE: Roger Road Reservoir Expansion DESCRIPTION: Design and construct a three million gallon reservoir expansion that will accommodate the additional reclaimed water to be produced at the Roger Road Recharge and Recovery Facility.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	420.0	-	-	-	420.0	-	420.0
Unfunded Requirements	100	-	-	-	-	-	840.0	840.0	-	1,680.0	-	1,680.0
TOTAL		-	-	-	-	420.0	840.0	840.0	-	2,100.0	-	2,100.0
INFLATION ADJUSTMENT:						12.0	48.0	71.0	-	131.0	-	131.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Storage (7620)						WARD: County START DATE: 7/00 END DATE: 6/04				PROJECT NUMBER: W610 <u>ESTIMATED PROJECT COST</u> DESIGN 225.0 RIGHT-OF-WAY 20.0 CONSTRUCTION 1,160.0 OTHER - INFLATION 45.0 PROJECT TOTAL 1,450.0		
PROJECT TITLE: Sunrise Reservoir DESCRIPTION: Design and construct a 1.3 million gallon reservoir at Sunrise Road and Craycroft Road to improve system pressure and booster operation. This reservoir will allow for the irrigation of the median islands along Sunrise Road, at schools, and on other potential customers' property in the area.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	1.0	74.0	335.0	409.0	520.0	-	-	-	929.0	-	930.0
Unfunded Requirements	100	-	-	-	-	-	520.0	-	-	520.0	-	520.0
TOTAL		1.0	74.0	335.0	409.0	520.0	520.0	-	-	1,449.0	-	1,450.0
INFLATION ADJUSTMENT:						15.0	30.0	-	-	45.0	-	45.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 5,015,000

PROGRAM AREA: Reclaimed Pumping Plant

The Reclaimed Pumping Plant program funds booster plants and related improvements. This program area is intended to accomplish the following goal:

- Meet customers' water use demands with high quality water

The program contains the following types of projects, which are intended to accomplish the above goal:

- Modify and upgrade existing booster stations to meet increased water usage and improve operational reliability and flexibility in water delivery
- Construct new booster stations to effectively transport water to higher elevation areas, and assure that water is delivered at pressures within the range established by design criteria

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Future Reclaimed Pumping Plant Improvement Projects	B - 329	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
Water Revenue and Operations Fund		-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
Ina Road Booster	B - 329	-	-	-	-	-	-	-	440.0	440.0	1,760.0	2,200.0
Unfunded Requirements		-	-	-	-	-	-	-	440.0	440.0	1,760.0	2,200.0
Reid Park Boosters Expansion	B - 330	-	-	-	-	240.0	480.0	480.0	-	1,200.0	-	1,200.0
2000 Water Revenue Bonds		-	-	-	-	240.0	480.0	-	-	720.0	-	720.0
Unfunded Requirements		-	-	-	-	-	-	480.0	-	480.0	-	480.0
Roger Road Plant Booster Expansion	B - 330	-	-	-	-	500.0	1,000.0	1,000.0	-	2,500.0	-	2,500.0
2000 Water Revenue Bonds		-	-	-	-	500.0	-	-	-	500.0	-	500.0
Unfunded Requirements		-	-	-	-	-	1,000.0	1,000.0	-	2,000.0	-	2,000.0
Silverbell Road In-line Booster	B - 331	-	100.0	100.0	200.0	400.0	-	-	-	600.0	-	600.0
2000 Water Revenue Bonds		-	100.0	100.0	200.0	400.0	-	-	-	600.0	-	600.0
TOTAL		-	100.0	155.0	255.0	1,195.0	1,535.0	1,535.0	495.0	5,015.0	2,035.0	7,050.0
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
2000 Water Revenue Bonds	85	-	100.0	100.0	200.0	1,140.0	480.0	-	-	1,820.0	-	1,820.0
Unfunded Requirements	100	-	-	-	-	-	1,000.0	1,480.0	440.0	2,920.0	1,760.0	4,680.0
TOTAL		-	100.0	155.0	255.0	1,195.0	1,535.0	1,535.0	495.0	5,015.0	2,035.0	7,050.0
Inflation Adjustment				-	-	36.0	88.0	131.0	55.0	310.0	280.0	590.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Pumping Plant (7630)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: WM99 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 496.0 INFLATION 54.0 PROJECT TOTAL 550.0		
PROJECT TITLE: Future Reclaimed Pumping Plant Improvement Projects DESCRIPTION: Construct future reclaimed water pumping plant projects that are required to effectively transport water to higher elevation areas. The project will be used as a drawdown account as specific projects are identified in the year of implementation and funded from this account.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
TOTAL			-	-	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
INFLATION ADJUSTMENT:						2.0	3.0	5.0	6.0	16.0	38.0	54.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Pumping Plant (7630)						WARD: County START DATE: 7/05 END DATE: 6/08				PROJECT NUMBER: W614 <u>ESTIMATED PROJECT COST</u> DESIGN 252.0 RIGHT-OF-WAY 25.0 CONSTRUCTION 1,632.0 OTHER - INFLATION 291.0 PROJECT TOTAL 2,200.0		
PROJECT TITLE: Ina Road Booster DESCRIPTION: Design and construct a 4,200 gallons per minute booster station that will boost water from the Ina Road Recharge and Recovery Facility to the reclaimed water system.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	-	440.0	440.0	1,760.0	2,200.0
TOTAL			-	-	-	-	-	-	440.0	440.0	1,760.0	2,200.0
INFLATION ADJUSTMENT:						-	-	-	49.0	49.0	242.0	291.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Pumping Plant (7630)										WARD: 6 START DATE: 7/02 END DATE: 6/05		PROJECT NUMBER: W615
PROJECT TITLE: Reid Park Boosters Expansion										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a 1,750 gallons per minute booster station that will support additional demand associated with new transmission main projects in the east and southeast areas of the city.										DESIGN 93.0 RIGHT-OF-WAY - CONSTRUCTION 1,031.0 OTHER - INFLATION 76.0 PROJECT TOTAL 1,200.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	240.0	480.0	-	-	720.0	-	720.0
Unfunded Requirements	100	-	-	-	-	-	-	480.0	-	480.0	-	480.0
TOTAL		-	-	-	-	240.0	480.0	480.0	-	1,200.0	-	1,200.0
INFLATION ADJUSTMENT:						7.0	28.0	41.0	-	76.0	-	76.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Pumping Plant (7630)										WARD: 1 START DATE: 7/02 END DATE: 6/05		PROJECT NUMBER: W618
PROJECT TITLE: Roger Road Plant Booster Expansion										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a 4,200 gallons per minute booster station expansion to accommodate the additional reclaimed water to be produced at the Roger Road Recharge and Recovery Facility.										DESIGN 206.0 RIGHT-OF-WAY - CONSTRUCTION 2,137.0 OTHER - INFLATION 157.0 PROJECT TOTAL 2,500.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	500.0	-	-	-	500.0	-	500.0
Unfunded Requirements	100	-	-	-	-	-	1,000.0	1,000.0	-	2,000.0	-	2,000.0
TOTAL		-	-	-	-	500.0	1,000.0	1,000.0	-	2,500.0	-	2,500.0
INFLATION ADJUSTMENT:						15.0	57.0	85.0	-	157.0	-	157.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Pumping Plant (7630)						WARD: County START DATE: 7/00 END DATE: 6/03				PROJECT NUMBER: W620 <u>ESTIMATED PROJECT COST</u> DESIGN 48.0 RIGHT-OF-WAY - CONSTRUCTION 540.0 OTHER - INFLATION 12.0 PROJECT TOTAL 600.0			
PROJECT TITLE: Silverbell Road In-line Booster													
DESCRIPTION: Design and construct a new in-line booster in the existing 24-inch reclaimed water main near Silverbell Road and Ina Road. This booster will enable the city to meet its contractual obligation at Dove Mountain to serve four golf courses with reclaimed water in the area north of Moore Road.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	-	100.0	100.0	200.0	400.0	-	-	-	600.0	-	600.0	
TOTAL			-	100.0	100.0	200.0	400.0	-	-	-	600.0	-	600.0
INFLATION ADJUSTMENT:						12.0	-	-	-	12.0	-	12.0	
ANNUAL OPERATING COST:						-	-	-	-	-			

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 14,059,000

PROGRAM AREA: Reclaimed Transmission

The primary function of transmission mains is to transport water from the water source to storage facilities to the distribution system. In this manner, peak hour water usage needs can be partially met from storage and pumping plant peak hour requirements and operating costs reduced. This program will make reclaimed water available for additional potential uses within the service area and accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility

The program contains the following types of projects, which are intended to accomplish the above goals:

- Design and construct new transmission mains to meet existing and future demand for reclaimed water

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
18th Street/10th Avenue Reclaimed Transmission Main	B - 335	-	-	520.0	520.0	1,040.0	1,040.0	-	-	2,600.0	-	2,600.0
2000 Water Revenue Bonds		-	-	520.0	520.0	1,040.0	-	-	-	1,560.0	-	1,560.0
Unfunded Requirements		-	-	-	-	-	1,040.0	-	-	1,040.0	-	1,040.0
Ajo Way/10th Avenue Reclaimed Transmission Main	B - 335	-	-	-	-	-	-	-	240.0	240.0	940.0	1,180.0
Unfunded Requirements		-	-	-	-	-	-	-	240.0	240.0	940.0	1,180.0
Alvernon to La Paloma Reclaimed Transmission Main	B - 336	16.0	14.0	360.0	374.0	720.0	720.0	-	-	1,814.0	-	1,830.0
2000 Water Revenue Bonds		16.0	14.0	360.0	374.0	720.0	720.0	-	-	1,814.0	-	1,830.0
Broadway/Columbus Reclaimed Transmission Main	B - 336	-	-	-	-	280.0	550.0	550.0	-	1,380.0	-	1,380.0
2000 Water Revenue Bonds		-	-	-	-	280.0	550.0	-	-	830.0	-	830.0
Unfunded Requirements		-	-	-	-	-	-	550.0	-	550.0	-	550.0
Campbell Avenue/3rd Street Reclaimed Transmission Main	B - 337	-	-	-	-	160.0	320.0	320.0	-	800.0	-	800.0
2000 Water Revenue Bonds		-	-	-	-	160.0	320.0	-	-	480.0	-	480.0
Unfunded Requirements		-	-	-	-	-	-	320.0	-	320.0	-	320.0
Campbell/Drexel Reclaimed Main	B - 337	984.5	-	200.0	200.0	2,880.0	720.0	-	-	3,800.0	-	4,784.5
1984 Water Revenue Bond Funds		84.4	-	-	-	-	-	-	-	-	-	84.4
1994 Water Revenue Bonds Series C		0.1	-	-	-	-	-	-	-	-	-	0.1
2000 Water Revenue Bonds		900.0	-	200.0	200.0	2,880.0	720.0	-	-	3,800.0	-	4,700.0
Columbus/22nd Street Reclaimed Transmission Main	B - 338	-	-	100.0	100.0	210.0	210.0	-	-	520.0	-	520.0
2000 Water Revenue Bonds		-	-	100.0	100.0	210.0	210.0	-	-	520.0	-	520.0
Cushing Street/Main Avenue Reclaimed Transmission Main	B - 338	15.0	55.0	140.0	195.0	140.0	-	-	-	335.0	-	350.0
2000 Water Revenue Bonds		15.0	55.0	140.0	195.0	140.0	-	-	-	335.0	-	350.0
Golf Links/Craycroft Reclaimed Transmission Main	B - 339	-	-	-	-	250.0	500.0	500.0	-	1,250.0	-	1,250.0
2000 Water Revenue Bonds		-	-	-	-	250.0	421.0	-	-	671.0	-	671.0
Unfunded Requirements		-	-	-	-	-	79.0	500.0	-	579.0	-	579.0

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Sunrise/Craycroft Reclaimed Transmission Main	B - 339	60.0	-	60.0	60.0	120.0	120.0	-	-	300.0	-	360.0
2000 Water Revenue Bonds		60.0	-	60.0	60.0	120.0	120.0	-	-	300.0	-	360.0
Sunrise/Craycroft to Sabino Reclaimed Transmission Main	B - 340	204.0	-	204.0	204.0	408.0	408.0	-	-	1,020.0	-	1,224.0
2000 Water Revenue Bonds		204.0	-	204.0	204.0	408.0	408.0	-	-	1,020.0	-	1,224.0
TOTAL		1,279.5	69.0	1,584.0	1,653.0	6,208.0	4,588.0	1,370.0	240.0	14,059.0	940.0	16,278.5
Source of Funds	Fund No.											
1984 Water Revenue Bond Funds	87	84.4	-	-	-	-	-	-	-	-	-	84.4
1994 Water Revenue Bonds Series C	79	0.1	-	-	-	-	-	-	-	-	-	0.1
2000 Water Revenue Bonds	85	1,195.0	69.0	1,584.0	1,653.0	6,208.0	3,469.0	-	-	11,330.0	-	12,525.0
Unfunded Requirements	100	-	-	-	-	-	1,119.0	1,370.0	240.0	2,729.0	940.0	3,669.0
TOTAL		1,279.5	69.0	1,584.0	1,653.0	6,208.0	4,588.0	1,370.0	240.0	14,059.0	940.0	16,278.5
Inflation Adjustment				-	-	180.5	263.0	116.0	27.0	586.5	129.0	715.5
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

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DEPARTMENT: Tucson Water - Reclaimed Transmission (7640)							WARD: 5, 6 START DATE: 7/01 END DATE: 6/04			PROJECT NUMBER: W622		
PROJECT TITLE: 18th Street/10th Avenue Reclaimed Transmission Main							ESTIMATED PROJECT COST					
DESCRIPTION: Design and construct 11,500 feet of 24-inch reclaimed water transmission main from Plumer Avenue to 10th Avenue to improve system hydraulics. Customers who will benefit from the improvements include Santa Rita Park and Howenstine School.							DESIGN 214.0 RIGHT-OF-WAY - CONSTRUCTION 2,296.0 OTHER - INFLATION 90.0 PROJECT TOTAL 2,600.0					
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	520.0	520.0	1,040.0	-	-	-	1,560.0	-	1,560.0
Unfunded Requirements	100	-	-	-	-	-	1,040.0	-	-	1,040.0	-	1,040.0
TOTAL			-	-	520.0	1,040.0	1,040.0	-	-	2,600.0	-	2,600.0
INFLATION ADJUSTMENT:						30.0	60.0	-	-	90.0	-	90.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Transmission (7640)							WARD: 1, 5 START DATE: 7/05 END DATE: 6/08			PROJECT NUMBER: W623		
PROJECT TITLE: Ajo Way/10th Avenue Reclaimed Transmission Main							ESTIMATED PROJECT COST					
DESCRIPTION: Design and construct a 5,300 foot 30-inch reclaimed water transmission main in Ajo Way from South 10th Avenue to the Santa Cruz River. This main will provide service to Kennedy Park, Urquides Elementary School, and several apartment complexes.							DESIGN 130.0 RIGHT-OF-WAY 5.0 CONSTRUCTION 889.0 OTHER - INFLATION 156.0 PROJECT TOTAL 1,180.0					
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	-	-	-	240.0	240.0	940.0	1,180.0
TOTAL			-	-	-	-	-	-	240.0	240.0	940.0	1,180.0
INFLATION ADJUSTMENT:						-	-	-	27.0	27.0	129.0	156.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Transmission (7640)						WARD: County START DATE: 7/00 END DATE: 6/04				PROJECT NUMBER: W624 <u>ESTIMATED PROJECT COST</u> DESIGN 164.0 RIGHT-OF-WAY - CONSTRUCTION 1,604.0 OTHER - INFLATION 62.0 PROJECT TOTAL 1,830.0		
PROJECT TITLE: Alvernon to La Paloma Reclaimed Transmission Main DESCRIPTION: Design and construct 13,000 feet of 24-inch reclaimed water main in the Alvernon Way alignment from River Road to the La Paloma Reservoir. This project will parallel an exiting main and will improve system hydraulics in the north and east portions of this system.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	16.0	14.0	360.0	374.0	720.0	720.0	-	-	1,814.0	-	1,830.0
TOTAL			16.0	14.0	360.0	720.0	720.0	-	-	1,814.0	-	1,830.0
INFLATION ADJUSTMENT:						21.0	41.0	-	-	62.0	-	62.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Transmission (7640)						WARD: 6 START DATE: 7/02 END DATE: 6/05				PROJECT NUMBER: W625 <u>ESTIMATED PROJECT COST</u> DESIGN 113.0 RIGHT-OF-WAY - CONSTRUCTION 1,180.0 OTHER - INFLATION 87.0 PROJECT TOTAL 1,380.0		
PROJECT TITLE: Broadway/Columbus Reclaimed Transmission Main DESCRIPTION: Design and construct 13,400 feet of 16-inch reclaimed water transmission main in Broadway Boulevard from Columbus Boulevard to Wilmot Road. This project will provide service to Rincon High School, Sears Park, Vail Middle School, and the Williams Center.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	280.0	550.0	-	-	830.0	-	830.0
Unfunded Requirements	100	-	-	-	-	-	-	550.0	-	550.0	-	550.0
TOTAL			-	-	-	280.0	550.0	550.0	-	1,380.0	-	1,380.0
INFLATION ADJUSTMENT:						8.0	32.0	47.0	-	87.0	-	87.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Reclaimed Transmission (7640) PROJECT TITLE: Campbell Avenue/3rd Street Reclaimed Transmission Main DESCRIPTION: Design and construct 7,900 feet of 16-inch reclaimed water transmission main along Campbell Avenue from Third Street to Sixth Street and along Sixth Street to the vicinity of Fifth Street and Third Avenue. This project will provide service to Tucson High School, Mansfield Middle School, Roskrige Elementary and Middle Schools, and Catalina Park.						WARD: 6 START DATE: 7/02 END DATE: 6/05				PROJECT NUMBER: W642 <u>ESTIMATED PROJECT COST</u> DESIGN 66.0 RIGHT-OF-WAY - CONSTRUCTION 684.0 OTHER - INFLATION 50.0 PROJECT TOTAL 800.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	160.0	320.0	-	-	480.0	-	480.0
Unfunded Requirements	100	-	-	-	-	-	-	320.0	-	320.0	-	320.0
TOTAL		-	-	-	-	160.0	320.0	320.0	-	800.0	-	800.0
INFLATION ADJUSTMENT:						5.0	18.0	27.0	-	50.0	-	50.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Transmission (7640) PROJECT TITLE: Campbell/Drexel Reclaimed Main DESCRIPTION: Design and construct 29,800 feet of 24-inch reclaimed water transmission mains from the intersection of 44th Street and South 10th Avenue south to Drexel Road, from Liberty Avenue to Benson Highway along the Drexel Road alignment, and along Benson Highway from Drexel Road to the planned Benson Highway Reservoir site on property owned by the city. This project will provide service to Southlawn Cemetery, Rodeo Park, and Sunnyside High School.						WARD: 5 START DATE: 8/91 END DATE: 6/04				PROJECT NUMBER: W644 <u>ESTIMATED PROJECT COST</u> DESIGN 912.7 RIGHT-OF-WAY 0.4 CONSTRUCTION 3,746.0 OTHER 0.4 INFLATION 125.0 PROJECT TOTAL 4,784.5		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
1984 Water Revenue Bond Funds	87	84.4	-	-	-	-	-	-	-	-	-	84.4
1994 Water Revenue Bonds Series C	79	0.1	-	-	-	-	-	-	-	-	-	0.1
2000 Water Revenue Bonds	85	900.0	-	200.0	200.0	2,880.0	720.0	-	-	3,800.0	-	4,700.0
TOTAL		984.5	-	200.0	200.0	2,880.0	720.0	-	-	3,800.0	-	4,784.5
INFLATION ADJUSTMENT:						84.0	41.0	-	-	125.0	-	125.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Transmission (7640)						WARD: 6 START DATE: 7/01 END DATE: 6/04				PROJECT NUMBER: W641 <u>ESTIMATED PROJECT COST</u> DESIGN 41.0 RIGHT-OF-WAY - CONSTRUCTION 461.0 OTHER - INFLATION 18.0 PROJECT TOTAL 520.0		
PROJECT TITLE: Columbus/22nd Street Reclaimed Transmission Main DESCRIPTION: Design and construct 5,000 feet of 16-inch reclaimed water transmission main in Columbus Boulevard from 22nd Street to Broadway Boulevard. This project will provide service to Howell and Lineweaver Elementary Schools, and Alvernon Park.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	100.0	100.0	210.0	210.0	-	-	520.0	-	520.0
TOTAL		-	-	100.0	100.0	210.0	210.0	-	-	520.0	-	520.0
INFLATION ADJUSTMENT:						6.0	12.0	-	-	18.0	-	18.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Transmission (7640)						WARD: 6 START DATE: 7/00 END DATE: 6/03				PROJECT NUMBER: W636 <u>ESTIMATED PROJECT COST</u> DESIGN 28.0 RIGHT-OF-WAY - CONSTRUCTION 318.0 OTHER - INFLATION 4.0 PROJECT TOTAL 350.0		
PROJECT TITLE: Cushing Street/Main Avenue Reclaimed Transmission Main DESCRIPTION: Design and construct 3,400 feet of 16-inch reclaimed water transmission main in Cushing Street from Main Avenue to Third Avenue. This project will provide service to Safford Elementary and Middle Schools and Armory Park.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	15.0	55.0	140.0	195.0	140.0	-	-	-	335.0	-	350.0
TOTAL		15.0	55.0	140.0	195.0	140.0	-	-	-	335.0	-	350.0
INFLATION ADJUSTMENT:						4.0	-	-	-	4.0	-	4.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Reclaimed Transmission (7640)							WARD: 4			PROJECT NUMBER: W629		
PROJECT TITLE: Golf Links/Craycroft Reclaimed Transmission Main							START DATE: 7/02			ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct 12,000 feet of 16-inch reclaimed water transmission main in Golf Links Road from Craycroft Road to Wilmot Road, in Wilmot Road from Golf Links Road to Nicaragua Drive, in Nicaragua Drive to South Calle Polar, and in South Calle Polar to Escalante Road. This pipeline will complete the system from the Udall Booster Station to the Houghton Reservoir and will provide service to Wheeler and Smith Elementary Schools and Terra del Sol Park.							END DATE: 6/05			DESIGN 103.0 RIGHT-OF-WAY - CONSTRUCTION 1,069.0 OTHER - INFLATION 78.0 PROJECT TOTAL 1,250.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	-	-	-	250.0	421.0	-	-	671.0	-	671.0
Unfunded Requirements	100	-	-	-	-	-	79.0	500.0	-	579.0	-	579.0
TOTAL			-	-	-	250.0	500.0	500.0	-	1,250.0	-	1,250.0
INFLATION ADJUSTMENT:						7.0	29.0	42.0	-	78.0	-	78.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Transmission (7640)							WARD: County			PROJECT NUMBER: W634		
PROJECT TITLE: Sunrise/Craycroft Reclaimed Transmission Main							START DATE: 7/00			ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct 3,000 feet of 16-inch reclaimed water transmission main near Craycroft Road and Sunrise Road to connect the Sunrise Reservoir to the reclaimed water system.							END DATE: 6/04			DESIGN 48.0 RIGHT-OF-WAY - CONSTRUCTION 301.5 OTHER - INFLATION 10.5 PROJECT TOTAL 360.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	60.0	-	60.0	60.0	120.0	120.0	-	-	300.0	-	360.0
TOTAL			60.0	-	60.0	120.0	120.0	-	-	300.0	-	360.0
INFLATION ADJUSTMENT:						3.5	7.0	-	-	10.5	-	10.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Transmission (7640)						WARD: County START DATE: 7/00 END DATE: 6/04				PROJECT NUMBER: W628 <u>ESTIMATED PROJECT COST</u> DESIGN 164.0 RIGHT-OF-WAY - CONSTRUCTION 1,025.0 OTHER - INFLATION 35.0 PROJECT TOTAL 1,224.0		
PROJECT TITLE: Sunrise/Craycroft to Sabino Reclaimed Transmission Main												
DESCRIPTION: Design and construct 10,000 feet of 16-inch reclaimed water transmission main in Sunrise Road from Craycroft Road to Sabino Canyon Road. This project will augment the existing pipeline and improve system hydraulics. This pipeline will provide service to several Catalina Foothills School District schools.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	204.0	-	204.0	204.0	408.0	408.0	-	-	1,020.0	-	1,224.0
TOTAL			204.0	-	204.0	408.0	408.0	-	-	1,020.0	-	1,224.0
INFLATION ADJUSTMENT:						12.0	23.0	-	-	35.0	-	35.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 3,570,000

PROGRAM AREA: Reclaimed Distribution

The Reclaimed Distribution system is a network of pipelines, which distribute reclaimed water from the major transmission facilities to the customer. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water

The program contains the following types of projects, which are intended to accomplish the above goals:

- Construction of minor extensions of the distribution system
- Replacement of undersized or leaking pipelines
- Installation of new distribution piping
- Review developer-financed projects

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Deactivate Blow-Off Valves	B - 344	17.9	9.0	25.0	34.0	25.0	25.0	5.0	-	89.0	-	106.9
Water Revenue and Operations Fund		17.9	-	25.0	25.0	25.0	25.0	5.0	-	80.0	-	97.9
2000 Water Revenue Bonds		-	9.0	-	9.0	-	-	-	-	9.0	-	9.0
Mabel Street Reclaimed Main Extension	B - 344	31.0	244.0	275.0	519.0	-	-	-	-	519.0	-	550.0
2000 Water Revenue Bonds		31.0	244.0	275.0	519.0	-	-	-	-	519.0	-	550.0
Main Extensions: Priority Clusters	B - 345	-	-	-	-	55.0	55.0	55.0	55.0	220.0	275.0	495.0
2000 Water Revenue Bonds		-	-	-	-	55.0	55.0	-	-	110.0	-	110.0
Unfunded Requirements		-	-	-	-	-	-	55.0	55.0	110.0	275.0	385.0
Review of Developer-Financed Reclaimed Projects	B - 345	-	-	40.0	40.0	40.0	40.0	40.0	40.0	200.0	200.0	400.0
Water Revenue and Operations Fund		-	-	40.0	40.0	40.0	40.0	40.0	40.0	200.0	200.0	400.0
Sabino/Sunrise to Snyder Reclaimed Distribution Main	B - 346	-	-	180.0	180.0	-	360.0	360.0	-	900.0	-	900.0
2000 Water Revenue Bonds		-	-	180.0	180.0	-	360.0	-	-	540.0	-	540.0
Unfunded Requirements		-	-	-	-	-	-	360.0	-	360.0	-	360.0
Sampling and Monitoring Upgrades	B - 346	25.0	-	25.0	25.0	25.0	25.0	5.0	-	80.0	-	105.0
Water Revenue and Operations Fund		25.0	-	25.0	25.0	25.0	25.0	5.0	-	80.0	-	105.0
Seneca/Palo Verde Reclaimed Distribution Main	B - 347	-	-	-	-	-	-	-	170.0	170.0	680.0	850.0
Unfunded Requirements		-	-	-	-	-	-	-	170.0	170.0	680.0	850.0
Snyder Road/Bear Canyon Reclaimed Distribution Main	B - 347	-	-	-	-	110.0	230.0	230.0	-	570.0	-	570.0
2000 Water Revenue Bonds		-	-	-	-	110.0	230.0	-	-	340.0	-	340.0
Unfunded Requirements		-	-	-	-	-	-	230.0	-	230.0	-	230.0
System Enhancements: Reclaimed	B - 348	-	50.0	50.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0
2000 Water Revenue Bonds		-	50.0	50.0	100.0	100.0	100.0	-	-	300.0	-	300.0
Unfunded Requirements		-	-	-	-	-	-	100.0	100.0	200.0	500.0	700.0
Tucson Unified School District Main Extensions	B - 348	-	47.0	55.0	102.0	55.0	55.0	55.0	55.0	322.0	275.0	597.0
Water Revenue and Operations Fund		-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
2000 Water Revenue Bonds		-	47.0	-	47.0	-	-	-	-	47.0	-	47.0
TOTAL		73.9	350.0	650.0	1,000.0	410.0	890.0	850.0	420.0	3,570.0	1,930.0	5,573.9

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	42.9	-	145.0	145.0	145.0	145.0	105.0	95.0	635.0	475.0	1,152.9
2000 Water Revenue Bonds	85	31.0	350.0	505.0	855.0	265.0	745.0	-	-	1,865.0	-	1,896.0
Unfunded Requirements	100	-	-	-	-	-	-	745.0	325.0	1,070.0	1,455.0	2,525.0
TOTAL		73.9	350.0	650.0	1,000.0	410.0	890.0	850.0	420.0	3,570.0	1,930.0	5,573.9
Inflation Adjustment				-	-	13.0	50.0	72.0	46.5	181.5	265.5	447.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Distribution (7650)						WARD: City/County START DATE: 7/99 END DATE: 6/05				PROJECT NUMBER: W616 ESTIMATED PROJECT COST		
PROJECT TITLE: Deactivate Blow-Off Valves DESCRIPTION: Deactivate blow-off valves on the 36-inch reclaimed water transmission lines. The blow-off valves were included in the original design of the reclaimed system as the method of removing excess sediment from the pipelines. Recent experience indicates these valves are unnecessary and problems with the valves can be a contributing factor in main breaks.										DESIGN 13.9 RIGHT-OF-WAY - CONSTRUCTION 91.0 OTHER - INFLATION 2.0 PROJECT TOTAL 106.9		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	17.9	-	25.0	25.0	25.0	25.0	5.0	-	80.0	-	97.9
2000 Water Revenue Bonds	85	-	9.0	-	9.0	-	-	-	-	9.0	-	9.0
TOTAL		17.9	9.0	25.0	34.0	25.0	25.0	5.0	-	89.0	-	106.9
INFLATION ADJUSTMENT:						1.0	1.0	-	-	2.0	-	2.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Distribution (7650)						WARD: 3,6 START DATE: 7/00 END DATE: 6/02				PROJECT NUMBER: W329 ESTIMATED PROJECT COST		
PROJECT TITLE: Mabel Street Reclaimed Main Extension DESCRIPTION: Design and construct approximately 5,000 feet of 12-inch reclaimed water distribution main along Mabel Street between Treat Avenue and Cherry Avenue. The pipeline will be tied into new pipelines being constructed by the University of Arizona to provide reclaimed water service north of Speedway Boulevard. This project will also provide the opportunity to extend service to other existing sites that could be converted to reclaimed water including the Arizona Inn, Saints Peter and Paul Church and School, and Our Saviour's Lutheran Church.										DESIGN 198.0 RIGHT-OF-WAY 15.0 CONSTRUCTION 337.0 OTHER - INFLATION - PROJECT TOTAL 550.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	31.0	244.0	275.0	519.0	-	-	-	-	519.0	-	550.0
TOTAL		31.0	244.0	275.0	519.0	-	-	-	-	519.0	-	550.0
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Distribution (7650)							WARD: City/County				PROJECT NUMBER: W637		
PROJECT TITLE: Main Extensions: Priority Clusters							START DATE: 7/02				<u>ESTIMATED PROJECT COST</u> DESIGN 105.0 RIGHT-OF-WAY - CONSTRUCTION 336.0 OTHER - INFLATION 54.0 PROJECT TOTAL 495.0		
DESCRIPTION: Provide pipeline extensions to potential reclaimed water customers located within the priority clusters identified in the Reclaimed Water Master Plan.							END DATE: Annual						
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds		85	-	-	-	-	55.0	55.0	-	-	110.0	-	110.0
Unfunded Requirements		100	-	-	-	-	-	-	55.0	55.0	110.0	275.0	385.0
TOTAL			-	-	-	-	55.0	55.0	55.0	55.0	220.0	275.0	495.0
INFLATION ADJUSTMENT:							2.0	3.0	5.0	6.0	16.0	38.0	54.0
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Distribution (7650)							WARD: City/County				PROJECT NUMBER: W130		
PROJECT TITLE: Review of Developer-Financed Reclaimed Projects							START DATE: 7/01				<u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 362.0 INFLATION 38.0 PROJECT TOTAL 400.0		
DESCRIPTION: Review plans and inspect developer-constructed reclaimed systems to ensure compliance with Tucson Water's standards. These systems are donated to the city when completed.							END DATE: Annual						
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund		81	-	-	40.0	40.0	40.0	40.0	40.0	40.0	200.0	200.0	400.0
TOTAL			-	-	40.0	40.0	40.0	40.0	40.0	40.0	200.0	200.0	400.0
INFLATION ADJUSTMENT:							1.0	2.0	3.0	4.5	10.5	27.5	38.0
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Distribution (7650)							WARD: County				PROJECT NUMBER: W648		
PROJECT TITLE: Sabino/Sunrise to Snyder Reclaimed Distribution Main							START DATE: 7/01				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct 11,500 feet of 12-inch reclaimed water distribution main in Sabino Canyon Road from Sunrise to Snyder. This pipeline will improve system hydraulics and provide service to several apartment complexes.							END DATE: 6/05				DESIGN 74.0 RIGHT-OF-WAY - CONSTRUCTION 774.0 OTHER - INFLATION 52.0 PROJECT TOTAL 900.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	-	-	180.0	180.0	-	360.0	-	-	540.0	-	540.0	
Unfunded Requirements	100	-	-	-	-	-	-	360.0	-	360.0	-	360.0	
TOTAL			-	-	180.0	-	360.0	360.0	-	900.0	-	900.0	
INFLATION ADJUSTMENT:						-	21.0	31.0	-	52.0	-	52.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

DEPARTMENT: Tucson Water - Reclaimed Distribution (7650)							WARD: City/County				PROJECT NUMBER: W617		
PROJECT TITLE: Sampling and Monitoring Upgrades							START DATE: 1/01				ESTIMATED PROJECT COST		
DESCRIPTION: Construct six water quality sampling/pressure monitoring units on the reclaimed water distribution system each year. These units will provide information to calibrate and monitor hydraulic, water quality, and corrosion models.							END DATE: 6/05				DESIGN 12.0 RIGHT-OF-WAY - CONSTRUCTION 91.0 OTHER - INFLATION 2.0 PROJECT TOTAL 105.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Water Revenue and Operations Fund	81	25.0	-	25.0	25.0	25.0	25.0	5.0	-	80.0	-	105.0	
TOTAL			25.0	-	25.0	25.0	25.0	5.0	-	80.0	-	105.0	
INFLATION ADJUSTMENT:						1.0	1.0	-	-	2.0	-	2.0	
ANNUAL OPERATING COST:						-	-	-	-	-	-	-	

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Distribution (7650)							WARD: 6			PROJECT NUMBER: W638			
PROJECT TITLE: Seneca/Palo Verde Reclaimed Distribution Main							START DATE: 7/05			ESTIMATED PROJECT COST			
DESCRIPTION: Design and construct 15,000 feet of 8-inch reclaimed water distribution main in East Seneca Street from North Palo Verde Boulevard to North Dodge Boulevard, continuing north in North Dodge Boulevard to East Grant Road, east in East Grant Road to North Rosemont Boulevard, and south in North Rosemont Boulevard to Pima Street.							END DATE: 6/08			DESIGN 135.0 RIGHT-OF-WAY - CONSTRUCTION 603.0 OTHER - INFLATION 112.0 PROJECT TOTAL 850.0			
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Unfunded Requirements	100	-	-	-	-	-	-	-	-	170.0	170.0	680.0	850.0
TOTAL			-	-	-	-	-	-	-	170.0	170.0	680.0	850.0
INFLATION ADJUSTMENT:							-	-	-	19.0	19.0	93.0	112.0
ANNUAL OPERATING COST:							-	-	-	-	-		

DEPARTMENT: Tucson Water - Reclaimed Distribution (7650)							WARD: County			PROJECT NUMBER: W633			
PROJECT TITLE: Snyder Road/Bear Canyon Reclaimed Distribution Main							START DATE: 7/02			ESTIMATED PROJECT COST			
DESCRIPTION: Design and construct 10,000 feet of 8-inch reclaimed water distribution main in Snyder Road from Bear Canyon to the Raven Golf Course. This project augments the existing main and will enable Tucson Water to provide service to Sabino High School and McDonald Park.							END DATE: 6/05			DESIGN 47.0 RIGHT-OF-WAY - CONSTRUCTION 487.5 OTHER - INFLATION 35.5 PROJECT TOTAL 570.0			
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	-	-	-	-	110.0	230.0	-	-	340.0	-	340.0	
Unfunded Requirements	100	-	-	-	-	-	-	230.0	-	230.0	-	230.0	
TOTAL			-	-	-	110.0	230.0	230.0	-	570.0	-	570.0	
INFLATION ADJUSTMENT:							3.0	13.0	19.5	-	35.5	-	35.5
ANNUAL OPERATING COST:							-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Distribution (7650)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W645 ESTIMATED PROJECT COST		
PROJECT TITLE: System Enhancements: Reclaimed DESCRIPTION: Install water mains to increase system capacity as part of City of Tucson, Pima County, and Arizona Department of Transportation road improvement projects, thereby realizing savings on the cost of pavement removal and replacement, as well as adhering to city and county pavement cutting policies.										DESIGN 98.0 RIGHT-OF-WAY - CONSTRUCTION 804.5 OTHER - INFLATION 97.5 PROJECT TOTAL 1,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds	85	-	50.0	50.0	100.0	100.0	100.0	-	-	300.0	-	300.0
Unfunded Requirements	100	-	-	-	-	-	-	100.0	100.0	200.0	500.0	700.0
TOTAL		-	50.0	50.0	100.0	100.0	100.0	100.0	100.0	500.0	500.0	1,000.0
INFLATION ADJUSTMENT:						3.0	6.0	8.5	11.0	28.5	69.0	97.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Distribution (7650)						WARD: Citywide START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W640 ESTIMATED PROJECT COST		
PROJECT TITLE: Tucson Unified School District Main Extensions DESCRIPTION: Install reclaimed water services for Tucson Unified School District schools in accordance with the terms of an agreement between the city and the school district.										DESIGN 50.0 RIGHT-OF-WAY - CONSTRUCTION 493.0 OTHER - INFLATION 54.0 PROJECT TOTAL 597.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
2000 Water Revenue Bonds	85	-	47.0	-	47.0	-	-	-	-	47.0	-	47.0
TOTAL		-	47.0	55.0	102.0	55.0	55.0	55.0	55.0	322.0	275.0	597.0
INFLATION ADJUSTMENT:						2.0	3.0	5.0	6.0	16.0	38.0	54.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 125,000

PROGRAM AREA: Reclaimed New Services

The Reclaimed New Services program provides for the installation of new water connections, including water meters, as requested by the customer. Related costs are offset by the collection of connection fees. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Comply with the water usage, safe-yield and assured water supply requirements of the Arizona State Groundwater Management Act

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
New Metered Services	B - 351	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
Water Revenue and Operations Fund		-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
TOTAL		-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
<u>Source of Funds</u>	<u>Fund No.</u>											
Water Revenue and Operations Fund	81	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
TOTAL		-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
Inflation Adjustment				-	-	1.0	1.0	2.0	3.0	7.0	17.0	24.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed New Services (7660)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: W131 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 226.0 INFLATION 24.0 PROJECT TOTAL 250.0		
PROJECT TITLE: New Metered Services DESCRIPTION: Install new metered water services upon customer request and payment of connection fees.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	25.0	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
TOTAL			-	-	25.0	25.0	25.0	25.0	25.0	125.0	125.0	250.0
INFLATION ADJUSTMENT:						1.0	1.0	2.0	3.0	7.0	17.0	24.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Tucson Water

FIVE-YEAR TOTAL: \$ 236,000

PROGRAM AREA: Reclaimed Treatment

The Reclaimed Treatment program funds improvements to the Roger Road Reclaimed Water Treatment Plant and related infrastructure. This program area is intended to accomplish the following goals:

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility
- Comply with the water usage, safe-yield, and assured water supply requirements of the Arizona State Groundwater Management Act
- Advance and encourage the use of reclaimed water

The program contains the following types of projects, which are intended to accomplish the above goals:

- Install upgrades and modifications to the treatment plant
- Construct or improve chlorinating facilities

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Chlorine System Improvements	B - 354	-	-	-	-	-	40.0	160.0	-	200.0	-	200.0
2000 Water Revenue Bonds		-	-	-	-	-	40.0	-	-	40.0	-	40.0
Unfunded Requirements		-	-	-	-	-	-	160.0	-	160.0	-	160.0
Roger Road Reclaimed Water Treatment Plant	B - 354	-	-	36.0	36.0	-	-	-	-	36.0	-	36.0
Miscellaneous Improvements and Upgrades		-	-	36.0	36.0	-	-	-	-	36.0	-	36.0
2000 Water Revenue Bonds		-	-	36.0	36.0	-	-	-	-	36.0	-	36.0
TOTAL		-	-	36.0	36.0	-	40.0	160.0	-	236.0	-	236.0
Source of Funds	Fund No.											
2000 Water Revenue Bonds	85	-	-	36.0	36.0	-	40.0	-	-	76.0	-	76.0
Unfunded Requirements	100	-	-	-	-	-	-	160.0	-	160.0	-	160.0
TOTAL		-	-	36.0	36.0	-	40.0	160.0	-	236.0	-	236.0
Inflation Adjustment				-	-	-	2.0	14.0	-	16.0	-	16.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Tucson Water - Reclaimed Treatment (7691)							WARD: 1				PROJECT NUMBER: W649		
PROJECT TITLE: Chlorine System Improvements							START DATE: 4/04				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct chlorination facilities (either expansion of existing facilities and/or new facilities) to provide disinfection for the reclaimed water produced at the planned Roger Road Recharge and Recovery Facility.							END DATE: 6/05				DESIGN 15.0		
											RIGHT-OF-WAY -		
											CONSTRUCTION 169.0		
											OTHER -		
											INFLATION 16.0		
											PROJECT TOTAL 200.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	-	-	-	-	-	40.0	-	-	40.0	-	40.0	
Unfunded Requirements	100	-	-	-	-	-	-	160.0	-	160.0	-	160.0	
TOTAL			-	-	-	-	40.0	160.0	-	200.0	-	200.0	
INFLATION ADJUSTMENT:							-	2.0	14.0	-	16.0	-	16.0
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Treatment (7691)							WARD: 1				PROJECT NUMBER: W619		
PROJECT TITLE: Roger Road Reclaimed Water Treatment Plant Miscellaneous Improvements and Upgrades							START DATE: 7/01				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct modifications and upgrades to the Roger Road Reclaimed Water Treatment Plant that are necessary for safety, building, and fire code compliance and to maintain plant efficiency.							END DATE: 6/02				DESIGN 4.0		
											RIGHT-OF-WAY -		
											CONSTRUCTION 32.0		
											OTHER -		
											INFLATION -		
											PROJECT TOTAL 36.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
2000 Water Revenue Bonds	85	-	-	36.0	36.0	-	-	-	-	36.0	-	36.0	
TOTAL			-	36.0	36.0	-	-	-	-	36.0	-	36.0	
INFLATION ADJUSTMENT:							-	-	-	-	-	-	
ANNUAL OPERATING COST:							-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Water

FIVE-YEAR TOTAL: \$ 1,325,000

PROGRAM AREA: Reclaimed Process Control

The Reclaimed Process Control system provides continuous data logging and control of all functions necessary to properly operate and maintain the reclaimed water system.

- Meet customers' water use demands with high quality water
- Provide water supply reliability and flexibility

The program contains the following types of projects, which are intended to accomplish the above goals:

- Control panel replacements
- Process control and metering devices
- Microwave Radio Replacements

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Control Panels: Reclaimed System	B - 357	505.0	-	250.0	250.0	250.0	250.0	-	-	750.0	-	1,255.0
Water Revenue and Operations Fund		213.4	-	250.0	250.0	250.0	250.0	-	-	750.0	-	963.4
1984 Water Revenue Bond Funds		1.8	-	-	-	-	-	-	-	-	-	1.8
1994 Water Revenue Bonds Series A		125.2	-	-	-	-	-	-	-	-	-	125.2
1994 Water Revenue Bonds Series B		115.3	-	-	-	-	-	-	-	-	-	115.3
1994 Water Revenue Bonds Series C		47.9	-	-	-	-	-	-	-	-	-	47.9
1994 Water Revenue Bonds Series D		1.4	-	-	-	-	-	-	-	-	-	1.4
Future Reclaimed Process Control	B - 357	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
Water Revenue and Operations Fund		-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
Microwave Radio Replacements: Reclaimed	B - 358	100.0	-	100.0	100.0	100.0	100.0	-	-	300.0	-	400.0
2000 Water Revenue Bonds		100.0	-	100.0	100.0	100.0	100.0	-	-	300.0	-	400.0
TOTAL		605.0	-	405.0	405.0	405.0	405.0	55.0	55.0	1,325.0	275.0	2,205.0
Source of Funds	Fund No.											
Water Revenue and Operations Fund	81	213.4	-	305.0	305.0	305.0	305.0	55.0	55.0	1,025.0	275.0	1,513.4
1984 Water Revenue Bond Funds	87	1.8	-	-	-	-	-	-	-	-	-	1.8
1994 Water Revenue Bonds Series A	88	125.2	-	-	-	-	-	-	-	-	-	125.2
1994 Water Revenue Bonds Series B	89	115.3	-	-	-	-	-	-	-	-	-	115.3
1994 Water Revenue Bonds Series C	79	47.9	-	-	-	-	-	-	-	-	-	47.9
1994 Water Revenue Bonds Series D	80	1.4	-	-	-	-	-	-	-	-	-	1.4
2000 Water Revenue Bonds	85	100.0	-	100.0	100.0	100.0	100.0	-	-	300.0	-	400.0
TOTAL		605.0	-	405.0	405.0	405.0	405.0	55.0	55.0	1,325.0	275.0	2,205.0
Inflation Adjustment				-	-	12.0	23.0	5.0	6.0	46.0	38.0	84.0
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Process Control (7695)						WARD: City/County START DATE: 7/94 END DATE: 6/04				PROJECT NUMBER: W959 ESTIMATED PROJECT COST		
PROJECT TITLE: Control Panels: Reclaimed System DESCRIPTION: Design and fabricate controls for reclaimed facilities and modify existing controls at boosters, reservoirs, and sites with on-site storage. These controls electronically monitor pressure, flow rates, and other site conditions, and transmit this information to the reclaimed water treatment plant where it is used to make operational decisions.										DESIGN 203.3 RIGHT-OF-WAY 0.5 CONSTRUCTION 1,020.4 OTHER 9.8 INFLATION 21.0 PROJECT TOTAL 1,255.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	213.4	-	250.0	250.0	250.0	250.0	-	-	750.0	-	963.4
1984 Water Revenue Bond Funds	87	1.8	-	-	-	-	-	-	-	-	-	1.8
1994 Water Revenue Bonds Series A	88	125.2	-	-	-	-	-	-	-	-	-	125.2
1994 Water Revenue Bonds Series B	89	115.3	-	-	-	-	-	-	-	-	-	115.3
1994 Water Revenue Bonds Series C	79	47.9	-	-	-	-	-	-	-	-	-	47.9
1994 Water Revenue Bonds Series D	80	1.4	-	-	-	-	-	-	-	-	-	1.4
TOTAL		505.0	-	250.0	250.0	250.0	250.0	-	-	750.0	-	1,255.0
INFLATION ADJUSTMENT:						7.0	14.0	-	-	21.0	-	21.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Water - Reclaimed Process Control (7695)						WARD: City/County START DATE: 7/01 END DATE: Annual				PROJECT NUMBER: WS99 ESTIMATED PROJECT COST		
PROJECT TITLE: Future Reclaimed Process Control DESCRIPTION: Implement improvements to control instrumentation systems that are necessary as a result of installation or modification of control panels. Specific projects will be identified in the year of implementation and funded from this drawdown account.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 496.0 INFLATION 54.0 PROJECT TOTAL 550.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Water Revenue and Operations Fund	81	-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
TOTAL		-	-	55.0	55.0	55.0	55.0	55.0	55.0	275.0	275.0	550.0
INFLATION ADJUSTMENT:						2.0	3.0	5.0	6.0	16.0	38.0	54.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Water - Reclaimed Process Control (7695)						WARD: City/County START DATE: 7/00 END DATE: 6/04				PROJECT NUMBER: W297 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION 194.0 OTHER 197.0 INFLATION 9.0 PROJECT TOTAL 400.0			
PROJECT TITLE: Microwave Radio Replacements: Reclaimed DESCRIPTION: Replace existing reclaimed water remote site communication based on leased phone lines with new 900 mhz radio data telemetry equipment. Typical remote site facilities include wells, boosters, and reservoirs.													
SOURCE OF FUNDS		FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
				CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
2000 Water Revenue Bonds		85	100.0	-	100.0	100.0	100.0	100.0	-	-	300.0	-	400.0
					</								

DEPARTMENT CAPITAL IMPROVEMENT PROGRAM STATEMENT

FY 2002 THROUGH FY 2006

DEPARTMENT: Environmental Management

FIVE-YEAR TOTAL: \$ 17,435,400

The Environmental Management Capital Improvement Program (CIP) consists of \$17.4 million dollars for remediation and investigation of city-owned sites with impacted soil and groundwater. These capital projects support the Livable Tucson Goals by restoring the city's degraded natural resources. The Environmental Management CIP is additionally mandated by the Arizona Department of Environmental Quality (ADEQ) Waste Programs, which includes oversight from the Water Quality Assurance Revolving Fund (WQARF) and Solid Waste Divisions of ADEQ.

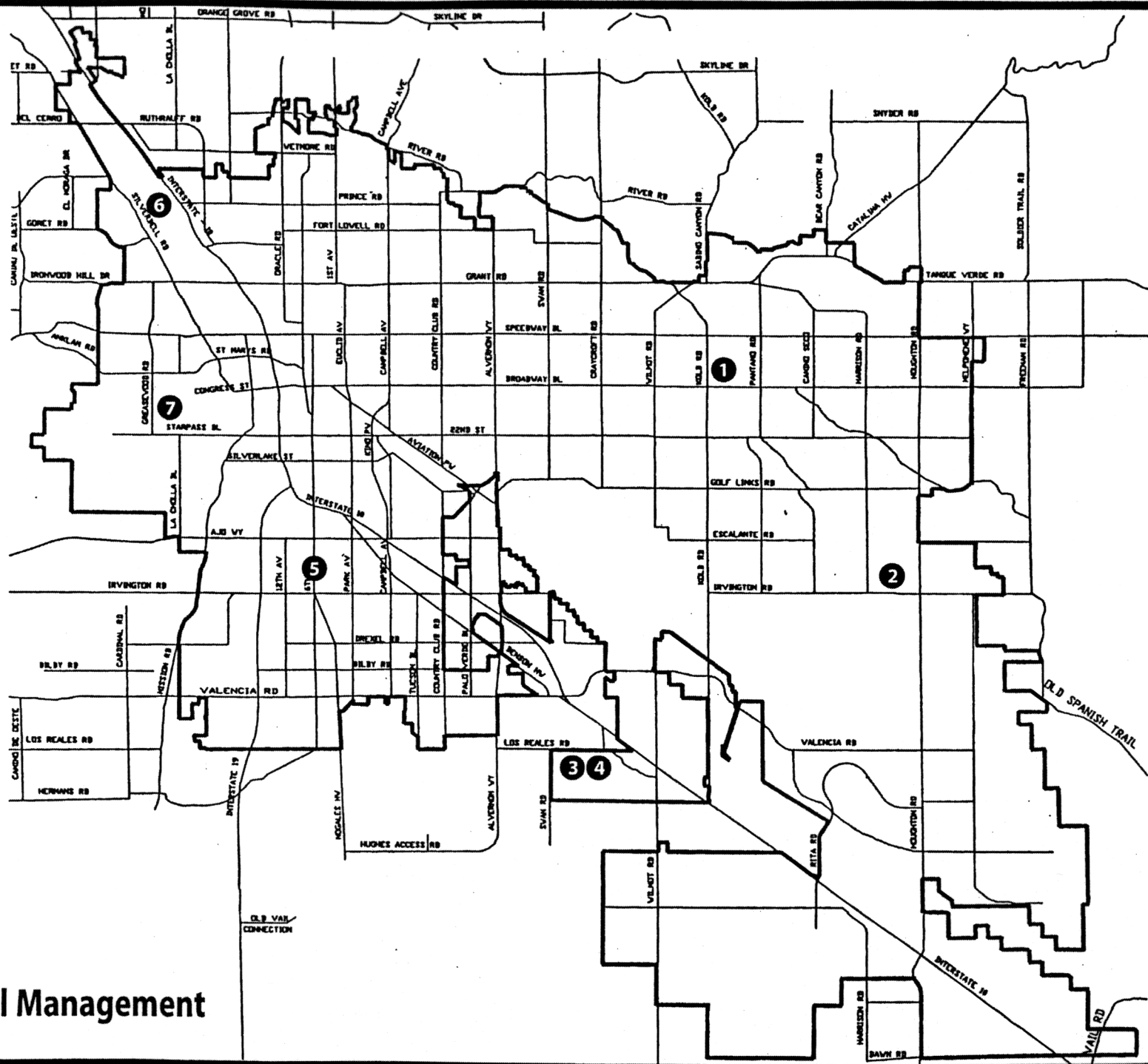
The CIP is a major component of a recognized community environmental program. City neighborhood associations and community advisory boards are instrumental in establishing remediation strategies that parallel local development needs. To improve degraded resources, the CIP includes the following:

- Construction of the Broadway-Pantano Landfill interim groundwater containment system
- Construction of a groundwater treatment system at the Harrison Landfill
- Expansion and modification of the Los Reales Landfill groundwater treatment system
- Construction of a soil vapor extraction/air injection system on the westside of the Los Reales Landfill
- Construction of the dual-phase groundwater treatment system at the Price Service Center
- Construction of a groundwater treatment system at the Silverbell Jail Annex Landfill
- Investigation of groundwater conditions at the Tumamoc Landfill

The five-year CIP funding sources include \$8.1 million (46%) in bond funds, \$3.1 million (18%) in State of Arizona Water Quality Assurance Revolving Funds, \$1.4 million (8%) in environmental and solid waste mandate reserve funds, and \$1.0 million (6%) in Arizona Department of Environmental Quality State Assurance Fund reimbursements. The remaining \$3.8 million (22%) is unfunded. Implementation of this program will result in a \$0.8 million impact on the operating budget in Fiscal Year 2002, increasing to \$0.9 in Fiscal Year 2006.



A deep soil vapor extraction/air injection system has been constructed at the Harrison Landfill to control a volatile organic compound groundwater plume.



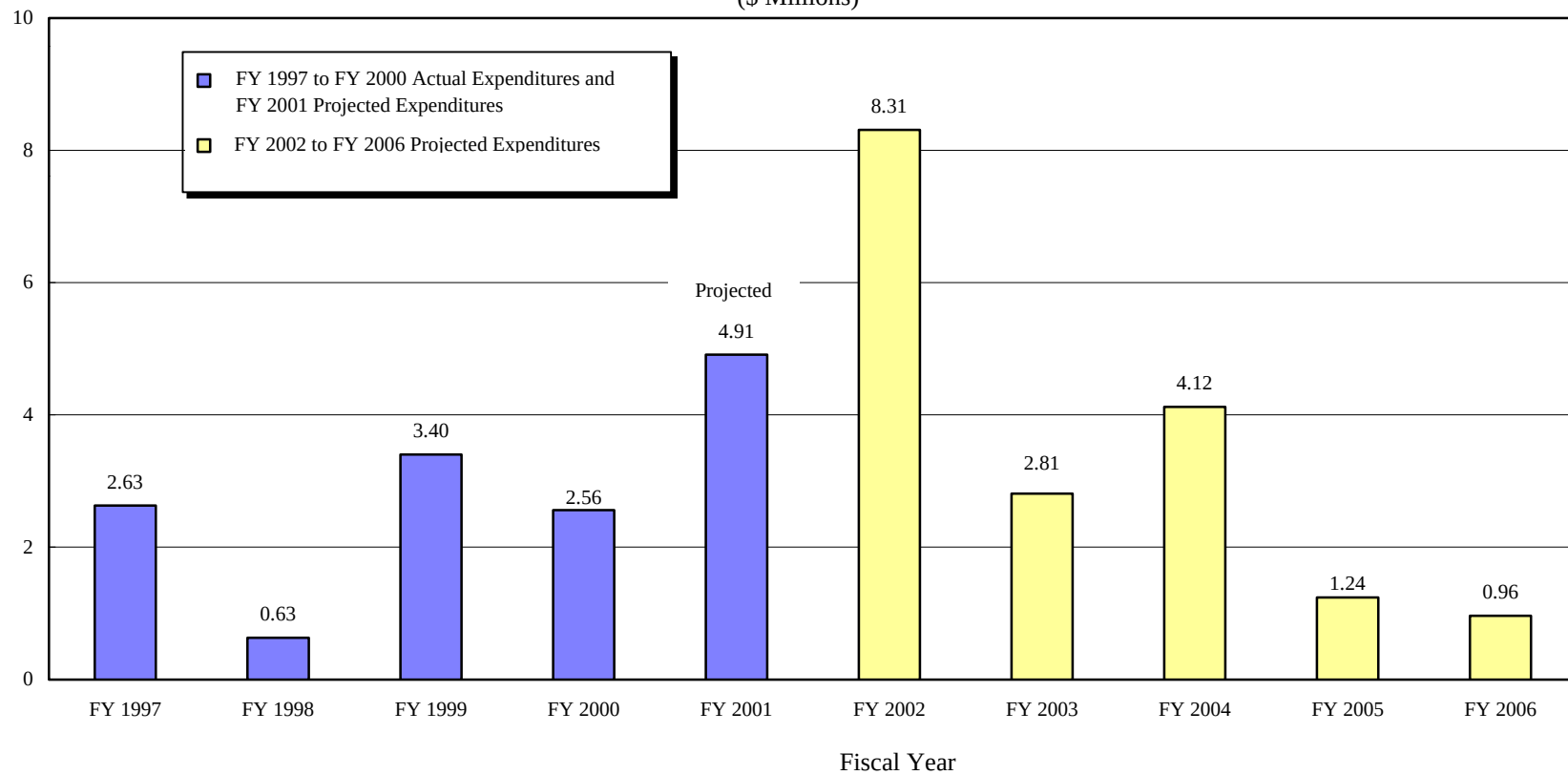
Environmental Management

CAPITAL PROJECTS LOCATIONS

Environmental Management

<u>Project Name</u>	<u>Year to be Completed</u>	<u>Project Name</u>	<u>Year to be Completed</u>
1. Broadway-Pantano Remediation Site	FY 2006	5. Price Service Center Remediation	FY 2006
2. Harrison Landfill Groundwater Remediation	FY 2004	6. Silverbell Jail Annex Landfill	FY 2004
3. Los Reales Landfill Groundwater Remediation	FY 2004	7. Tumamoc Landfill Investigation	FY 2007
4. Los Reales Landfill Westside Remediation	FY 2006		

**Capital Improvements
Ten-Year Comparison
Environmental Management**
(\$ Millions)



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

Environmental Management

DEPARTMENT

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Broadway-Pantano Remediation Site	B - 365	3,565.1	-	3,100.0	3,100.0	800.0	1,680.0	585.0	310.0	6,475.0	-	10,040.1
General Fund		110.1	-	-	-	-	-	-	-	-	-	110.1
Pima County Contributions		400.0	-	-	-	-	-	-	-	-	-	400.0
Water Quality Assurance Revolving Fund		-	-	3,100.0	3,100.0	-	-	-	-	3,100.0	-	3,100.0
1994 General Obligation Bonds Series A		741.2	-	-	-	-	-	-	-	-	-	741.2
1994 General Obligation Bonds Series E		1,463.8	-	-	-	-	-	-	-	-	-	1,463.8
2000 General Obligation Bonds		850.0	-	-	-	800.0	1,680.0	585.0	310.0	3,375.0	-	4,225.0
Comprehensive City Landfill Groundwater Investigation/Remediation Program	B - 365	324.5	175.5	500.0	675.5	500.0	250.0	250.0	250.0	1,925.5	-	2,250.0
General Fund		167.4	-	-	-	-	-	-	-	-	-	167.4
Environmental and Solid Waste Mandate Reserves		102.0	154.8	500.0	654.8	-	-	-	-	654.8	-	756.8
1994 General Obligation Bonds Series A		55.1	-	-	-	-	-	-	-	-	-	55.1
1994 General Obligation Bonds Series E		-	20.7	-	20.7	-	-	-	-	20.7	-	20.7
Unfunded Requirements		-	-	-	-	500.0	250.0	250.0	250.0	1,250.0	-	1,250.0
Harrison Landfill Groundwater Remediation	B - 366	1,729.4	300.0	50.0	350.0	60.0	40.0	-	-	450.0	-	2,179.4
General Fund		204.6	-	-	-	-	-	-	-	-	-	204.6
1994 General Obligation Bonds Series A		537.8	-	-	-	-	-	-	-	-	-	537.8
1994 General Obligation Bonds Series B		199.9	-	-	-	-	-	-	-	-	-	199.9
1994 General Obligation Bonds Series E		490.2	50.0	-	50.0	-	-	-	-	50.0	-	540.2
1994 General Obligation Bonds - Series C Interest		296.9	-	-	-	-	-	-	-	-	-	296.9
2000 General Obligation Bonds		-	250.0	50.0	300.0	60.0	40.0	-	-	400.0	-	400.0
Los Reales Landfill Groundwater Remediation	B - 366	2,579.2	520.9	200.0	720.9	350.0	200.0	-	-	1,270.9	-	3,850.1
General Fund		244.2	-	-	-	-	-	-	-	-	-	244.2
1994 General Obligation Bonds Series A		1,032.7	-	-	-	-	-	-	-	-	-	1,032.7
1994 General Obligation Bonds Series E		775.2	520.9	-	520.9	-	-	-	-	520.9	-	1,296.1
1994 General Obligation Bonds - Series A Interest		347.5	-	-	-	-	-	-	-	-	-	347.5
1994 General Obligation Bonds - Series C Interest		179.6	-	-	-	-	-	-	-	-	-	179.6
2000 General Obligation Bonds		-	-	200.0	200.0	-	-	-	-	200.0	-	200.0
Unfunded Requirements		-	-	-	-	350.0	200.0	-	-	550.0	-	550.0
Los Reales Landfill Westside Remediation	B - 367	-	-	750.0	750.0	150.0	150.0	150.0	150.0	1,350.0	-	1,350.0
Environmental and Solid Waste Mandate Reserves		-	-	750.0	750.0	-	-	-	-	750.0	-	750.0
Unfunded Requirements		-	-	-	-	150.0	150.0	150.0	150.0	600.0	-	600.0

DEPARTMENT

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Price Service Center Remediation	B - 367	3,299.9	910.0	1,000.0	1,910.0	200.0	500.0	104.0	100.0	2,814.0	-	6,113.9
General Fund		1,495.7	-	-	-	-	-	-	-	-	-	1,495.7
Capital Agreements Fund		-	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,000.0
1994 General Obligation Bonds Series A		788.8	-	-	-	-	-	-	-	-	-	788.8
1994 General Obligation Bonds Series B		576.6	-	-	-	-	-	-	-	-	-	576.6
1994 General Obligation Bonds Series E		309.6	540.0	-	540.0	200.0	99.0	-	-	839.0	-	1,148.6
1994 General Obligation Bonds - Series B Interest		129.2	-	-	-	-	-	-	-	-	-	129.2
2000 General Obligation Bonds		-	370.0	-	370.0	-	401.0	104.0	100.0	975.0	-	975.0
Silverbell Jail Annex Landfill	B - 368	1,866.4	300.0	500.0	800.0	500.0	400.0	-	-	1,700.0	-	3,566.4
1994 General Obligation Bonds Series A		260.9	-	-	-	-	-	-	-	-	-	260.9
1994 General Obligation Bonds Series B		238.7	-	-	-	-	-	-	-	-	-	238.7
1994 General Obligation Bonds Series E		1,329.1	300.0	-	300.0	-	-	-	-	300.0	-	1,629.1
1994 General Obligation Bonds - Series C Interest		37.7	-	-	-	-	-	-	-	-	-	37.7
2000 General Obligation Bonds		-	-	500.0	500.0	500.0	400.0	-	-	1,400.0	-	1,400.0
Tumamoc Landfill Investigation	B - 368	-	-	-	-	250.0	900.0	150.0	150.0	1,450.0	150.0	1,600.0
Unfunded Requirements		-	-	-	-	250.0	900.0	150.0	150.0	1,450.0	150.0	1,600.0
TOTAL		13,364.5	2,206.4	6,100.0	8,306.4	2,810.0	4,120.0	1,239.0	960.0	17,435.4	150.0	30,949.9
Source of Funds	Fund No.											
General Fund	01	2,222.0	-	-	-	-	-	-	-	-	-	2,222.0
Environmental and Solid Waste Mandate Reserves	01M	102.0	154.8	1,250.0	1,404.8	-	-	-	-	1,404.8	-	1,506.8
Capital Agreements Fund	13	-	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,000.0
Pima County Contributions	13P	400.0	-	-	-	-	-	-	-	-	-	400.0
Water Quality Assurance Revolving Fund	13W	-	-	3,100.0	3,100.0	-	-	-	-	3,100.0	-	3,100.0
1994 General Obligation Bonds Series A	36	3,416.5	-	-	-	-	-	-	-	-	-	3,416.5
1994 General Obligation Bonds Series B	37	1,015.2	-	-	-	-	-	-	-	-	-	1,015.2
1994 General Obligation Bonds Series E	44	4,367.9	1,431.6	-	1,431.6	200.0	99.0	-	-	1,730.6	-	6,098.5
1994 General Obligation Bonds - Series A Interest	36I	347.5	-	-	-	-	-	-	-	-	-	347.5
1994 General Obligation Bonds - Series B Interest	37I	129.2	-	-	-	-	-	-	-	-	-	129.2
1994 General Obligation Bonds - Series C Interest	42I	514.2	-	-	-	-	-	-	-	-	-	514.2
2000 General Obligation Bonds	40	850.0	620.0	750.0	1,370.0	1,360.0	2,521.0	689.0	410.0	6,350.0	-	7,200.0
Unfunded Requirements	100	-	-	-	-	1,250.0	1,500.0	550.0	550.0	3,850.0	150.0	4,000.0
TOTAL		13,364.5	2,206.4	6,100.0	8,306.4	2,810.0	4,120.0	1,239.0	960.0	17,435.4	150.0	30,949.9
Inflation Adjustment				-	-	82.0	236.5	106.0	108.0	532.5	21.0	553.5
Annual Operating Cost				-	810.0	810.0	930.0	930.0	930.0	4,410.0		

CAPITAL PROJECTS

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DEPARTMENT: Environmental Management (1085)						WARD: 2 START DATE: 7/95 END DATE: 6/06				PROJECT NUMBER: U315 ESTIMATED PROJECT COST DESIGN 1,016.5 RIGHT-OF-WAY - CONSTRUCTION 8,797.1 OTHER 22.5 INFLATION 204.0 PROJECT TOTAL 10,040.1		
PROJECT TITLE: Broadway-Pantano Remediation Site												
DESCRIPTION: Design and construct an interim groundwater containment sytem to control a two-mile long groundwater contamination plume. Modify full-scale landfill soil vapor extraction system as needed to reduce the source of contamination from the Broadway-Pantano Landfill. This project is mandated by the Arizona Department of Environmental Quality.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	110.1	-	-	-	-	-	-	-	-	-	110.1
Pima County Contributions	13P	400.0	-	-	-	-	-	-	-	-	-	400.0
Water Quality Assurance Revolving Fund	13W	-	-	3,100.0	3,100.0	-	-	-	-	3,100.0	-	3,100.0
1994 General Obligation Bonds Series A	36	741.2	-	-	-	-	-	-	-	-	-	741.2
1994 General Obligation Bonds Series E	44	1,463.8	-	-	-	-	-	-	-	-	-	1,463.8
2000 General Obligation Bonds	40	850.0	-	-	-	800.0	1,680.0	585.0	310.0	3,375.0	-	4,225.0
TOTAL		3,565.1	-	3,100.0	3,100.0	800.0	1,680.0	585.0	310.0	6,475.0	-	10,040.1
INFLATION ADJUSTMENT:						23.0	96.0	50.0	35.0	204.0	-	204.0
ANNUAL OPERATING COST:						200.0	200.0	200.0	200.0	1,000.0		

DEPARTMENT: Environmental Management (1085)						WARD: Citywide START DATE: 1/97 END DATE: 6/06				PROJECT NUMBER: U116 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 2,172.0 INFLATION 78.0 PROJECT TOTAL 2,250.0		
PROJECT TITLE: Comprehensive City Landfill Groundwater Investigation/Remediation Program												
DESCRIPTION: Characterize and investigate potential soil and groundwater impacts at 23 City of Tucson landfills as requested by Mayor and Council. Remediation of contaminated sites will be completed as required.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	167.4	-	-	-	-	-	-	-	-	-	167.4
Environmental and Solid Waste Mandate Reserves	01M	102.0	154.8	500.0	654.8	-	-	-	-	654.8	-	756.8
1994 General Obligation Bonds Series A	36	55.1	-	-	-	-	-	-	-	-	-	55.1
1994 General Obligation Bonds Series E	44	-	20.7	-	20.7	-	-	-	-	20.7	-	20.7
Unfunded Requirements	100	-	-	-	-	500.0	250.0	250.0	250.0	1,250.0	-	1,250.0
TOTAL		324.5	175.5	500.0	675.5	500.0	250.0	250.0	250.0	1,925.5	-	2,250.0
INFLATION ADJUSTMENT:						15.0	14.0	21.0	28.0	78.0	-	78.0
ANNUAL OPERATING COST:						-	-	-	-	-		

CAPITAL PROJECTS

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DEPARTMENT: Environmental Management (1085)							WARD: 4 START DATE: 7/95 END DATE: 6/04				PROJECT NUMBER: U316 ESTIMATED PROJECT COST DESIGN 165.6 RIGHT-OF-WAY - CONSTRUCTION 1,767.0 OTHER 242.8 INFLATION 4.0 PROJECT TOTAL 2,179.4		
PROJECT TITLE: Harrison Landfill Groundwater Remediation													
DESCRIPTION: Construct a groundwater treatment system to control a volatile organic compound groundwater plume extending northwest from the Harrison Landfill. Modify existing deep soil vapor extraction system as needed. This project is mandated by the Arizona Department of Environmental Quality.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
General Fund	01	204.6	-	-	-	-	-	-	-	-	-	204.6	
1994 General Obligation Bonds Series A	36	537.8	-	-	-	-	-	-	-	-	-	537.8	
1994 General Obligation Bonds Series B	37	199.9	-	-	-	-	-	-	-	-	-	199.9	
1994 General Obligation Bonds Series E	44	490.2	50.0	-	50.0	-	-	-	-	50.0	-	540.2	
1994 General Obligation Bonds - Series C Interest	42I	296.9	-	-	-	-	-	-	-	-	-	296.9	
2000 General Obligation Bonds	40	-	250.0	50.0	300.0	60.0	40.0	-	-	400.0	-	400.0	
TOTAL		1,729.4	300.0	50.0	350.0	60.0	40.0	-	-	450.0	-	2,179.4	
INFLATION ADJUSTMENT:						2.0	2.0	-	-	4.0	-	4.0	
ANNUAL OPERATING COST:						100.0	100.0	100.0	100.0	500.0			

DEPARTMENT: Environmental Management (1085)							WARD: 5 START DATE: 7/95 END DATE: 6/04				PROJECT NUMBER: U313 ESTIMATED PROJECT COST DESIGN 8.2 RIGHT-OF-WAY 5.6 CONSTRUCTION 3,814.8 OTHER - INFLATION 21.5 PROJECT TOTAL 3,850.1		
PROJECT TITLE: Los Reales Landfill Groundwater Remediation													
DESCRIPTION: Expansion and modification of existing groundwater pump and treat system at the Los Reales Landfill. This project is mandated by the Arizona Department of Environmental Quality.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
General Fund	01	244.2	-	-	-	-	-	-	-	-	-	244.2	
1994 General Obligation Bonds Series A	36	1,032.7	-	-	-	-	-	-	-	-	-	1,032.7	
1994 General Obligation Bonds Series E	44	775.2	520.9	-	520.9	-	-	-	-	520.9	-	1,296.1	
1994 General Obligation Bonds - Series A Interest	36I	347.5	-	-	-	-	-	-	-	-	-	347.5	
1994 General Obligation Bonds - Series C Interest	42I	179.6	-	-	-	-	-	-	-	-	-	179.6	
2000 General Obligation Bonds	40	-	-	200.0	200.0	-	-	-	-	200.0	-	200.0	
Unfunded Requirements	100	-	-	-	-	350.0	200.0	-	-	550.0	-	550.0	
TOTAL		2,579.2	520.9	200.0	720.9	350.0	200.0	-	-	1,270.9	-	3,850.1	
INFLATION ADJUSTMENT:						10.0	11.5	-	-	21.5	-	21.5	
ANNUAL OPERATING COST:						200.0	200.0	200.0	200.0	1,000.0			

CAPITAL PROJECTS

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DEPARTMENT: Environmental Management (1085)						WARD: 5 START DATE: 7/01 END DATE: 6/06				PROJECT NUMBER: U300		
PROJECT TITLE: Los Reales Landfill Westside Remediation										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a soil vapor extraction/air injection system to remove groundwater contamination detected on the westside of Los Reales Landfill. This project is mandated by the Arizona Department of Environmental Quality.										DESIGN 557.0 RIGHT-OF-WAY - CONSTRUCTION 750.0 OTHER - INFLATION 43.0 PROJECT TOTAL 1,350.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Environmental and Solid Waste Mandate Reserves	01M	-	-	750.0	750.0	-	-	-	-	750.0	-	750.0
Unfunded Requirements	100	-	-	-	-	150.0	150.0	150.0	150.0	600.0	-	600.0
TOTAL		-	-	750.0	750.0	150.0	150.0	150.0	150.0	1,350.0	-	1,350.0
INFLATION ADJUSTMENT:						4.0	9.0	13.0	17.0	43.0	-	43.0
ANNUAL OPERATING COST:						120.0	120.0	120.0	120.0	600.0		

DEPARTMENT: Environmental Management (1085)						WARD: 5 START DATE: 7/92 END DATE: 6/06				PROJECT NUMBER: U101		
PROJECT TITLE: Price Service Center Remediation										ESTIMATED PROJECT COST		
DESCRIPTION: Implement expanded soil and groundwater remediation systems at Price Service Center offsite areas as mandated by the Arizona Department of Environmental Quality.										DESIGN 3,108.1 RIGHT-OF-WAY 0.1 CONSTRUCTION 2,946.6 OTHER 4.1 INFLATION 55.0 PROJECT TOTAL 6,113.9		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	1,495.7	-	-	-	-	-	-	-	-	-	1,495.7
Capital Agreements Fund	13	-	-	1,000.0	1,000.0	-	-	-	-	1,000.0	-	1,000.0
1994 General Obligation Bonds Series A	36	788.8	-	-	-	-	-	-	-	-	-	788.8
1994 General Obligation Bonds Series B	37	576.6	-	-	-	-	-	-	-	-	-	576.6
1994 General Obligation Bonds Series E	44	309.6	540.0	-	540.0	200.0	99.0	-	-	839.0	-	1,148.6
1994 General Obligation Bonds - Series B Interest	37I	129.2	-	-	-	-	-	-	-	-	-	129.2
2000 General Obligation Bonds	40	-	370.0	-	370.0	-	401.0	104.0	100.0	975.0	-	975.0
TOTAL		3,299.9	910.0	1,000.0	1,910.0	200.0	500.0	104.0	100.0	2,814.0	-	6,113.9
INFLATION ADJUSTMENT:						6.0	29.0	9.0	11.0	55.0	-	55.0
ANNUAL OPERATING COST:						50.0	50.0	50.0	50.0	250.0		

CAPITAL PROJECTS

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DEPARTMENT: Environmental Management (1085)						WARD: 1 START DATE: 7/95 END DATE: 6/04				PROJECT NUMBER: U314 ESTIMATED PROJECT COST DESIGN 219.2 RIGHT-OF-WAY - CONSTRUCTION 3,292.7 OTHER 16.5 INFLATION 38.0 PROJECT TOTAL 3,566.4			
PROJECT TITLE: Silverbell Jail Annex Landfill													
DESCRIPTION: Remedial action to remove volatile organic compounds from groundwater at the closed Silverbell Jail Annex Landfill. This project is mandated by the Arizona Department of Environmental Quality and is included on the State Registry for remedial sites. Implement full-scale groundwater remedy and modify full-scale remediation system as needed to remove source.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
1994 General Obligation Bonds Series A	36	260.9	-	-	-	-	-	-	-	-	-	260.9	
1994 General Obligation Bonds Series B	37	238.7	-	-	-	-	-	-	-	-	-	238.7	
1994 General Obligation Bonds Series E	44	1,329.1	300.0	-	300.0	-	-	-	-	300.0	-	1,629.1	
1994 General Obligation Bonds - Series C Interest	42I	37.7	-	-	-	-	-	-	-	-	-	37.7	
2000 General Obligation Bonds	40	-	-	500.0	500.0	500.0	400.0	-	-	1,400.0	-	1,400.0	
TOTAL		1,866.4	300.0	500.0	800.0	500.0	400.0	-	-	1,700.0	-	3,566.4	
INFLATION ADJUSTMENT:						15.0		23.0		38.0		38.0	
ANNUAL OPERATING COST:						140.0		140.0		700.0			

DEPARTMENT: Environmental Management (1085)						WARD: 1 START DATE: 7/02 END DATE: 6/07				PROJECT NUMBER: U301 ESTIMATED PROJECT COST DESIGN - RIGHT-OF-WAY - CONSTRUCTION 1,490.0 OTHER - INFLATION 110.0 PROJECT TOTAL 1,600.0			
PROJECT TITLE: Tumamoc Landfill Investigation													
DESCRIPTION: Investigate groundwater conditions at the Tumamoc Landfill, including a geophysical investigation of the landfill and installation of three downgradient groundwater monitoring wells. Installation of a deep soil vapor extraction/air injection system may be required.													
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
Unfunded Requirements	100	-	-	-	-	250.0	900.0	150.0	150.0	1,450.0	150.0	1,600.0	
TOTAL		-	-	-	-	250.0	900.0	150.0	150.0	1,450.0	150.0	1,600.0	
INFLATION ADJUSTMENT:						7.0		52.0		89.0		110.0	
ANNUAL OPERATING COST:						-		120.0		360.0			

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

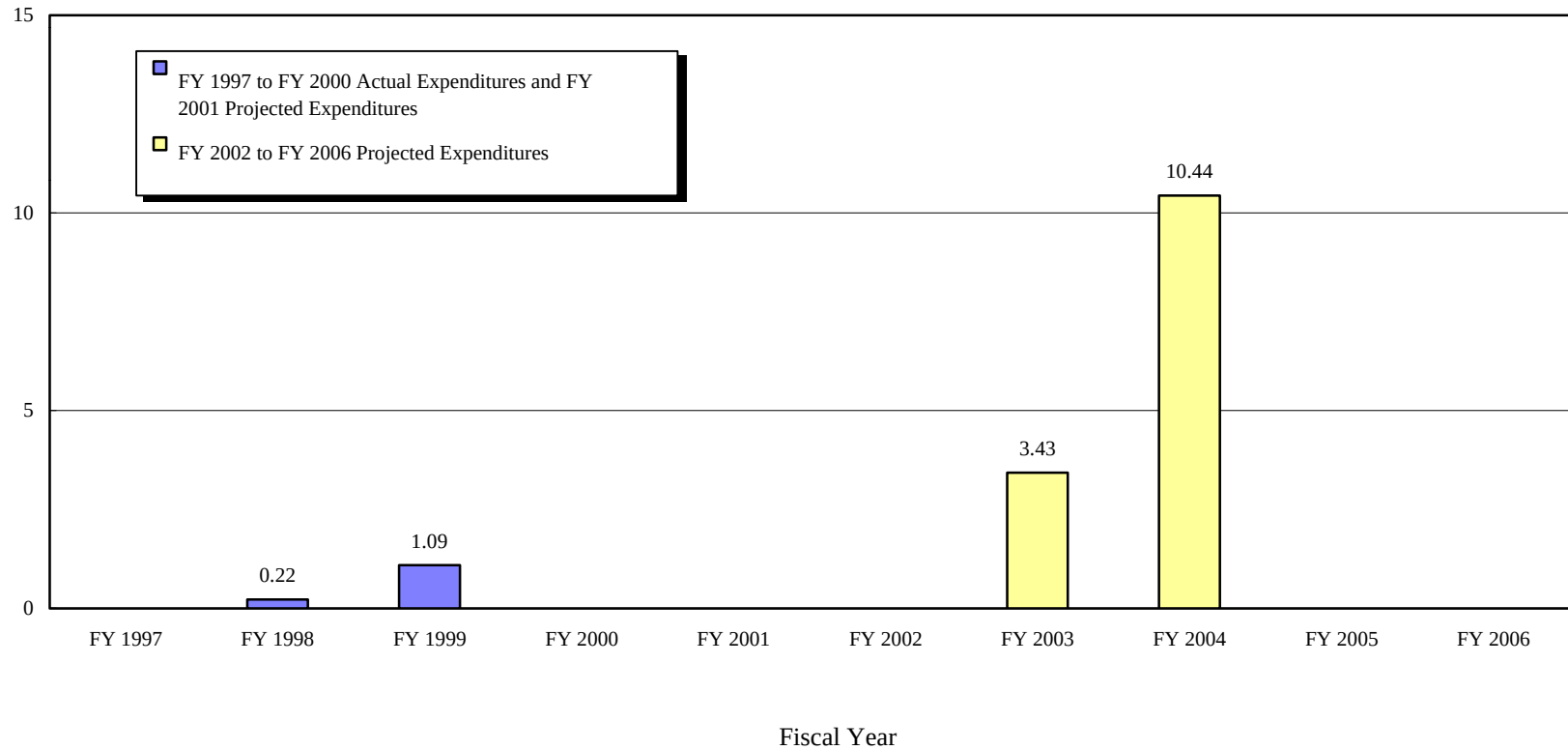
DEPARTMENT: Tucson Convention Center

FIVE-YEAR TOTAL: \$ 13,867,000

The Tucson Convention Center (TCC) is in need of continuous capital improvements to become and remain competitive and viable in the convention, trade show, and entertainment market. There are four unfunded projects listed in this proposed program:

- The Arena Bleachers project will replace the current obsolete riser system in the TCC arena. This is a matter of safety and comfort for the patrons attending events at the TCC. This change would also increase staff efficiency and patron satisfaction.
- The Music Hall Lighting project will increase the marketability of the center to theater and cultural groups. The current lighting is obsolete and will not adapt to the new demands and desires of the current public events.
- The New Meeting Rooms project would make the center more marketable to the larger convention and trade show industry; capacity limits are the number one complaint of the facility's convention clients.
- The New Parking Structure project would address the parking issues at the TCC and the public parking shortage in the downtown area. Recent surveys show that a major concern with the TCC is the shortage and location of patron parking.

**Capital Improvements
Ten-Year Comparison
Tucson Convention Center
(\$ Millions)**



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

DEPARTMENT

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
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PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Arena Bleachers	B - 372	-	-	-	-	773.0	-	-	-	773.0	-	773.0
Unfunded Requirements		-	-	-	-	773.0	-	-	-	773.0	-	773.0
Music Hall Lighting	B - 372	-	-	-	-	515.0	-	-	-	515.0	-	515.0
Unfunded Requirements		-	-	-	-	515.0	-	-	-	515.0	-	515.0
New Meeting Rooms	B - 373	-	-	-	-	226.0	3,967.0	-	-	4,193.0	-	4,193.0
Unfunded Requirements		-	-	-	-	226.0	3,967.0	-	-	4,193.0	-	4,193.0
New Parking Structure	B - 373	-	-	-	-	1,913.0	6,473.0	-	-	8,386.0	-	8,386.0
Unfunded Requirements		-	-	-	-	1,913.0	6,473.0	-	-	8,386.0	-	8,386.0
TOTAL		-	-	-	-	3,427.0	10,440.0	-	-	13,867.0	-	13,867.0
Source of Funds	Fund No.											
Unfunded Requirements	100	-	-	-	-	3,427.0	10,440.0	-	-	13,867.0	-	13,867.0
TOTAL		-	-	-	-	3,427.0	10,440.0	-	-	13,867.0	-	13,867.0
Inflation Adjustment				-	-	101.0	600.0	-	-	701.0	-	701.0
Annual Operating Cost				-	-	-	-	612.0	612.0	1,224.0		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Convention Center (1710)						WARD: 6 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: T110 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 750.0 INFLATION 23.0 PROJECT TOTAL 773.0		
PROJECT TITLE: Arena Bleachers DESCRIPTION: The current bleachers are fourteen years old and replacement parts are unavailable. New bleachers would enable us to configure better for patron comfort, maximizing revenue. New bleachers will also utilize less labor in set-up and tear-down.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	773.0	-	-	-	773.0	-	773.0
TOTAL			-	-	-	773.0	-	-	-	773.0	-	773.0
INFLATION ADJUSTMENT:						23.0	-	-	-	23.0	-	23.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Tucson Convention Center (1710)						WARD: 6 START DATE: 7/02 END DATE: 6/03				PROJECT NUMBER: T109 <u>ESTIMATED PROJECT COST</u> DESIGN - RIGHT-OF-WAY - CONSTRUCTION - OTHER 500.0 INFLATION 15.0 PROJECT TOTAL 515.0		
PROJECT TITLE: Music Hall Lighting DESCRIPTION: The lighting in the Music Hall is approximately thirty years old and must be updated to create high quality performance lighting to remain competitive in the industry.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	515.0	-	-	-	515.0	-	515.0
TOTAL			-	-	-	515.0	-	-	-	515.0	-	515.0
INFLATION ADJUSTMENT:						15.0	-	-	-	15.0	-	15.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Tucson Convention Center (1710)						WARD: 6 START DATE: 7/02 END DATE: 6/04				PROJECT NUMBER: T102		
PROJECT TITLE: New Meeting Rooms										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct 19 additional meeting rooms, and relocate the administrative and box offices. This project may be eligible for funding from the Rio Nuevo Multipurpose Facilities District.										DESIGN 219.0 RIGHT-OF-WAY - CONSTRUCTION 3,739.0 OTHER - INFLATION 235.0 PROJECT TOTAL 4,193.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	226.0	3,967.0	-	-	4,193.0	-	4,193.0
TOTAL		-	-	-	-	226.0	3,967.0	-	-	4,193.0	-	4,193.0
INFLATION ADJUSTMENT:						7.0	228.0	-	-	235.0	-	235.0
ANNUAL OPERATING COST:						-	-	575.0	575.0	1,150.0		

DEPARTMENT: Tucson Convention Center (1710)						WARD: 6 START DATE: 7/02 END DATE: 6/04				PROJECT NUMBER: T106		
PROJECT TITLE: New Parking Structure										ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a 1,000-space parking garage behind the Music Hall to address increased parking needs for downtown and the Rio Nuevo development. This project may be eligible for funding from the Rio Nuevo Multipurpose Facilities District.										DESIGN 530.0 RIGHT-OF-WAY - CONSTRUCTION 7,162.0 OTHER 266.0 INFLATION 428.0 PROJECT TOTAL 8,386.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	1,913.0	6,473.0	-	-	8,386.0	-	8,386.0
TOTAL		-	-	-	-	1,913.0	6,473.0	-	-	8,386.0	-	8,386.0
INFLATION ADJUSTMENT:						56.0	372.0	-	-	428.0	-	428.0
ANNUAL OPERATING COST:						-	-	37.0	37.0	74.0		

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

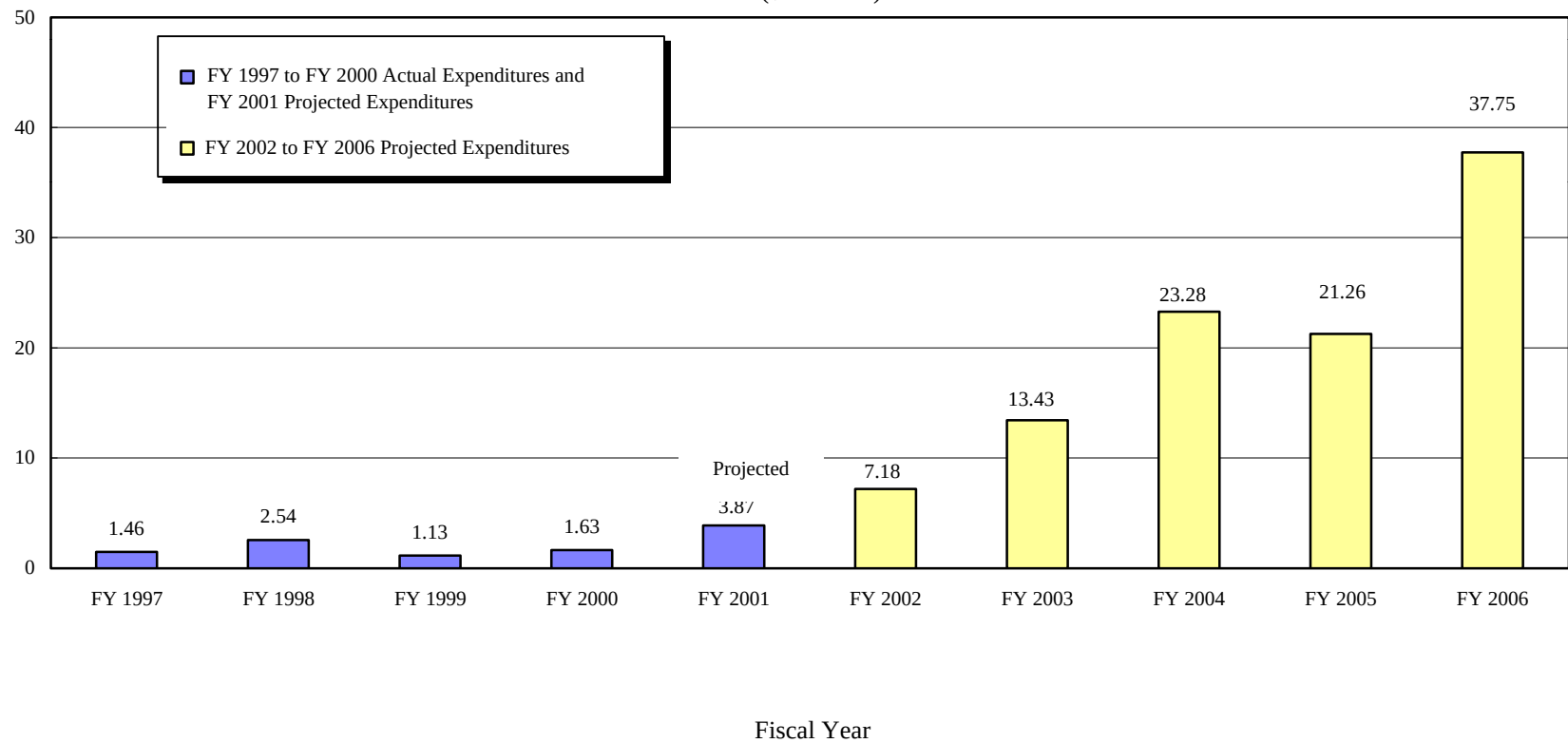
FY 2002 THROUGH FY 2006

DEPARTMENT: Operations

FIVE-YEAR TOTAL: \$ 102,905,800

The Department of Operations' Five-Year Capital Improvement Program (CIP) is comprised of the Buildings and Equipment program with seven projects and the American with Disabilities Act (ADA) program with three projects. The Buildings and Equipment program area totals \$102.56 million, \$23.72 million of which is unfunded. This program is critical for reducing routine building maintenance costs, addressing public safety communication needs, and providing a high level of service to city departments. The \$0.35 million for the ADA program completes \$8.00 million of citywide improvements to address the accessibility needs of persons with disabilities.

**Capital Improvements
Ten-Year Comparison
Operations**
(\$ Millions)



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

Operations
DEPARTMENT

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROGRAM AREA	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
		CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Building and Equipment	2,041.1	1,373.4	5,464.8	6,838.2	13,432.0	23,280.0	21,256.0	37,754.0	102,560.2	414.0	105,015.3
Americans with Disabilities Act	3,846.2	345.6	-	345.6	-	-	-	-	345.6	-	4,191.8
TOTAL	5,887.3	1,719.0	5,464.8	7,183.8	13,432.0	23,280.0	21,256.0	37,754.0	102,905.8	414.0	109,207.1
Source of Funds	Fund No.										
General Fund	01	4,796.1	1,719.0	300.0	2,019.0	-	-	-	-	-	6,815.1
General Fund - Debt Financing	01L	-	-	5,000.0	5,000.0	10,000.0	21,000.0	10,000.0	31,000.0	414.0	77,414.0
1984 General Obligation Bonds	46	1,091.2	-	164.8	164.8	-	-	-	-	-	1,256.0
Unfunded Requirements	100	-	-	-	-	3,432.0	2,280.0	11,256.0	6,754.0	-	23,722.0
TOTAL		5,887.3	1,719.0	5,464.8	7,183.8	13,432.0	23,280.0	21,256.0	37,754.0	414.0	109,207.1

Inflation Adjustment			-	-	419.0	1,330.0	1,806.0	4,211.0	7,766.0	56.5	7,822.5
Annual Operating Cost			-	-	110.0	116.0	430.0	430.0	1,086.0		

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Operations

FIVE-YEAR TOTAL: \$ 102,560,200

PROGRAM AREA: Buildings and Equipment

The Department of Operations' Building and Equipment program consists of seven projects totaling \$102.56 million.

The capital budget includes funding of \$78.84 million for the following four projects:

- \$0.30 million for the City Hall Annex Communications Equipment Room
- \$0.05 million for the Compressed Natural Gas Refueling Station
- \$78.20 million for the Emergency Communications System and Facility
- \$0.28 million for the Energy Management and Control System Upgrade

The remaining three projects totaling \$23.72 million of the program are unfunded. Unfunded projects would extend the existing Weld Shop and construct two, new multi-service centers.

Operations
DEPARTMENT

Building and Equipment
PROGRAM AREA

DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
City Hall Annex Communications Equipment Room	B - 380	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0
General Fund		-	-	300.0	300.0	-	-	-	-	300.0	-	300.0
Compressed Natural Gas Refueling Station	B - 380	199.7	54.2	-	54.2	-	-	-	-	54.2	-	253.9
General Fund		199.7	54.2	-	54.2	-	-	-	-	54.2	-	253.9
Emergency Communications System and Facility	B - 381	266.4	1,039.6	5,164.8	6,204.4	10,000.0	21,000.0	10,000.0	31,000.0	78,204.4	414.0	78,884.8
General Fund		266.4	1,039.6	-	1,039.6	-	-	-	-	1,039.6	-	1,306.0
General Fund - Debt Financing		-	-	5,000.0	5,000.0	10,000.0	21,000.0	10,000.0	31,000.0	77,000.0	414.0	77,414.0
1984 General Obligation Bonds		-	-	164.8	164.8	-	-	-	-	164.8	-	164.8
Energy Management and Control System Upgrade	B - 381	1,575.0	279.6	-	279.6	-	-	-	-	279.6	-	1,854.6
General Fund		545.0	279.6	-	279.6	-	-	-	-	279.6	-	824.6
1984 General Obligation Bonds		1,030.0	-	-	-	-	-	-	-	-	-	1,030.0
Extend South End of Building Two - Weld Shop	B - 382	-	-	-	-	38.0	314.0	-	-	352.0	-	352.0
Unfunded Requirements		-	-	-	-	38.0	314.0	-	-	352.0	-	352.0
Northwest Multi-Service Facility	B - 382	-	-	-	-	1,697.0	983.0	5,628.0	3,377.0	11,685.0	-	11,685.0
Unfunded Requirements		-	-	-	-	1,697.0	983.0	5,628.0	3,377.0	11,685.0	-	11,685.0
Southeast Multi-Service Facility	B - 383	-	-	-	-	1,697.0	983.0	5,628.0	3,377.0	11,685.0	-	11,685.0
Unfunded Requirements		-	-	-	-	1,697.0	983.0	5,628.0	3,377.0	11,685.0	-	11,685.0
TOTAL		2,041.1	1,373.4	5,464.8	6,838.2	13,432.0	23,280.0	21,256.0	37,754.0	102,560.2	414.0	105,015.3
Source of Funds	Fund No.											
General Fund	01	1,011.1	1,373.4	300.0	1,673.4	-	-	-	-	1,673.4	-	2,684.5
General Fund - Debt Financing	01L	-	-	5,000.0	5,000.0	10,000.0	21,000.0	10,000.0	31,000.0	77,000.0	414.0	77,414.0
1984 General Obligation Bonds	46	1,030.0	-	164.8	164.8	-	-	-	-	164.8	-	1,194.8
Unfunded Requirements	100	-	-	-	-	3,432.0	2,280.0	11,256.0	6,754.0	23,722.0	-	23,722.0
TOTAL		2,041.1	1,373.4	5,464.8	6,838.2	13,432.0	23,280.0	21,256.0	37,754.0	102,560.2	414.0	105,015.3
Inflation Adjustment				-	-	419.0	1,330.0	1,806.0	4,211.0	7,766.0	56.5	7,822.5
Annual Operating Cost				-	-	110.0	116.0	430.0	430.0	1,086.0		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Operations - Buildings and Equipment (4400)							WARD: 6				PROJECT NUMBER: B106		
PROJECT TITLE: City Hall Annex Communications Equipment Room							START DATE: 7/01				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct an internal room to protect communications equipment during demolition of the City Hall Annex and an aboveground room to house both the electrical and air conditioning (Heating Ventilation and Air Conditioning, HVAC) equipment to support the communications equipment. Temporary electrical and HVAC hookups will be provided during demolition. Permanent connections and a permanent building must be constructed to house the support equipment. The communications hub at this site must be in service at all times, because it houses the downtown fiber loop that supports city, county facilities, and courts. An alternative option is to relocate the hub to an undetermined location.							END DATE: 6/02				DESIGN 50.0 RIGHT-OF-WAY - CONSTRUCTION 250.0 OTHER - INFLATION - PROJECT TOTAL 300.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
General Fund	01	-	-	300.0	300.0	-	-	-	-	300.0	-	300.0	
TOTAL			-	300.0	300.0	-	-	-	-	300.0	-	300.0	
INFLATION ADJUSTMENT:							-				-		
ANNUAL OPERATING COST:							-				-		

DEPARTMENT: Operations - Buildings and Equipment (4400)							WARD: 2				PROJECT NUMBER: B805		
PROJECT TITLE: Compressed Natural Gas Refueling Station							START DATE: 7/99				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a compressed natural gas fueling station on the east side to continue the city's commitment to improving air quality and promoting use of domestically produced fuels, and to meet proposed federal regulations requiring increased use of alternative fuel vehicles.							END DATE: 6/02				DESIGN 89.6 RIGHT-OF-WAY - CONSTRUCTION 164.3 OTHER - INFLATION - PROJECT TOTAL 253.9		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT	
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006				
General Fund	01	199.7	54.2	-	54.2	-	-	-	-	54.2	-	253.9	
TOTAL			199.7	-	54.2	-	-	-	-	54.2	-	253.9	
INFLATION ADJUSTMENT:							-				-		
ANNUAL OPERATING COST:							-				-		
						-	-	110.0	110.0	110.0	110.0	440.0	

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Operations - Buildings and Equipment (4400)						WARD: Citywide START DATE: 7/99 END DATE: 6/07				PROJECT NUMBER: B801		
PROJECT TITLE: Emergency Communications System and Facility										ESTIMATED PROJECT COST		
DESCRIPTION: The existing radio system is 20 years old and needs replacement to ensure reliable communications for public safety/public service personnel. Many existing components can no longer be repaired or replaced in the event of a failure. In addition, new radio frequencies for system expansion mandate the purchase of new equipment. This project will replace the city's voice radio system (including the microwave network and added fiber optic links), communications dispatch facility, and the mobile data system used by the Fire Department. No land acquisition has been included in the project cost, because it is assumed that city-owned land will be used.										DESIGN 2,080.0 RIGHT-OF-WAY - CONSTRUCTION 30,914.8 OTHER 40,006.5 INFLATION 5,883.5 PROJECT TOTAL 78,884.8		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	266.4	1,039.6	-	1,039.6	-	-	-	-	1,039.6	-	1,306.0
General Fund - Debt Financing	01L	-	-	5,000.0	5,000.0	10,000.0	21,000.0	10,000.0	31,000.0	77,000.0	414.0	77,414.0
1984 General Obligation Bonds	46	-	-	164.8	164.8	-	-	-	-	164.8	-	164.8
TOTAL		266.4	1,039.6	5,164.8	6,204.4	10,000.0	21,000.0	10,000.0	31,000.0	78,204.4	414.0	78,884.8
INFLATION ADJUSTMENT:						320.0	1,200.0	850.0	3,457.0	5,827.0	56.5	5,883.5
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: Operations - Buildings and Equipment (4400)						WARD: Citywide START DATE: 7/99 END DATE: 6/02				PROJECT NUMBER: B804		
PROJECT TITLE: Energy Management and Control System Upgrade										ESTIMATED PROJECT COST		
DESCRIPTION: The Energy Management and Control System is an electronic control system used in the heating and cooling of all major facilities citywide. The existing system is no longer manufactured and parts are becoming unobtainable. It is estimated that within two years parts will no longer be available and the current system will become non-functional, resulting in higher energy use and potential impacts to public safety. Design work for the upgrade was completed in Fiscal Year 1999 using operating budget funding.										DESIGN - RIGHT-OF-WAY - CONSTRUCTION 1,854.6 OTHER - INFLATION - PROJECT TOTAL 1,854.6		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	545.0	279.6	-	279.6	-	-	-	-	279.6	-	824.6
1984 General Obligation Bonds	46	1,030.0	-	-	-	-	-	-	-	-	-	1,030.0
TOTAL		1,575.0	279.6	-	279.6	-	-	-	-	279.6	-	1,854.6
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Operations - Buildings and Equipment (4400)							WARD: 5				PROJECT NUMBER: B525		
PROJECT TITLE: Extend South End of Building Two - Weld Shop							START DATE: 7/02				ESTIMATED PROJECT COST		
DESCRIPTION: Design and construct a 2,025 square foot extension on the south side of the existing weld shop. The weld shop currently has room for only two pieces of equipment, which requires that work be performed outside with exposure to the elements or that equipment be moved in and out of the building on a daily basis.							END DATE: 6/04				DESIGN		

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Operations - Buildings and Equipment (4400)					WARD: 4 START DATE: 7/02 END DATE: 6/06					PROJECT NUMBER: B527		
PROJECT TITLE: Southeast Multi-Service Facility					ESTIMATED PROJECT COST					DESIGN 906.0 RIGHT-OF-WAY 1,648.0 CONSTRUCTION 7,210.0 OTHER 961.0 INFLATION 960.0 PROJECT TOTAL 11,685.0		
DESCRIPTION: Design and construct a 45,000 square foot multi-service facility in the southeast area of the city. This project would include a 20,000 square foot fleet maintenance facility, 20,000 square feet of office space, a fueling facility, and a wash rack. The project cost includes the purchase of fifteen acres of land and the required off-site access roads and related improvements. This project is undergoing review to include space requirements and infrastructure for other city departments.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Unfunded Requirements	100	-	-	-	-	1,697.0	983.0	5,628.0	3,377.0	11,685.0	-	11,685.0
TOTAL		-	-	-	-	1,697.0	983.0	5,628.0	3,377.0	11,685.0	-	11,685.0
INFLATION ADJUSTMENT:						49.0	56.0	478.0	377.0	960.0	-	960.0
ANNUAL OPERATING COST:					-	-	-	157.0	157.0	314.0		

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

DEPARTMENT: Operations

FIVE-YEAR TOTAL: \$ 345,600

PROGRAM AREA: Americans with Disabilities Act (ADA)

The Americans with Disabilities Act sets forth the requirement that state and local governments must remove architectural barriers from existing facilities when those barriers prevent persons with disabilities from participating in programs, services, or activities provided by the government. The ADA required the City of Tucson to survey all facilities, identify architectural barriers, and develop a plan to address the removal of these barriers. Not all facilities need to be accessible, but all programs, services, and activities must be accessible.

The ADA program is based on the architectural barriers identified during a comprehensive survey of city programs and facilities and the priorities recommended by the disability community, particularly the Commission on Disability Issues. The \$0.35 million budget consists of three projects that will complete the \$8.00 million of citywide ADA improvements for the City of Tucson. The projects are scheduled for completion in Fiscal Year 2002. Previous expenditures provided improvements to City Hall, City Hall Annex, Eastside City Hall, Tucson Convention Center, City Court, neighborhood and recreation centers, and swimming pools during the past seven years (not all expenditures for these improvements are included in the Prior Year(s) column of the following tables).

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
ADA Modifications to City-Owned Leased Facilities	B - 386	322.6	28.4	-	28.4	-	-	-	-	28.4	-	351.0
General Fund		322.6	28.4	-	28.4	-	-	-	-	28.4	-	351.0
ADA Modifications to Parks	B - 386	2,396.9	281.5	-	281.5	-	-	-	-	281.5	-	2,678.4
General Fund		2,335.7	281.5	-	281.5	-	-	-	-	281.5	-	2,617.2
1984 General Obligation Bonds		61.2	-	-	-	-	-	-	-	-	-	61.2
ADA Modifications to Parks	B - 387	1,048.2	35.7	-	35.7	-	-	-	-	35.7	-	1,083.9
General Fund		1,048.2	35.7	-	35.7	-	-	-	-	35.7	-	1,083.9
TOTAL		3,767.7	345.6	-	345.6	-	-	-	-	345.6	-	4,113.3
Source of Funds	Fund No.											
General Fund	01	3,706.5	345.6	-	345.6	-	-	-	-	345.6	-	4,052.1
1984 General Obligation Bonds	46	61.2	-	-	-	-	-	-	-	-	-	61.2
TOTAL		3,767.7	345.6	-	345.6	-	-	-	-	345.6	-	4,113.3
Inflation Adjustment				-	-	-	-	-	-	-	-	-
Annual Operating Cost				-	-	-	-	-	-	-	-	-

CAPITAL PROJECTS

(\$000)

DEPARTMENT: Operations - Americans with Disabilities Act (4500)						WARD: Citywide START DATE: 7/98 END DATE: 6/02				PROJECT NUMBER: TAB2 ESTIMATED PROJECT COST DESIGN 35.0 RIGHT-OF-WAY - CONSTRUCTION 281.0 OTHER 35.0 INFLATION - PROJECT TOTAL 351.0		
PROJECT TITLE: ADA Modifications to City-Owned Leased Facilities												
DESCRIPTION: Modify public restrooms, elevators, drinking fountains, and paths of travel in city-owned facilities. Install wider doors, automatic door openers, signage, ramps, and purchase assistive listening equipment.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	322.6	28.4	-	28.4	-	-	-	-	28.4	-	351.0
TOTAL			322.6	28.4	28.4	-	-	-	-	28.4	-	351.0
INFLATION ADJUSTMENT: -												
ANNUAL OPERATING COST: -												

DEPARTMENT: Operations - Americans with Disabilities Act (4500)						WARD: Citywide START DATE: 7/95 END DATE: 6/02				PROJECT NUMBER: TAR4 ESTIMATED PROJECT COST DESIGN 271.8 RIGHT-OF-WAY - CONSTRUCTION 2,406.6 OTHER - INFLATION - PROJECT TOTAL 2,678.4		
PROJECT TITLE: ADA Modifications to Parks												
DESCRIPTION: Install handicap parking and accessible pathways in outdoor areas, modify or install new accessible comfort stations, and provide wheelchair accessibility to water fountains, picnic areas, and play areas.												
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	2,335.7	281.5	-	281.5	-	-	-	-	281.5	-	2,617.2
1984 General Obligation Bonds	46	61.2	-	-	-	-	-	-	-	-	-	61.2
TOTAL			2,396.9	281.5	281.5	-	-	-	-	281.5	-	2,678.4
INFLATION ADJUSTMENT: -												
ANNUAL OPERATING COST: -												

CAPITAL PROJECTS
(\$000)

DEPARTMENT: Operations - Americans with Disabilities Act (4500) PROJECT TITLE: ADA Modifications to Parks DESCRIPTION: Install accessible play equipment and provide surfaces for wheelchair access in various neighborhood parks.						WARD: Citywide START DATE: 7/95 END DATE: 6/02				PROJECT NUMBER: TAR5 ESTIMATED PROJECT COST DESIGN 31.8 RIGHT-OF-WAY - CONSTRUCTION 1,052.1 OTHER 0.0 INFLATION - PROJECT TOTAL 1,083.9		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund	01	1,048.2	35.7	-	35.7	-	-	-	-	35.7	-	1,083.9
TOTAL		1,048.2	35.7	-	35.7	-	-	-	-	35.7	-	1,083.9
INFLATION ADJUSTMENT:						-	-	-	-	-	-	-
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

**DEPARTMENT CAPITAL IMPROVEMENT PROGRAM
STATEMENT**

FY 2002 THROUGH FY 2006

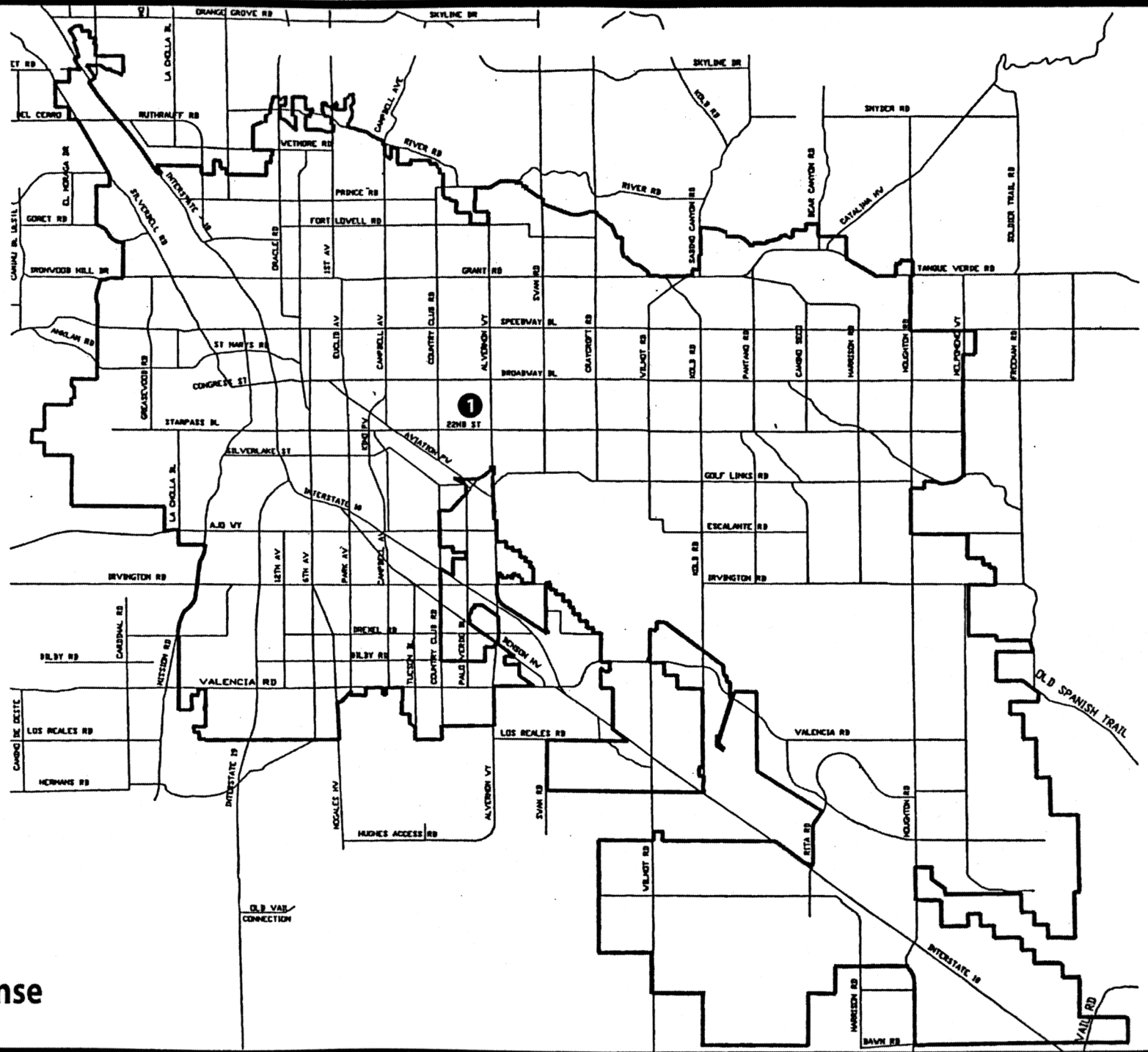
DEPARTMENT: General Expense

FIVE-YEAR TOTAL: \$ 79,153,700

The General Expense Capital Improvement Program includes funding for three projects: Midtown Multipurpose Facility, Building Facilities Project, and the Renovation or Relocation of Council Chambers. The Midtown Multipurpose Facility to be located at 22nd Street and Alvernon Way has funding of \$9,881,700 from general obligation bonds, certificates of participation, and general fund reserves. The Midtown Multipurpose Facility will house a police substation and other police activities, a fingerprinting service, a customer service desk, and meeting rooms for public use. The Renovation or Relocation of Council Chambers, either in the existing location or another location to yet be determined, has funding of \$3,272,000 from certificates of participation. The Building Facilities Project has budget capacity of \$66,000,000 for future facilities.



This artist rendering depicts the Midtown Multipurpose Facility that is being constructed at 22nd Street and Alvernon Way. The facility will include a police substation, public meeting rooms, and a customer service desk.



General Expense

CAPITAL PROJECTS LOCATIONS

General Expense

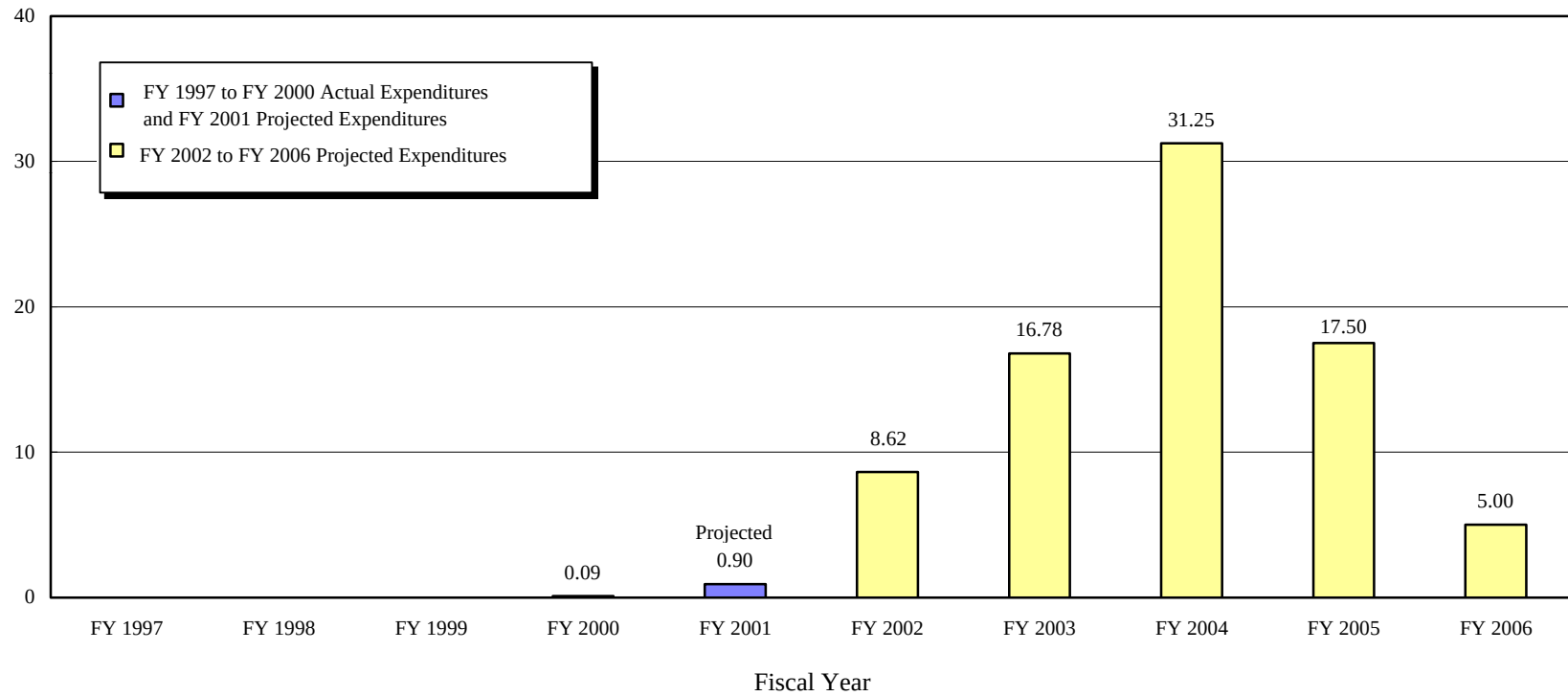
Project Name

Year to be
Completed

1. Midtown Multipurpose Facility

FY 2003

**Capital Improvements
Ten-Year Comparison
General Expense**
(\$ Millions)



Note: Expenditures prior to Fiscal Year 2002 include completed projects which are not reflected in the Prior Year(s) columns of the department summaries.

General Expense

DEPARTMENT

**DEPARTMENT CAPITAL PROGRAM FINANCIAL SUMMARY
FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM
(\$000)**

PROJECT NAME/FUND	PAGE NUMBER	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
Building Facilities Projects	B - 394	-	1,500.0	-	1,500.0	10,750.0	31,250.0	17,500.0	5,000.0	66,000.0	-	66,000.0
General Fund - Certificates of Participation		-	1,500.0	-	1,500.0	10,750.0	31,250.0	17,500.0	5,000.0	66,000.0	-	66,000.0
Midtown Multipurpose Facility	B - 394	994.9	3,780.1	3,020.6	6,800.7	3,081.0	-	-	-	9,881.7	-	10,876.6
General Fund - Restricted Trust Reserves		-	2,975.0	2,644.0	5,619.0	381.0	-	-	-	6,000.0	-	6,000.0
General Fund - Certificates of Participation		-	-	376.6	376.6	2,700.0	-	-	-	3,076.6	-	3,076.6
General Obligation Bond Funds		994.9	805.1	-	805.1	-	-	-	-	805.1	-	1,800.0
Renovation/Relocation of Council Chambers	B - 395	-	-	320.0	320.0	2,952.0	-	-	-	3,272.0	-	3,272.0
General Fund - Certificates of Participation		-	-	320.0	320.0	2,952.0	-	-	-	3,272.0	-	3,272.0
TOTAL		994.9	5,280.1	3,340.6	8,620.7	16,783.0	31,250.0	17,500.0	5,000.0	79,153.7	-	80,148.6
Source of Funds	Fund No.											
General Fund - Restricted Trust Reserves	01N	-	2,975.0	2,644.0	5,619.0	381.0	-	-	-	6,000.0	-	6,000.0
General Fund - Certificates of Participation	01V	-	1,500.0	696.6	2,196.6	16,402.0	31,250.0	17,500.0	5,000.0	72,348.6	-	72,348.6
General Obligation Bond Funds	39	994.9	805.1	-	805.1	-	-	-	-	805.1	-	1,800.0
TOTAL		994.9	5,280.1	3,340.6	8,620.7	16,783.0	31,250.0	17,500.0	5,000.0	79,153.7	-	80,148.6
Inflation Adjustment				-	-	488.6	1,794.0	1,485.0	558.0	4,325.6	-	4,325.6
Annual Operating Cost				-	-	-	-	-	-	-		

CAPITAL PROJECTS

(\$000)

DEPARTMENT: General Expense (1895) PROJECT TITLE: Building Facilities Projects DESCRIPTION: Capacity for future building facilities projects.						WARD: Citywide START DATE: 7/01 END DATE: 6/06				PROJECT NUMBER: N101 <u>ESTIMATED PROJECT COST</u> DESIGN 1,653.0 RIGHT-OF-WAY - CONSTRUCTION 60,197.0 OTHER - INFLATION 4,150.0 PROJECT TOTAL 66,000.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund - Certificates of Participation	01V	-	1,500.0	-	1,500.0	10,750.0	31,250.0	17,500.0	5,000.0	66,000.0	-	66,000.0
TOTAL		-	1,500.0	-	1,500.0	10,750.0	31,250.0	17,500.0	5,000.0	66,000.0	-	66,000.0
INFLATION ADJUSTMENT:						313.0	1,794.0	1,485.0	558.0	4,150.0	-	4,150.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

DEPARTMENT: General Expense (1895) PROJECT TITLE: Midtown Multipurpose Facility DESCRIPTION: Design and construct a new 43,000 square foot joint-use facility that will include a new police substation and the relocation of additional downtown police functions to a more centralized location, miscellaneous office space, a public meeting room, and cashiers for the Finance Department and the Tucson Convention Center. This facility is part of the city's commitment to the use of multiservice centers whenever possible. The operating cost impact of the project is still under review.						WARD: 6 START DATE: 7/99 END DATE: 12/02				PROJECT NUMBER: N102 <u>ESTIMATED PROJECT COST</u> DESIGN 1,340.0 RIGHT-OF-WAY - CONSTRUCTION 7,388.2 OTHER 2,058.8 INFLATION 89.6 PROJECT TOTAL 10,876.6		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund - Restricted Trust Reserves	01N	-	2,975.0	2,644.0	5,619.0	381.0	-	-	-	6,000.0	-	6,000.0
General Fund - Certificates of Participation	01V	-	-	376.6	376.6	2,700.0	-	-	-	3,076.6	-	3,076.6
General Obligation Bond Funds	39	994.9	805.1	-	805.1	-	-	-	-	805.1	-	1,800.0
TOTAL		994.9	3,780.1	3,020.6	6,800.7	3,081.0	-	-	-	9,881.7	-	10,876.6
INFLATION ADJUSTMENT:						89.6	-	-	-	89.6	-	89.6
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

CAPITAL PROJECTS
(\$000)

DEPARTMENT: General Expense (1895) PROJECT TITLE: Renovation/Relocation of Council Chambers DESCRIPTION: Expand, renovate, or relocate the Mayor and Council chambers to accommodate changing needs. Expansion must provide for new seating areas, dais, audio-visual capabilities, meeting rooms, space for staff and the media, and public spaces. Modifications may be made to the space currently occupied by the Finance Department's Revenue Investigations Section and the Procurement Department's Architects and Engineering Contracts Division, and to the exterior canopy of City Hall. Relocation of council chambers to another location will also be considered.						WARD: 1 START DATE: 7/01 END DATE: 6/03				PROJECT NUMBER: N103 <u>ESTIMATED PROJECT COST</u> DESIGN 320.0 RIGHT-OF-WAY - CONSTRUCTION 2,866.0 OTHER - INFLATION 86.0 PROJECT TOTAL 3,272.0		
SOURCE OF FUNDS	FUND NO.	PRIOR YEAR(S)	ADOPTED FISCAL YEAR 2002			PROJECTED REQUIREMENTS				FIVE YEAR TOTAL	FUTURE YEARS	TOTAL PROJECT
			CARRY FORWARD	NEW FUNDING	YEAR 1 TOTAL	YEAR 2 FY 2003	YEAR 3 FY 2004	YEAR 4 FY 2005	YEAR 5 FY 2006			
General Fund - Certificates of Participation	01V	-	-	320.0	320.0	2,952.0	-	-	-	3,272.0	-	3,272.0
TOTAL		-	-	320.0	320.0	2,952.0	-	-	-	3,272.0	-	3,272.0
INFLATION ADJUSTMENT:						86.0	-	-	-	86.0	-	86.0
ANNUAL OPERATING COST:						-	-	-	-	-	-	-

