

GENERAL OBLIGATION BONDS

	<u>Available Authorization</u>	<u>Proposed Sale</u>	<u>Remaining Authorization</u>
Police	\$ 16,655,000	\$ 8,410,000	\$ 8,245,000
Fire	13,169,000	9,460,000	3,709,000
Parks	7,635,000	0	7,635,000
Storm Sewer	25,188,000	3,235,000	21,953,000
Library	<u>9,404,000</u>	<u>1,460,000</u>	<u>7,944,000</u>
G.O. Total	\$ 72,051,000	\$ 22,565,000	\$ 49,486,000

REVENUE BONDS

	<u>Available Authorization</u>	<u>Proposed Sale</u>	<u>Remaining Authorization</u>
Gas	\$ 5,700,000	\$ 5,005,000	\$ 695,000
Water	78,882,000	24,995,000	53,887,000
Wastewater	29,890,000	19,440,000	10,450,000
Solid Waste	<u>9,315,000</u>	<u>1,030,000</u>	<u>8,285,000</u>
Utility Revenue Total	123,787,000	50,470,000	73,317,000
Street & Hwy Rev Total	<u>48,365,000</u>	<u>26,805,000</u>	<u>21,560,000</u>
Grand Total (All Bonds)	\$ 244,203,000	\$ 99,840,000	\$ 144,363,000

Attached is a listing of the projects to be funded with the proceeds of the Series 2003 bond issues (Attachment No. 1). If a referenced project is to be accomplished over multiple years, the dollar amounts shown do not include the total cost of such project. The amounts shown on Attachment No. 1 pertain only to the expenditures budgeted for fiscal year 2002/03.

Alternatives

The Finance Committee may choose not to proceed with the sale of the proposed bond issues at this time and the City could utilize available fund balances to pay for a portion of the capital projects discussed above. This is not recommended, however, as such action would exhaust the City's fund balances during the course of the current fiscal year and prevent completion of certain of the proposed projects.

FY 02/03 - Bond Project Dollar Allocation by District

	<u>Amount</u>	<u>Percent of Total</u>
District 1	\$4,454,771	4%
District 2	\$12,278,045	12%
District 3	\$1,015,604	1%
District 4	\$10,515,622	11%
District 5	\$29,644,269	30%
District 6	\$18,868,935	19%
Citywide	\$23,040,595	23%
Total Bond Project Dollars	<u>\$99,817,841</u>	

FY 2002/2003 Bond Sale

*Asterisk denotes projects that are currently in construction phase and are contractually/financially obligated. Maintenance costs shown are anticipated to begin in FY 03/04 for projects that are currently in design phase.

Estimated Operation and Maintenance Costs for First Full Year of Operation

GAS BONDS

* High Pressure Gas Main-Transit Maintenance Facility	\$1,091,977	\$8,300
Gas Line Extensions and Replacement	\$1,953,452	\$4,800
* Ellsworth Sewer Line, Abode to University	\$22,000	
* Val Vista, McDowell to South Canal	\$50,000	
* Thomas Rd, Red Mountain Freeway to Recker Rd	\$95,000	
* Higley, Thomas Rd to Red Mountain Freeway	\$100,000	
Gas Line for CAP Water Treatment Plant Expansion	\$45,000	\$1,000
Remote Telemetry Units for SCADA System	\$250,000	N/A
Land Acq. - Future Gate Stations in Magma Area	\$407,519	N/A
* Mobile Home Park Gas Line Replacement	\$268,705	
* Sub-gate #1, #2; Gas lines Center Street & Freeway	\$230,625	
<i>Remaining balance in program is denoted as parentheses and deficit as positive. Available cash balance as of 11/30/02.</i>		
	<u>\$487,157</u>	
Total	\$5,001,435	\$14,100

WATER BONDS

* Val Vista Dr, McKellips to Red Mountain Freeway	\$150,000	
* Thomas Rd, Recker Rd to Desert Well #1	\$903,000	
* McDowell Rd, Widening Higley to Power	\$425,000	
* McDowell Rd, Lehi to Greenfield	\$65,000	
* Higley Road, Thomas to Red Mountain Freeway	\$192,000	
* Ellsworth Rd., Baseline to Broadway	\$1,330,000	
* Rehab of Range Rider and County Line #2 Reservoirs	\$395,896	
* Adobe Street, Recker to Power	\$1,950,000	
Expansion of CAP Water Treatment Plant	\$1,400,000	\$2,710,000
* Lindsay Reservoir Switch Gears	\$910,466	
Upgrade Electrical Equip @ 2 well sites	\$124,800	\$1,000
* CAP Desert Sage High Service Upgrade	\$159,200	
WGA Fire Protection System	\$885,000	\$4,109
* Rehab Desert Sage #9	\$559,911	
* Power Rd: McKellips to McDowell	\$339,924	
Land Acq. For Future South CAP WTP	\$4,182,394	N/A
County Line Reservoir Exp @ McLellan & Ellsworth	\$130,000	\$1,734
Gilbert Road/Harris, Southern/Hampton	\$55,981	\$1,000
Stapley Drive, Brown to McLellan	\$28,171	\$500
Range Rider Zone Pump Station and Reservoir Imps.	\$180,000	\$5,406
Desert Sage Zone Well #14 Drill	\$225,000	\$86,700
Falcon Well #17: Drill & Equip	\$34,400	\$86,700
Desert Wells#16: Drill & Equip	\$68,650	\$86,700
Water Meter Vault Rehab	\$107,850	N/A
Windsor Dr, Main To Broadway	\$259,079	\$1,000
Broadway Rd., Power to 72nd - Power from Broadway to Via Rossmore	\$50,000	\$1,500
Main Street, Sossaman to Hawes; Hawes Road, Main to Broadway	\$100,000	\$3,000
Broadway Road, Hawes to Ellsworth	\$175,000	\$1,000
Baseline Road, Ellsworth to Crismon	\$60,000	\$1,000
Southern Ave, 105th Pl to Signal Butte; Broadway, Crismon to CAP Canal	\$45,000	\$3,000
Mini Pressure Zone Pump Stations (2) in City Zone	\$220,000	\$3,000
* Baseline Rd, Home to Consolidated Canal	\$104,800	
City Well #10, Redrill & Equip	\$38,756	\$86,700
* Desert Well #3: Equip	\$470,122	
* Recker McDowell Booster Station Rehab	\$104,700	
* Desert Wells #11 & 12; Drill & Equip	\$540,483	

WATER BONDS (cont.)

* Country Life Subdivision: Alder Ave - Birchwood, 40th Street to 38th Street	\$440,000	
* Lindsay Transfer Station: Motor Control Centers (4)	\$40,000	
* Recker Rd, McDowell to Adobe	\$610,000	
* Val Vista Water Treatment Plant City Share of Multi-City Project	\$3,000,000	
Water Extensions & Oversized Mains	\$148,625	N/A
Design Next Fiscal Year Water Projects	\$200,000	N/A
Val Vista Low Lift Pump Station	\$1,006,228	\$4,109
Waterlines for Residential/Arterial Overlays	\$500,000	
RWCD Irrigation Ditch Replacement and Weir Structure	\$348,000	N/A
NWWRP Pump Station Improvements	\$1,163,649	
CMTF Water Meter Sales	\$47,150	N/A
* Miscellaneous Water Projects	\$28,545	
<i>Remaining balance in program is denoted as parentheses and deficit as positive. Available cash balance as of 11/30/02.</i>		
	<u>\$489,157</u>	
Total	\$24,991,937	\$3,088,158

WASTEWATER BONDS

* Val Vista Dr., McKellips to Red Mountain Freeway	\$520,000	
Pecos Rd., Power to Ellsworth	\$255,270	\$500
* McDowell Rd, Higley to Power	\$330,000	
New Sulfide Plant at Falcon Well #5	\$39,600	\$37,000
* Ellsworth Road, University to Baseline	\$1,185,000	
Sossaman Rd: Pecos to Velocity Way	\$14,435	\$500
* Noche De Paz Lift Station	\$585,354	
* Sewer Lift Station Rehab (Star Valley)	\$740,374	
South Water Reclamation Plant Exp, Phase II	\$1,760,000	\$950,000
* Greenfield Rd, McDowell to Adobe	\$2,000,000	\$1,500
WW Extension & Oversized Mains	\$403,153	N/A
McLellan Rd., Alma School to Country Club	\$50,000	\$500
Two New Sulfide Stations	\$132,200	\$77,000
Rehab Lift Station at Towne Meadows	\$232,000	N/A
Wastewater Trunkline: Southeast WRP to South WRP	\$280,000	\$5,000
Eastside Sulfide Plant at Ellsworth & Main	\$105,000	\$41,000
Hermosa Vista, RWCD to Val Vista	\$70,000	\$500
Rehab Baseline Rd Metering Station	\$20,000	N/A
Rehab WWL crossing US 60	\$75,000	N/A
* Northwest WRP Expansion and Pump Station	\$2,605,951	
* Baseline Rd: Horne to Consolidated Canal	\$45,000	
* Rehab Div Structures (Phase III): Horne/Baseline, Brdwy/56th St	\$642,500	
* 91st Ave. Wastewater Treatment Plan Upgrades: Mesa Share of SROG Multi-City Project	\$8,198,866	
* Rehab Div. Structures (Phase II): Don Carlos/Baseline; Power/Baseline; and SEWRP	\$540,500	
* Red Mountain Freeway Utility Crossings	\$377,630	
WW Service Extensions	\$67,000	N/A
Design Next Fiscal Year WW Projects	\$54,113	N/A
* Update Wastewater Master Plan	\$87,000	
* Southern Ave., Tempe Canal to Priest Dr	\$1,150,000	
* WGA WW Treatment Plant-Clean Closure	\$72,000	
<i>Remaining balance in program is denoted as parentheses and deficit as positive. Available cash balance as of 11/30/02.</i>		
	<u>(\$3,199,141)</u>	
Total	\$19,438,805	\$1,113,500

HIGHWAY USER REVENUE (STREET) BONDS

* Val Vista Dr., McKellips to Red Mountain Freeway (Phases I, II,)	\$5,349,627	\$68,750 (Phase II)
* General Impvs. to Frwy. Corridors	\$347,400	
* Thomas Rd., Red Mountain Freeway to Recker Rd	\$603,588	
* McDowell Rd., Higley to Power	\$3,049,133	
* Higley Rd., Thomas to Red Mountain Freeway	\$247,000	
* Gilbert Rd & UniversityDr. Intersection (Land Acq.)	\$2,500,000	N/A

HIGHWAY USER REVENUE (STREET) BONDS (cont.)

* Sossaman Rd: US 60 to Southern, Wall/Landscp Imp	\$305,000	
Hawes Rd TI Study - San Tan Freeway	\$75,000	N/A
* Transp Bldg Exp & Remdl - Transp Mgmt Center	\$2,672,177	
* Arterial/Residential Street Reconstruction	\$6,129,466	
* City Share Street Lighting	\$722,250	
* City's Share Streets	\$1,512,200	
* Bicycle Bridge at Pennington/Western Canal	\$100,000	
Install New and Upgrade Signals	\$529,600	
Various Arterial Street Impvs Crossing US 60	\$40,000	N/A
Construction of Velocity Way - WGA	\$675,000	N/A
Superstition Springs Frontage Rd	\$127,391	\$10,000
Gilbert Rd: McDowell to Thomas	\$500,000	\$20,625
Pecos Rd, Power to Ellsworth	\$315,000	\$90,000
Power Rd: Adobe to McDowell	\$281,000	\$41,250
Design Next Fiscal Year Projects	\$262,250	
* Country Life Subdiv: Alder Ave-Birchwood, 40th-38th	\$315,000	
* Miscellaneous Projects	\$200,000	
<i>Remaining balance in program is denoted as parentheses and deficit as positive. Available cash balance as of 11/30/02.</i>		
	<u>(\$55,684)</u>	
Total	\$26,802,398	\$161,875

POLICE BONDS

* Addition of 3rd Helicopter Aircraft	\$1,600,000	
* Public Safety Training Facility Phased Improvements	\$231,200	
New Falcon Police Substation	\$225,000	\$90,000
* 800 MHz Trunked Radio System Infrastructure	\$4,786,750	
* Evidence Freezer Refrigerator	\$20,800	
Police Technical Services Building - Phase I	\$600,000	\$451,000
* New Communications Bldg @ South WRP	\$300,000	
* Miscellaneous Projects	\$42,000	
<i>Remaining balance in program is denoted as parentheses and deficit as positive. Available cash balance as of 11/30/02.</i>		
	<u>\$601,762</u>	
Total	\$8,407,512	\$541,000

LIBRARY BONDS

* East Mesa Library Expansion	\$1,508,600	
<i>Remaining balance in program is denoted as parentheses and deficit as positive. Available cash balance as of 11/30/02.</i>		
	<u>(\$53,216)</u>	
Total	\$1,455,384	

FIRE BONDS

Fire Station # 202 Gate and Fence	\$39,937	N/A
* Fire Station # 201	\$5,677,000	
Fire Station # 218	\$207,709	\$52,000
* Station #217	\$1,466,229	
* Fire Department Washing Facility	\$3,600	
* Fire Station # 206 Expansion	\$1,352,288	
Pumper Trucks (Purchase)	\$792,674	\$10,844
Fire Station 210: Exp/Renovation	\$10,000	\$5,000
Optical Pre-emption & Emergency Traffic Signal Equip	\$150,000	\$30,000
* Test Pit at EMSC	\$95,000	
* Data Comm Infrastructure for Station 201	\$90,000	
* Miscellaneous Projects	\$8,000	
<i>Remaining balance in program is denoted as parentheses and deficit as positive. Available cash balance as of 11/30/02.</i>		
	<u>(\$433,372)</u>	
Total	\$9,459,065	\$97,844

STORM SEWER BONDS

* Val Vista Dr., McDowell to South Canal	\$250,000	
* McDowell Rd., Higley to Power	\$553,000	
* Higley Rd., Thomas to Red Mountain Freeway	\$50,000	
Ellsworth Rd., Baseline to Germann	\$300,000	\$1,000

STORM SEWER BONDS (cont.)

Elliot and Crismon Retention Basins & Elliot Channel, Crismon Rd. to Ellsworth Rd. (Land Acq.)	\$1,005,600	\$1,000
* Broadway Road: RWCD Canal to Power Road	\$50,000	
Power Rd., Adobe to McKellips	\$138,341	\$1,000
* Greenfield Road, McDowell Road to the Red Mountain Freeway	\$30,000	
Design Next Fiscal Years Storm Sewer Projects	\$187,000	N/A
Hawes Rd.Channel, Southern to Main	\$1,450,000	\$2,000
<i>Remaining balance in program is denoted as parentheses and deficit as positive. Available cash balance as of 11/30/02.</i>		
	<u>(\$779,246)</u>	
Total	\$3,234,695	\$5,000

SOLID WASTE BONDS

Solid Waste Building Expansion at 6th Street Service Center	\$556,950	\$15,000
* Miscellaneous Projects	\$235,000	
<i>Remaining balance in program is denoted as parentheses and deficit as positive. Available cash balance as of 11/30/02.</i>		
	<u>\$234,660</u>	
Total	\$1,026,610	\$15,000

Grand Total \$99,817,841 \$5,036,477

ATTACHMENT NO. 5

CITY OF MESA, ARIZONA
DEBT STRUCTURE

Fiscal Year Ending	Existing Debt										Sub- Total	2003 General Obligation Bonds	2003 Utility Revenue Bonds	2003 HURF Bonds	Total
	General Obligation	Utility Revenue	Highway User Revenue	Municipal Dev. Corp. (1)	Capital Leases (2)	Municipal Dev. Corp. (1)		Capital Leases (2)	Sub- Total	2003 General Obligation Bonds					
2003	35,271,457	26,694,308	3,420,838	3,064,070	8,691,058	3,064,070	3,064,070	8,691,058	77,141,731	376,083	841,167	446,750	78,805,731		
2004	9,340,724	32,204,959	3,699,105	5,095,050	8,001,295	5,095,050	5,095,050	8,001,295	58,341,133	1,128,250	2,523,500	1,340,250	63,333,133		
2005	9,549,311	17,636,659	3,793,305	4,424,050	7,252,499	4,424,050	4,424,050	7,252,499	42,655,824	1,128,250	2,523,500	1,340,250	47,647,824		
2006	9,761,239	17,654,334	3,790,268	4,778,050	6,681,419	4,778,050	4,778,050	6,681,419	42,665,310	1,128,250	2,523,500	1,340,250	47,657,310		
2007	9,765,579	17,640,769	3,791,555	5,207,800	3,337,937	5,207,800	5,207,800	3,337,937	39,743,640	1,128,250	2,523,500	1,340,250	44,735,640		
2008	26,007,466	35,991,871	3,792,355	5,607,175	3,113,221	5,607,175	5,607,175	3,113,221	74,512,088	1,128,250	2,523,500	1,340,250	79,504,088		
2009	32,520,572	22,843,315	6,167,642	1,729,983	1,944,299	1,729,983	1,729,983	1,944,299	65,205,811	1,128,250	2,523,500	1,340,250	70,197,811		
2010	29,916,323	25,366,115	8,483,893	1,898,667	121,671	1,898,667	1,898,667	121,671	65,786,669	2,378,250	3,493,500	1,845,250	73,503,669		
2011	21,418,585	33,856,565	8,518,892	2,029,000	121,671	2,029,000	2,029,000	121,671	65,944,713	2,315,750	3,475,000	1,815,000	73,550,463		
2012	10,806,848	44,953,077	8,627,393	1,374,000	121,671	1,374,000	1,374,000	121,671	65,882,989	2,503,250	3,425,000	1,790,000	73,601,239		
2013	10,735,157	45,274,790	8,482,892	937,333		937,333	937,333		65,430,172	2,428,250	3,375,000	1,865,000	73,098,422		
2014	11,007,032	45,238,202	8,583,988	905,333		905,333	905,333		65,734,555	2,353,250	3,325,000	1,735,000	73,147,805		
2015	10,998,808	45,429,090	8,448,187	873,333		873,333	873,333		65,749,418	2,278,250	3,275,000	1,960,000	73,262,668		
2016	10,977,380	45,325,550	8,527,810	841,333		841,333	841,333		65,672,073	2,453,250	3,225,000	1,922,500	73,272,823		
2017	14,354,375	42,390,717	8,355,910	809,333		809,333	809,333		65,910,335	2,365,750	3,175,000	1,985,000	73,436,085		
2018	44,298,125	16,709,688	8,386,250						69,394,063	2,528,250	3,125,000	1,942,500	76,989,813		
2019	7,466,875	23,810,000	8,522,250						39,799,125	2,428,250	3,075,000	1,800,000	47,102,375		
2020	2,873,750	18,750,000	8,390,000						30,013,750	2,328,250	9,525,000	2,012,500	43,879,500		
2021		18,900,000							18,900,000	2,478,250	9,150,000	10,462,500	40,990,750		
2022										2,430,750	26,775,000	10,237,500	39,443,250		
Total	307,069,606	576,670,009	121,782,533	39,574,512	39,386,741	39,574,512	39,386,741	1,084,483,401	1,084,483,401	38,415,333	94,400,667	49,861,000	1,267,160,401		
Principal	204,380,000	355,320,000	74,385,000	32,525,000	34,341,605	32,525,000	34,341,605	700,951,605	700,951,605	22,565,000	50,470,000	26,805,000	800,791,605		
Interest	102,689,606	221,350,009	47,397,533	7,049,512	5,045,136	7,049,512	5,045,136	383,531,796	383,531,796	15,850,333	43,930,667	23,056,000	466,368,796		

- (1) Interest rate on variable rate debt calculated at 4% (1996 issue has averaged 3.46%.)
(2) Capital leases includes C.O.P. financing for Mesa Public School land acquisition, Excise Tax Obligations for city wide improvements, C.I.S. financing, Electric Generator acquisition and various lease purchase financings.

ATTACHMENT NO. 2

CITY OF MESA
2003 GENERAL OBLIGATION BONDS
ESTIMATED RETIREMENT SCHEDULE

Fiscal Year Ending	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2003		376,083	376,083
2004		1,128,250	1,128,250
2005		1,128,250	1,128,250
2006		1,128,250	1,128,250
2007		1,128,250	1,128,250
2008		1,128,250	1,128,250
2009		1,128,250	1,128,250
2010	1,250,000	1,128,250	2,378,250
2011	1,250,000	1,065,750	2,315,750
2012	1,500,000	1,003,250	2,503,250
2013	1,500,000	928,250	2,428,250
2014	1,500,000	853,250	2,353,250
2015	1,500,000	778,250	2,278,250
2016	1,750,000	703,250	2,453,250
2017	1,750,000	615,750	2,365,750
2018	2,000,000	528,250	2,528,250
2019	2,000,000	428,250	2,428,250
2020	2,000,000	328,250	2,328,250
2021	2,250,000	228,250	2,478,250
2022	<u>2,315,000</u>	<u>115,750</u>	<u>2,430,750</u>
Totals	22,565,000	15,850,333	38,415,333

Average Life 14.0 Years

Average Interest Rate 5.00%

ATTACHMENT NO. 3

CITY OF MESA
2003 UTILITY SYSTEM REVENUE BONDS
ESTIMATED RETIREMENT SCHEDULE

Fiscal Year <u>Ending</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2003		841,167	841,167
2004		2,523,500	2,523,500
2005		2,523,500	2,523,500
2006		2,523,500	2,523,500
2007		2,523,500	2,523,500
2008		2,523,500	2,523,500
2009		2,523,500	2,523,500
2010	970,000	2,523,500	3,493,500
2011	1,000,000	2,475,000	3,475,000
2012	1,000,000	2,425,000	3,425,000
2013	1,000,000	2,375,000	3,375,000
2014	1,000,000	2,325,000	3,325,000
2015	1,000,000	2,275,000	3,275,000
2016	1,000,000	2,225,000	3,225,000
2017	1,000,000	2,175,000	3,175,000
2018	1,000,000	2,125,000	3,125,000
2019	1,000,000	2,075,000	3,075,000
2020	7,500,000	2,025,000	9,525,000
2021	7,500,000	1,650,000	9,150,000
2022	<u>25,500,000</u>	<u>1,275,000</u>	<u>26,775,000</u>
Totals	50,470,000	43,930,667	94,400,667

Average Life 17.4 Years

Average Interest Rate 5.00%

ATTACHMENT NO. 4

CITY OF MESA
2003 HIGHWAY USER REVENUE BONDS
ESTIMATED RETIREMENT SCHEDULE

Fiscal Year Ending	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2003		446,750	446,750
2004		1,340,250	1,340,250
2005		1,340,250	1,340,250
2006		1,340,250	1,340,250
2007		1,340,250	1,340,250
2008		1,340,250	1,340,250
2009		1,340,250	1,340,250
2010	505,000	1,340,250	1,845,250
2011	500,000	1,315,000	1,815,000
2012	500,000	1,290,000	1,790,000
2013	600,000	1,265,000	1,865,000
2014	500,000	1,235,000	1,735,000
2015	750,000	1,210,000	1,960,000
2016	750,000	1,172,500	1,922,500
2017	850,000	1,135,000	1,985,000
2018	850,000	1,092,500	1,942,500
2019	750,000	1,050,000	1,800,000
2020	1,000,000	1,012,500	2,012,500
2021	9,500,000	962,500	10,462,500
2022	<u>9,750,000</u>	<u>487,500</u>	<u>10,237,500</u>
Totals	26,805,000	23,056,000	49,861,000

Average Life 17.2 Years

Average Interest Rate 5.00%