



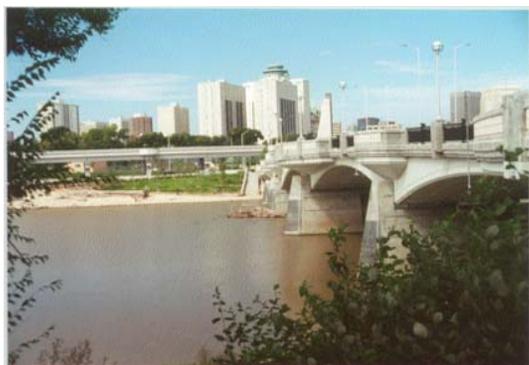
2004

Capital Budget
and
2005 to 2009
Five-Year
Forecast

*Adopted by Council
December 16, 2003*

Adopted Capital

2004 Adopted Capital Budget



and

2005 to 2009

Five-Year Capital Forecast

December 16, 2003



POLICIES USED TO DEVELOP THE BUDGET

- Plan Winnipeg
- Financial Management Plan
- Capital Priority Rating System
- Council-Approved Borrowing Cap
- EPC direction to develop the tax-supported budget without new external debt



THE CHALLENGE

Balancing.....

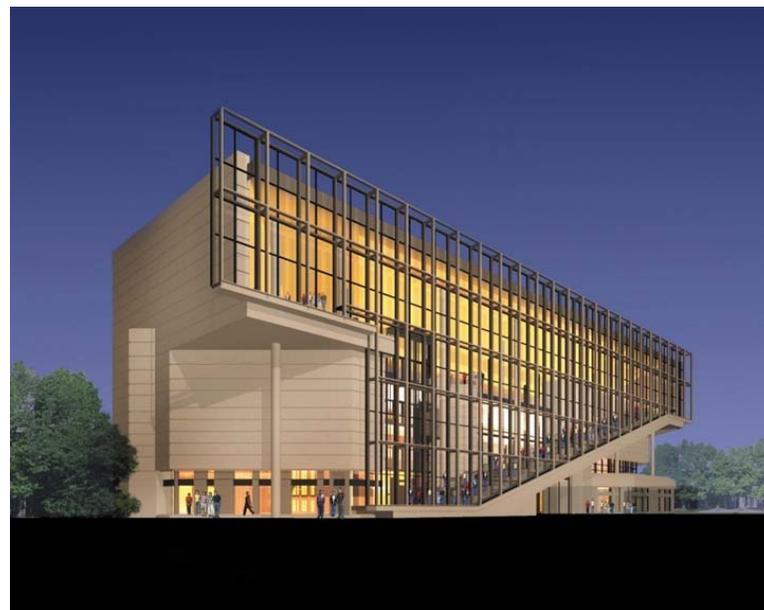
**Infrastructure needs/
Protecting the
environment**

**Fiscal
responsibility**



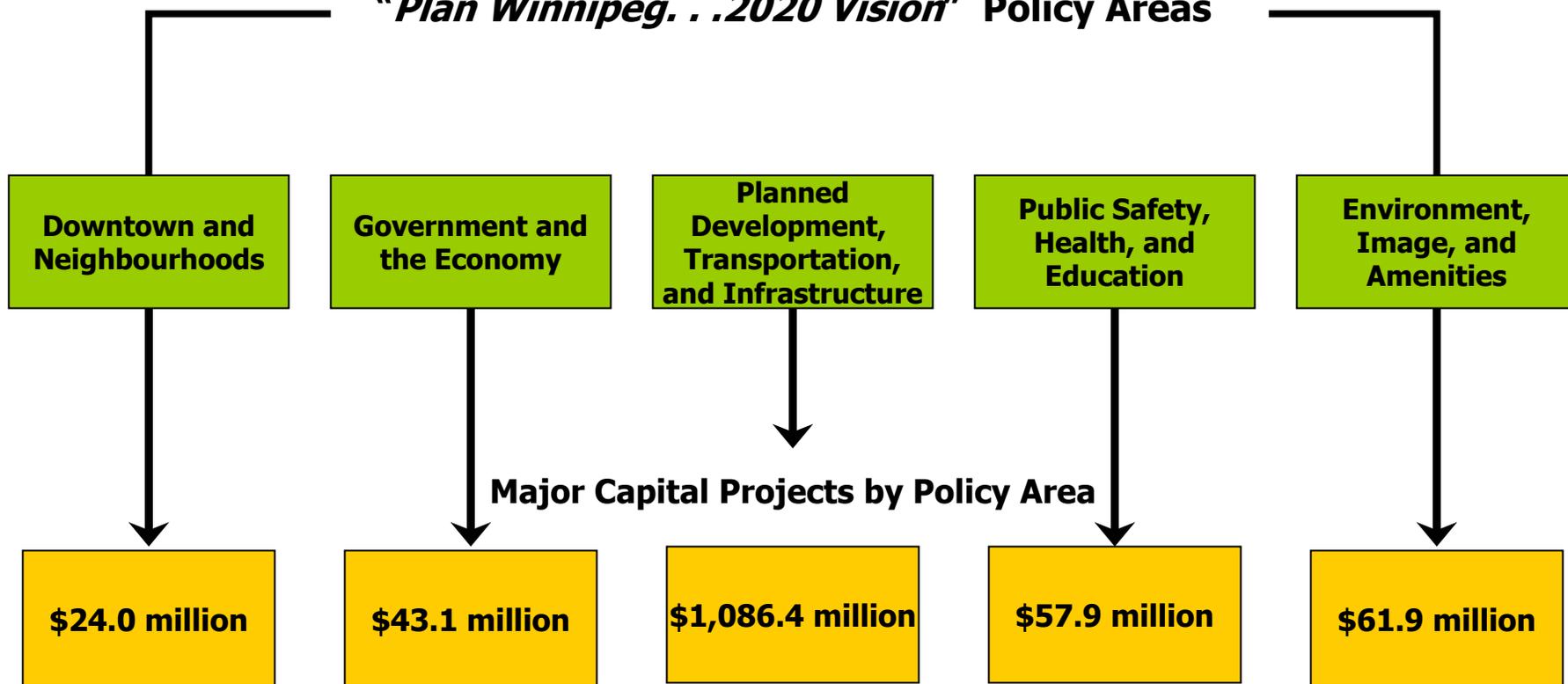
HIGHLIGHTS

- Capital investment plan:
 - *\$1.3 billion over the next 6 years*
 - *\$209.5 million in 2004*
 - *priority has been given to the repair and replacement of existing infrastructure*
- Fiscal responsibility:
 - *pay-as-you-go -- internal financing target of \$61 million reached in 2004 as planned*
 - *no new external debt for tax-supported programs*
 - *lowering debt and finance charges*
- Strategic partnerships



PLAN WINNIPEG ALIGNMENT

"Plan Winnipeg. . .2020 Vision" Policy Areas



6-Year Total Capital Program - \$1,273.3 million

AREAS OF MAJOR CAPITAL INVESTMENT

- **\$296 M for sewage disposal**
- **\$264 M for the water system**
- **\$225 M for the street system including bridges**
- **\$149 M for land drainage and flood control**
- **\$106 M for the transit system**

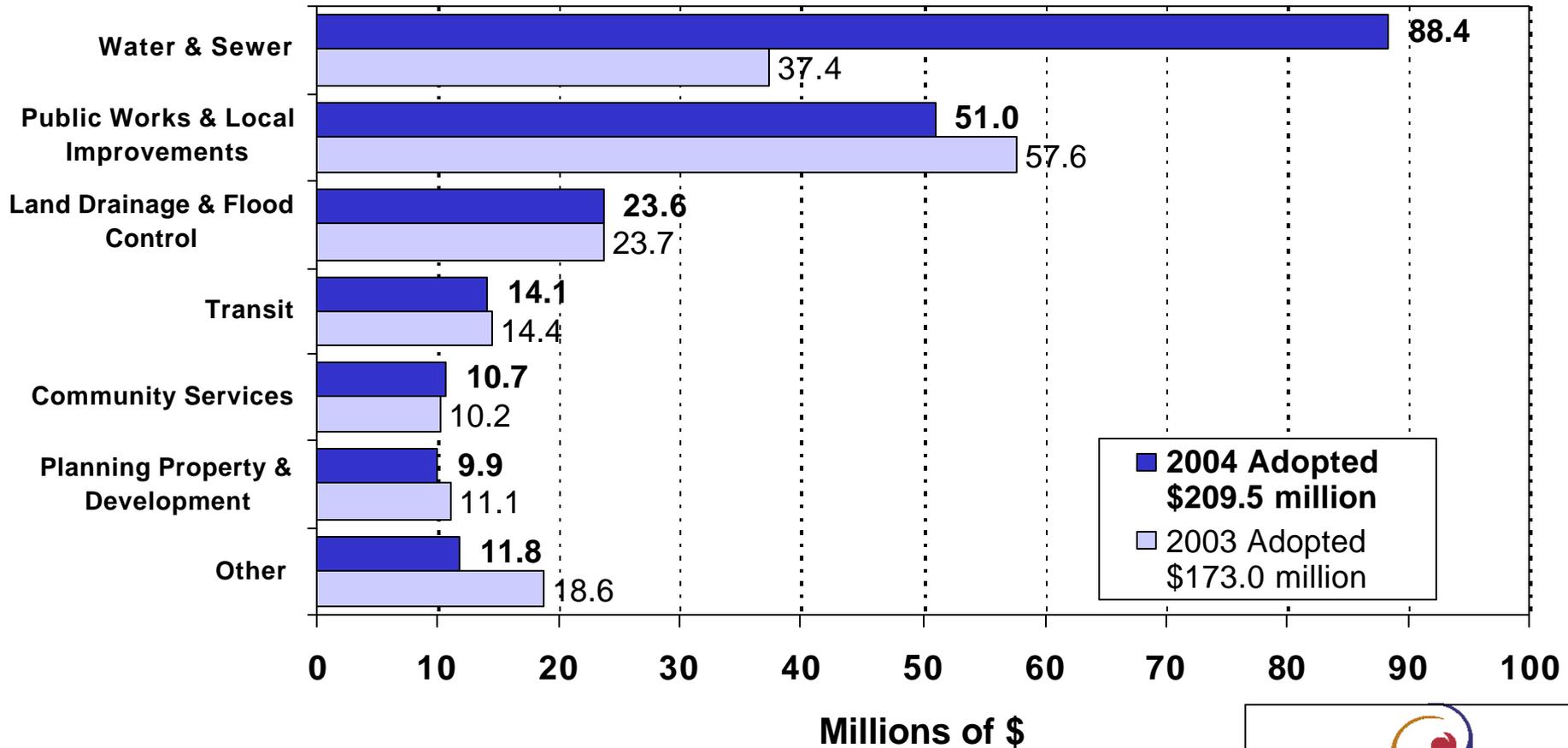


PROTECTING OUR ENVIRONMENT

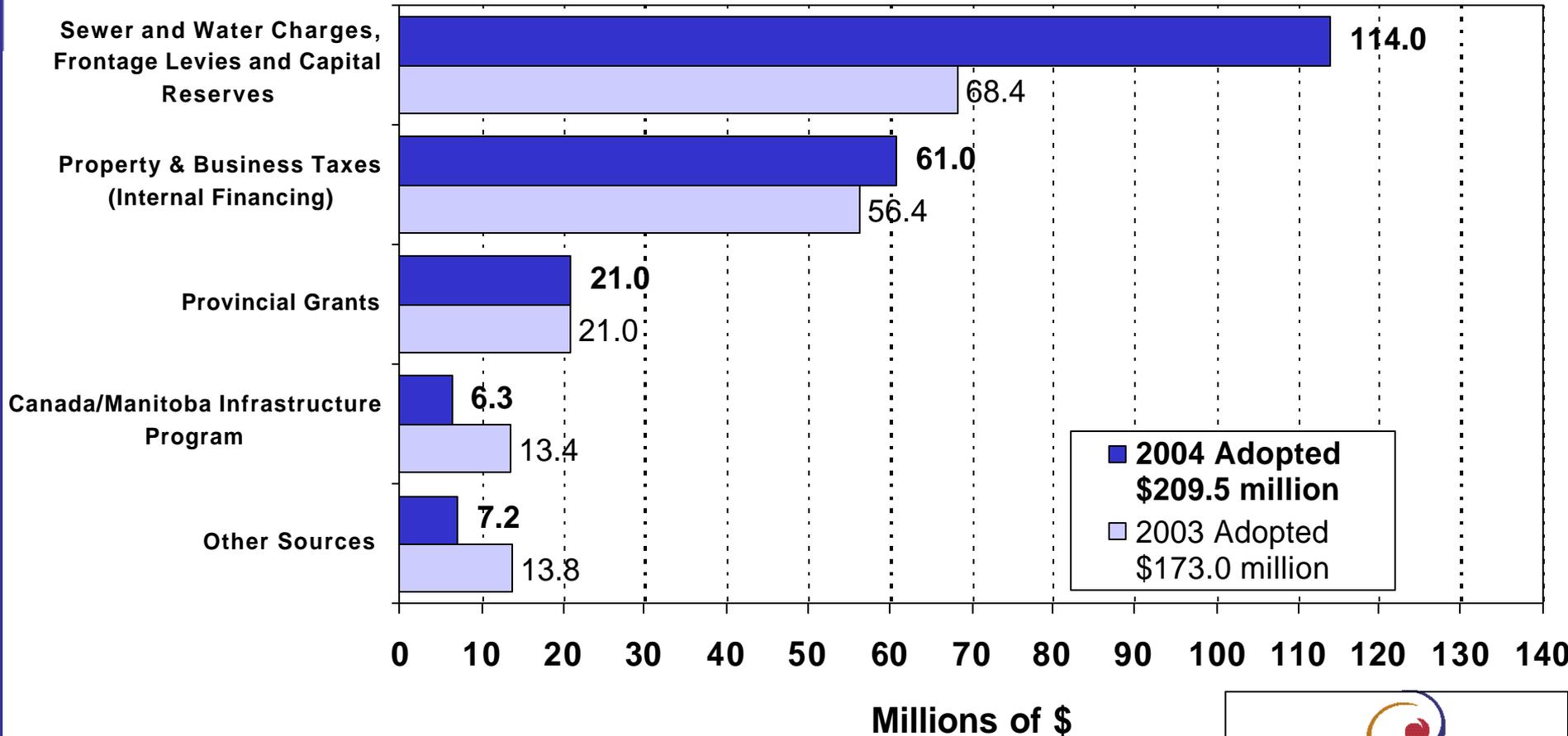
- Upgrades for wastewater collection and treatment
- Water treatment plant
- Combined sewer overflow management
- Land drainage/flood protection/secondary diking
- Transit
- Pedestrian and cycle facilities
- Riverbank greenway program
- Reforestation
- E-government



HOW CAPITAL DOLLARS ARE SPENT



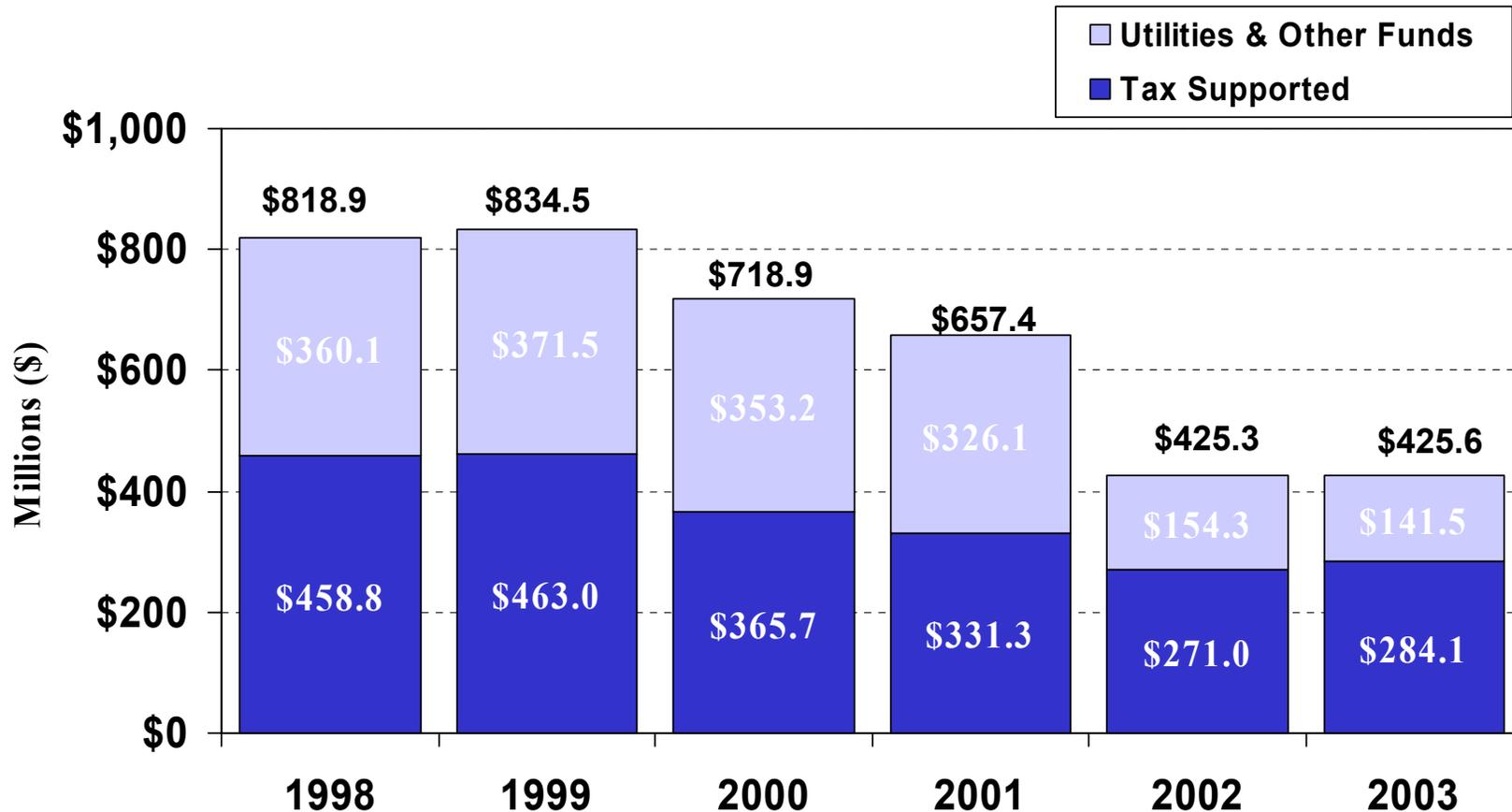
SOURCES OF CAPITAL FUNDING



CAPITAL FINANCING



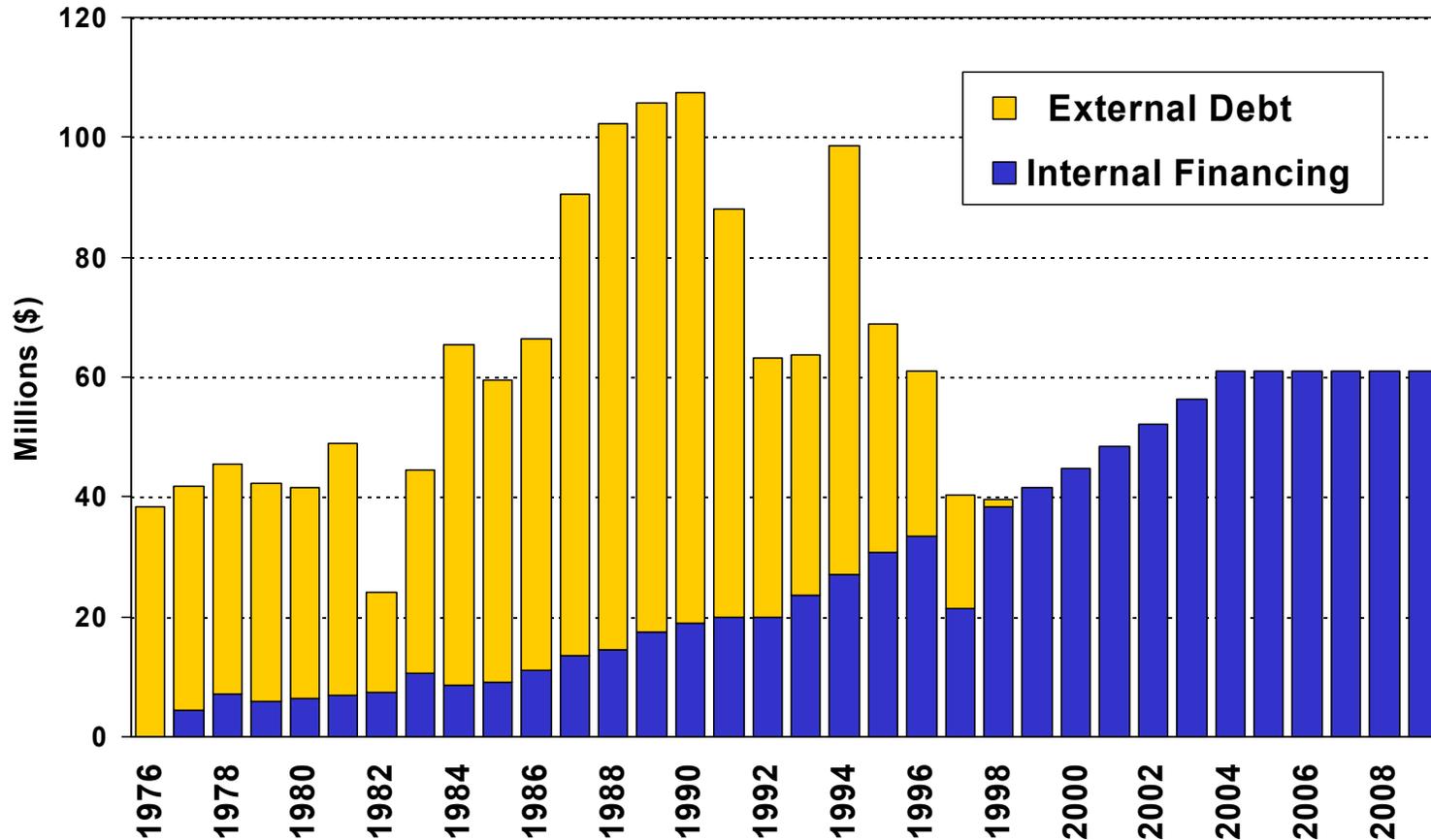
TOTAL NET DEBENTURE DEBT



Note: Tax Supported does not include Civic Accommodations or Transit
 Net debenture debt decreased by 48.0% from 1998 to 2003. Net Tax-supported debenture debt decreased by 38.1% from 1998 to 2003.

TAX-SUPPORTED CAPITAL PROGRAM NO EXTERNAL DEBT SINCE 1999

(Including Transit and Civic Accommodations)



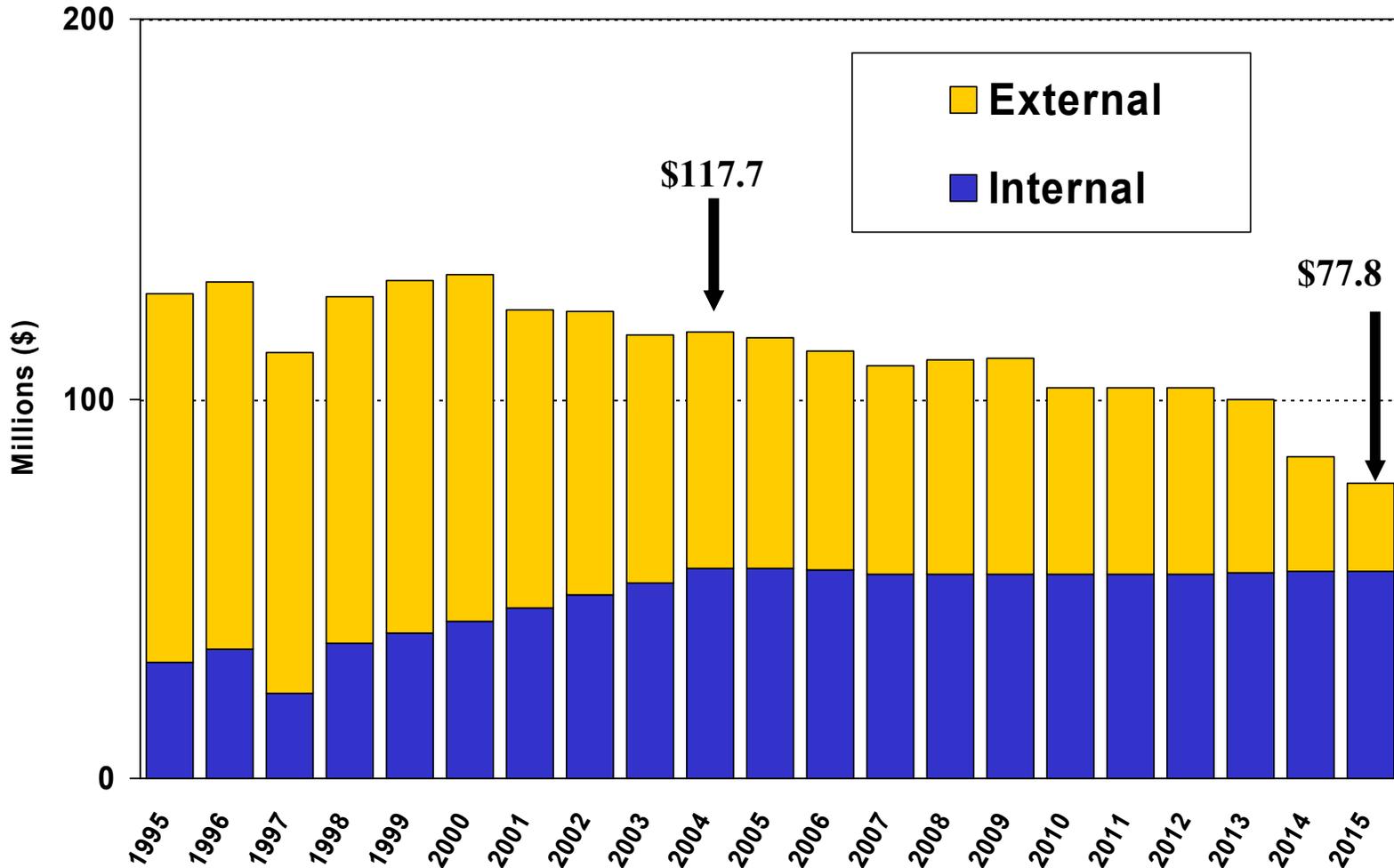
1976-2003 Adopted Budgets; 2004-2009 Forecast

1994 includes the Canada/Manitoba/Winnipeg Infrastructure Program

Excludes interim financing



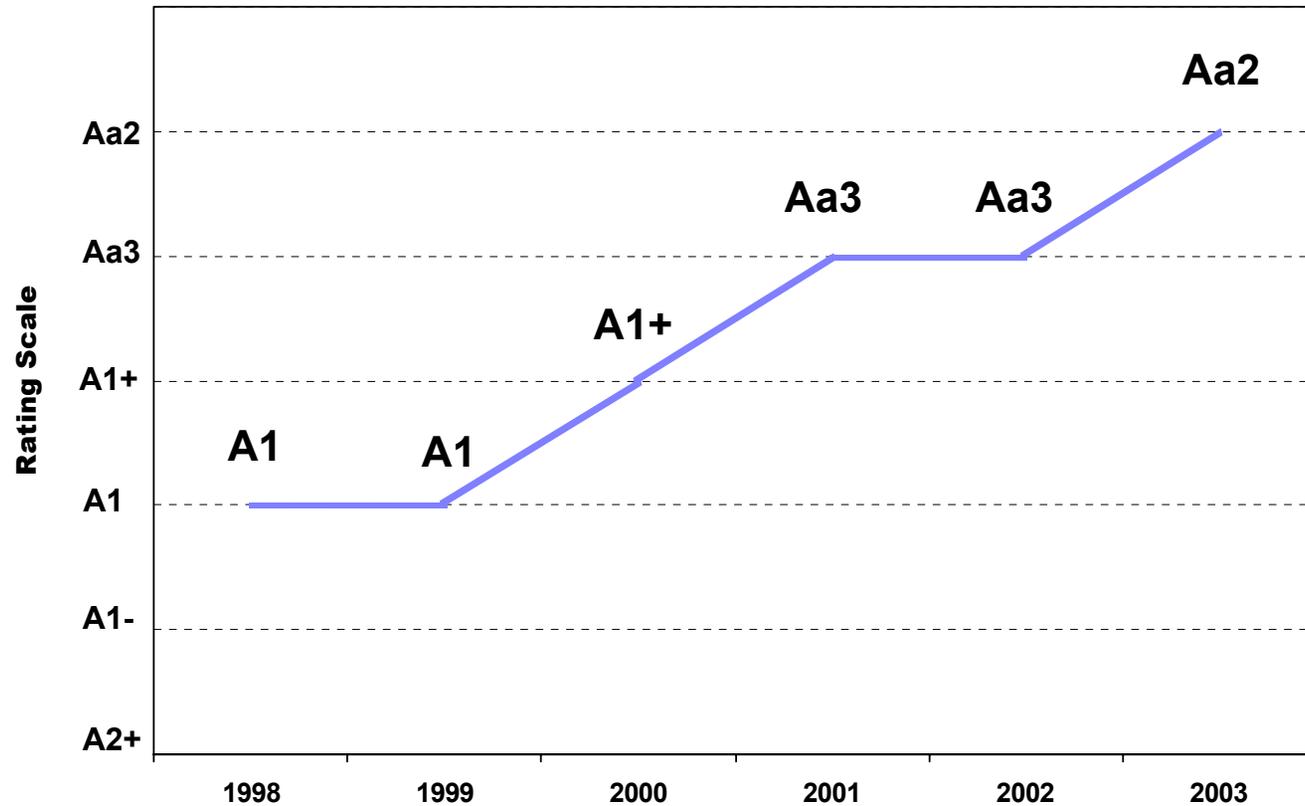
TAX-SUPPORTED DEBT SERVICING COSTS



Excludes Civic Accommodations and Transit.



CREDIT RATING



Source Moody's Investors Service

COUNCIL ADOPTION OF THE 2004 CAPITAL BUDGET

On December 16, 2003 Council adopted the following recommendations:

1. That the 2004 Capital Budget totalling \$209,546,000 (tax supported and utility operations requiring no external borrowing) and the 2005 to 2009 Five-Year Forecast as tabled at the Executive Policy Committee meeting of November 25, 2003, and amended by Recommendation No. 2, be approved.
2. That the following changes be made to the Capital Budget tabled on November 25, 2003:

Description	In Thousands of \$		
	2004	2005	2006
Capital Budget Tabled on November 25, 2003	\$ 219,546	\$ 251,250	\$ 237,535
Establish a capital budget of \$450,000 for Playgrounds in 2004	450	-	-
Reduce Special Innovative Capital	(450)	-	-
Advance the Redwood Bridge rehabilitation to 2005 from 2006 to be financed by a deferral of the repayment of General Purpose Reserve	-	2,600	(2,600)
Removal of Frontage Levy and reduction in Local and Regional Street Renewal Projects by \$10 million in 2004	(10,000)	-	-
Subtotal Changes	(10,000)	2,600	(2,600)
Capital Budget as recommended by Executive Policy Committee	\$ 219,546	\$ 253,850	\$ 234,935
Capital Budget as approved by Council	\$ 209,546	\$ 253,850	\$ 234,935

3. That the frontage levy rates be increased by a total of \$1.00 and be used for street renewal, commencing in 2005 through to 2009, subject to Council approving an implementation strategy.
4. That the transfers from utility operations, reserves and other funds outlined in the capital budget submission be approved.
5. That the City negotiate with the Province of Manitoba a new Urban Capital Projects Allocation (UCPA) cost-sharing agreement for 2004 and to establish a future cost-sharing agreement for beyond 2004, or an alternate funding arrangement, given that the existing agreement has expired.
6. That the City request the Province of Manitoba to provide funding of \$5 million, over and above Urban Capital Projects Allocation (UCPA) funding, for a local street renewal program for Winnipeg for 2004, and to establish a future cost-sharing agreement for beyond 2004 or an alternate funding arrangement.

7. That the Administration identify up to \$20 million of capital projects in the 2004 capital budget for potential holdback, for discussion during the 2004 to 2006 operating budget process, said projects are not to commence until a 2004 operating budget has been adopted.
8. That the Sewage Disposal System capital plan for 2005 to 2009, including the requirement for external debt, be discussed with one or more of the City's bond rating agencies for an assessment of the impact on the City's credit rating, and that Council consider this information prior to proceeding with the Sewage Disposal System's 5-year forecasted capital plan, including the issuance of any related debentures.
9. That the City coordinate with the Province of Manitoba the scheduling of major capital projects for both governments to ensure capacity and stability of employment in the construction industry and to avoid higher costs for taxpayers.
10. That the City initiate discussions and support negotiations with the Province of Manitoba to re-instate Provincial funding in the amount of 50% to the Transit Department for a more realistic funding formula in both the capital and current budgets.
11. That the Proper Officers of the City be authorized to do all things necessary to implement the foregoing.



**2004 CAPITAL BUDGET
and
2005 to 2009 FORECAST**

Adopted by Council December 16, 2003

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<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
<u>SUMMARY OF CAPITAL PROGRAM</u>							
TAX-SUPPORTED							
Public Works	39,933	39,996	43,961	50,356	45,214	44,775	264,235
Local Improvements	11,125	500	500	600	600	600	13,925
Land Drainage and Flood Control	23,574	25,655	25,130	25,730	24,579	24,079	148,747
Community Services & Community Incentive Grants	10,723	4,098	2,704	3,674	3,703	8,103	33,005
Winnipeg Police Service				250	9,158	3,066	12,474
Fire Paramedic Service		1,720		1,600		1,900	5,220
Planning, Property and Development (excluding Civic Accommodations)	4,461	4,650	2,100	3,400	3,750	6,615	24,976
Corporate Finance	1,500	2,500	2,500				6,500
City Clerks	150	200	200	200	200	1,700	2,650
Corporate Information Technology	2,557	2,490	2,496	2,549	2,773	2,773	15,638
Property Assessment			1,000	500	500	500	2,500
Other Projects	7,634	5,500	5,500	5,500	5,500	6,400	36,034
Tax-Supported General	101,657	87,309	86,091	94,359	95,977	100,511	565,904
Civic Accommodations	5,397	6,300	7,505	8,609	9,300	4,721	41,832
Transit	14,093	16,693	21,676	18,017	17,593	17,593	105,665
Total Tax-Supported Including Transit and Civic Accommodations	121,147	110,302	115,272	120,985	122,870	122,825	713,401
UTILITIES							
Waterworks System	38,205	96,330	94,550	10,850	11,800	12,600	264,335
Sewage Disposal System	50,194	47,218	25,113	21,246	55,730	96,105	295,606
Total Utilities	88,399	143,548	119,663	32,096	67,530	108,705	559,941
TOTAL CAPITAL PROGRAM	209,546	253,850	234,935	153,081	190,400	231,530	1,273,342

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
SUMMARY OF FINANCING SOURCES							
TAX-SUPPORTED							
Equity in Capital Assets Fund	61,000	61,000	61,000	61,000	61,000	61,000	366,000
Frontage Levy	18,580	28,580	28,580	28,580	28,580	28,580	161,480
Reserves:							
- Transit Bus Replacement	7,015	7,015	9,317	9,317	12,143	12,143	56,950
- Repayment to the General Purpose Reserve	(208)	(2,434)	(2,928)				(5,570)
Transfer from 2003 Operating Budget	334						334
Contribution from Glacial Sand and Gravel	247	247	247	247	247	247	1,482
Repayment of Interim Financing	(4,119)	(6,881)	(3,544)	(916)	(600)	(145)	(16,205)
Contributions from Other Levels of Government:							
- Urban Capital Projects Allocation IV or alternate funding	16,000	16,000	16,000	16,000	16,000	16,000	96,000
- Canada / Manitoba Infrastructure	6,338						6,338
- Provincial contribution to residential streets	5,000	5,000	5,000	5,000	5,000	5,000	30,000
Winnipeg Library Foundation	4,000						4,000
Local Improvement District Receivable	6,960						6,960
Developers		1,775	1,600	1,757	500		5,632
Total Tax-Supported Financing Sources	121,147	110,302	115,272	120,985	122,870	122,825	713,401
UTILITIES							
Frontage Levy	6,920	6,920	6,920	6,920	6,920	6,920	41,520
Reserves:							
- Water Treatment	26,000	50,000	16,000				92,000
- Environmental	28,044	8,393	7,143	11,376	17,082	13,538	85,576
Retained Earnings:							
- Waterworks	5,705	5,830	4,050	4,350	5,300	6,100	31,335
- Sewage Disposal	21,730	16,080	17,550	9,450	750	6,400	71,960
External Debt		56,325	68,000		37,478	75,747	237,550
Total Utility Financing Sources	88,399	143,548	119,663	32,096	67,530	108,705	559,941
TOTAL FINANCING SOURCES	209,546	253,850	234,935	153,081	190,400	231,530	1,273,342

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
<u>CAPITAL PROJECTS LISTING</u>							
<u>PUBLIC WORKS</u>							
Street Improvements							
Kenaston Blvd - Academy Rd to Taylor Ave	100	100	100	100	100	100	600
Traffic Engineering Improvement - Various Locations	700	700	700	700	700	700	4,200
Land Acquisition - Transportation Rights-of-Way - Various Locations		300			100	100	500
Pedestrian and Cycle Facilities - Various Locations	100	300	500	500	500	500	2,400
St Anne's Rd - Novavista Dr to Warde Ave							
- Equity in Capital Assets Fund			300	2,643			2,943
- Developer Funding				1,357			1,357
Total St Anne's Rd - Novavista Dr to Warde Ave			300	4,000			4,300
Total Street Improvements	900	1,400	1,600	5,300	1,400	1,400	12,000
Regional and Local Streets							
- Equity in Capital Assets Fund	20,888	9,304	9,461	15,134	13,392	13,053	81,232
- Frontage Levy		10,000	10,000	10,000	10,000	10,000	50,000
- Contribution from Glacial Sand and Gravel	247	247	247	247	247	247	1,482
- Canada / Manitoba Infrastructure Program	2,005						2,005
- Provincial Contribution	5,000	5,000	5,000	5,000	5,000	5,000	30,000
Total Regional and Local Streets	28,140	24,551	24,708	30,381	28,639	28,300	164,719

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
Waterway Crossing and Grade Separations							
Waterway Crossing and Grade Separations - Annual Maintenance Program	1,100	150	1,700	5,500	8,000	7,500	23,950
Disraeli Bridge and Overpass Facility	600	700	5,092	1,100			7,492
Maryland Twin Bridges Rehabilitation	360	4,400	3,950				8,710
Provencher Paired Bridges (Red River)							
- Equity in Capital Assets Fund	9,300	6,100	2,100				17,500
- Repayment of Interim Financing	(6,900)	(6,100)	(2,100)				(15,100)
Total Provencher Paired Bridges (Red River)	2,400						2,400
Redwood Bridge		2,600					2,600
Total Waterway Crossings & Grade Separations	4,460	7,850	10,742	6,600	8,000	7,500	45,152
Other Streets Projects							
Asset Management System - Various Divisions	175	200	275	250	250	250	1,400
Land Drainage Sewers - Regional / Local Streets	100	250	250	250	150	150	1,150
City-wide Accessibility Program	250	250					500
Total Other Streets Projects	525	700	525	500	400	400	3,050
TOTAL STREETS PROJECTS	34,025	34,501	37,575	42,781	38,439	37,600	224,921

<i>CAPITAL PROJECTS SUMMARY</i> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
<i>Parks and Open Space</i>							
Streets - Aesthetic Improvements	100	100	100	100	100	100	600
Reforestation - Improvements	383	457	500	500	500	500	2,840
Athletic Fields - Development (formerly Athletic Fields - Phased Progression)	168		316				484
Athletic Fields - Improvements	198	595	300			300	1,393
Parks - Development (formerly Parks - Phased Progression)	370	273	150			300	1,093
Parks - Improvements	294		200	1,700	1,200	1,000	4,394
Playground Replacements (formerly Playground Upgrades)	125	300		250	250	250	1,175
Pathway / Roadway / Tennis Court Upgrading				150	150	150	450
Playgrounds	450						450
Total Parks and Open Spaces	2,088	1,725	1,566	2,700	2,200	2,600	12,879
<i>Building Services</i>							
Community Centres - Refurbishing and Improvements	500	350	500	500	500	500	2,850
Arenas	750	355	525	525	525	525	3,205
Indoor Aquatic Facilities	1,515	2,000	2,650	2,650	2,450	2,450	13,715
Outdoor Aquatic Facilities	475	365	395	450	450	450	2,585
Community Facilities	480	200	200	200	200	200	1,480
A/C Plant Refurbishing - Ozone Depletion Act Compliance		100	200	200	100	100	700
Fire / Life Safety Replacement / Asbestos Abatement	100	225	225	225	225	225	1,225
Security / Building Automation Systems Initiatives		175	125	125	125	125	675
Total Building Services	3,820	3,770	4,820	4,875	4,575	4,575	26,435
TOTAL PUBLIC WORKS	39,933	39,996	43,961	50,356	45,214	44,775	264,235

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
LOCAL IMPROVEMENTS - Ongoing Program							
- Equity in Capital Assets Fund	1,384	1,281	1,944	1,516	1,200	745	8,070
- Interim Financing	2,781	(781)	(1,444)	(916)	(600)	(145)	(1,105)
- District Receivable - Fairfield Park	6,960						6,960
LOCAL IMPROVEMENTS	11,125	500	500	600	600	600	13,925
<u>COMMUNITY SERVICES</u>							
Community Incentive Grant Program	1,393	1,393	1,393	1,393	1,393	1,393	8,358
Library Replacement - Various		850	811	360		3,000	5,021
Community Computer Access Program	280						280
Library Shelving and Furniture Replacement Program				329		500	829
Integrated Property Based Information Systems		250					250
Customer Information/Registration and Booking System				350	250	150	750
Vehicle Guidance System & Office "Anti-Pesticide Registration" Management Software Package					160	160	320
Facility Refurbishment Program					150	150	300
Renovate and Refurbish Various Library Branches					1,250		1,250
Imaging and Document Management					500		500
Knowledge-Enabled Customer Relationship Management (KCRM)						750	750
Assiniboine Park Amenities Improvements / Development	1,050	1,605	500	1,242		2,000	6,397
Millennium Library (Conditional Upon Other Funding Being in Place)							
- Equity in Capital Assets Fund	1,000						1,000
- Winnipeg Library Foundation	4,000						4,000
- Canada / Manitoba Infrastructure Program	3,000						3,000
Total Millennium Library	8,000						8,000
TOTAL COMMUNITY SERVICES	10,723	4,098	2,704	3,674	3,703	8,103	33,005

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						2004 - 2009 6 YEAR TOTAL
	2004 BUDGET	FORECAST					
		2005	2006	2007	2008	2009	
<u>WINNIPEG POLICE SERVICE</u>							
Renovations - 5th Floor Public Safety Building						500	500
Automated Fingerprint Identification System - Palm Print Update				250			250
Emergency Exit Overpass - 4th Floor Public Safety Building to Parkade						300	300
Alternative Site for 911 and Police Communications Services						2,266	2,266
Replace Voice 2-Way Radio System					8,898		8,898
Wireless E-911 Upgrade					260		260
TOTAL WINNIPEG POLICE SERVICE				250	9,158	3,066	12,474
<u>FIRE PARAMEDIC SERVICE</u>							
Replacement of Station No. 21 - 730 Pandora Ave.		1,579					1,579
Burn Building Improvements		141					141
Pump and Aerial Test Facility						300	300
Replacement of Station No. 12 - 1710 Grosvenor Ave.				1,600			1,600
Station Replacement Program						1,600	1,600
TOTAL FIRE PARAMEDIC SERVICE		1,720		1,600		1,900	5,220

<i>CAPITAL PROJECTS SUMMARY</i> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
<i>PLANNING, PROPERTY AND DEVELOPMENT</i>							
Computer Automation		200	200	300	175	175	1,050
Land Acquisition for General Unspecified Purposes		300			300	300	900
Weather Protected Pedestrian System	210			450	450	165	1,275
Riverbank Stabilization for City-Owned Riverbanks	200	200	200	200	200	200	1,200
Riverbank Greenway Programs		350		350		350	1,050
Land Acquisition - Riverbank		300		300		300	900
Cemeteries - Improvements	251	250	200	200	150	225	1,276
Riverbank Stabilization						1,900	1,900
Downtown Wayfinding	400	250	100				750
Downtown Enhancement Program	400	400	400	400	400		2,000
Image Route Enhancements / Streetscaping						400	400
Riverbank Access Park and Dock Network						700	700
Building Communities - Neighbourhood to be specified							
- Equity in Capital Assets Fund	1,500	1,200	500	600	1,038	950	5,788
- Provincial UCPA IV or alternate funding	1,500	1,200	500	600	1,037	950	5,787
Total Building Communities	3,000	2,400	1,000	1,200	2,075	1,900	11,575
Subtotal Planning, Property and Development (excluding Civic Accommodations)	4,461	4,650	2,100	3,400	3,750	6,615	24,976

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
<u>Civic Accommodations</u>							
General Building Renovation and Refurbishing		500	500	500	900	900	3,300
Civic Buildings - Barrier Free Access	104		150	250	225	225	954
Removal of Asbestos	168		200	100		100	568
Administration Building Alterations	200						200
Campus Area Security Upgrades					300		300
Roof Replacement				250	500	500	1,250
Fire Safety Upgrading - Various Locations			200	200	200	200	800
Public Works/ Water & Waste Departments Facilities Consolidation	2,100	500					2,600
Public Safety Building - Exterior Cladding	2,600	4,000					6,600
Cooling Plant Refurbishing				150			150
Energy Conservation		200	200	200			600
Restoration of Entrance Gates					200		200
Civic Centre Car Park Tunnel				200	500	500	1,200
Tenant Improvement Prepayment - Major Department		600	500	500		500	2,100
Historic Building Stabilization		500			400	500	1,400
Major Building HVAC Upgrades	225		500	400	400		1,525
Building Envelope - Evaluation and Emergency Repair			500	1,000	500	500	2,500
Winnipeg Police Service - Four District Model Building Replacement			4,755	4,859	5,175	796	15,585
Subtotal Civic Accommodations	5,397	6,300	7,505	8,609	9,300	4,721	41,832
TOTAL PLANNING, PROPERTY AND DEVELOPMENT	9,858	10,950	9,605	12,009	13,050	11,336	66,808

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
<u>CORPORATE FINANCE</u>							
Connexus	1,500	2,500	2,500				6,500
<u>CITY CLERKS</u>							
Office Automation	100	200	200	200	200	200	1,100
Electronic Records Management	50						50
Voting Machine Replacement						1,500	1,500
TOTAL CITY CLERKS	150	200	200	200	200	1,700	2,650
<u>CORPORATE INFORMATION TECHNOLOGY</u>							
Communications Network Infrastructure	723	611	610	649	648	648	3,889
Network Computing Initiatives	251	199	204	211	216	216	1,297
E-Government	1,583	1,680	1,682	1,689	1,909	1,909	10,452
TOTAL CORPORATE INFORMATION TECHNOLOGY	2,557	2,490	2,496	2,549	2,773	2,773	15,638
<u>PROPERTY ASSESSMENT</u>							
Assessment Automation			1,000	500	500	500	2,500

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
<u>OTHER PROJECTS</u>							
Special Innovative Capital	134						134
New Strategic Transportation Initiatives (Kenaston Underpass and Rapid Transit)	5,000	5,000	5,000	5,000	5,000	5,900	30,900
Various Cultural Centres							
- Equity in Capital Assets Fund	333						333
- 2003 Operating	334						334
- Canada / Manitoba Infrastructure Program	1,333						1,333
Total Various Cultural Centres	2,000						2,000
Public Art Strategy	500	500	500	500	500	500	3,000
TOTAL OTHER PROJECTS	7,634	5,500	5,500	5,500	5,500	6,400	36,034
<u>TRANSIT</u>							
Bus Radio System Replacement with AVL Enhancement		2,000	1,659				3,659
Fare Collection System			4,000	2,000			6,000
Innovative Transit Program	200	700	700	700	700	700	3,700
Transit Building Replacement/Refurbishment		100					100
Regular Transit Buses							
- Equity in Capital Assets Fund	3,878	3,878	3,000	3,000	1,750	1,750	17,256
- Transit Bus Replacement Reserve	7,015	7,015	9,317	9,317	12,143	12,143	56,950
- Province - UCPA IV or alternate funding	3,000	3,000	3,000	3,000	3,000	3,000	18,000
Total Regular Transit Buses	13,893	13,893	15,317	15,317	16,893	16,893	92,206
TOTAL TRANSIT	14,093	16,693	21,676	18,017	17,593	17,593	105,665

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
<u>WATER & WASTE</u>							
<u>Land Drainage and Flood Control - Tax-Supported Portion</u>							
LAND DRAINAGE AND FLOOD CONTROL - REGIONAL							
<u>Financed by Equity in Capital Assets:</u>							
Stormwater Retention Basin Rehabilitation	100	200	200	200	200	200	1,100
Flood Pumping Station Rehabilitation	1,600	1,200	700	1,000	1,000	1,000	6,500
Land Drainage and Combined Sewers Outfall Gate Structures	2,000	2,000	1,450	1,450	1,450	1,450	9,800
Floodplain Management				700		700	1,400
St. Germain/Vermette Land Drainage Project	300	300	400	400			1,400
Permanent Land Drainage Pumping Station at Kilkenny and Rice		500					500
Seine River Waterway Acquisition	150	150	150	150	150	150	900
Primary Dike Upgrading			800	800	800	800	3,200
Land Drainage Safety Upgrading Program	200	200	200	200	200	200	1,200
Charleswood & Wilkes South Land Drainage Project				1,300	1,149		2,449
Kildare Trunk Permanent Flood Pumping Station	200		500				700
Permanent Land Drainage Pumping Stations						449	449
Land Drainage Asset Management Strategy		200					200
<u>Financed by Frontage Levy:</u>							
Combined Sewer Flood Relief	7,200	7,200	7,200	7,200	7,200	7,200	43,200
Flood Relief Sewers - Separate	300	300	300	300	300	300	1,800
<u>Financed by Developer Capacity Charges:</u>							
Development Agreement Paybacks		400	500	400	500		1,800
Fernbank Ave Land Drainage Sewer		875					875
South Tuxedo Stormwater Retention Basin		500	1,100				1,600
TOTAL LAND DRAINAGE AND FLOOD CONTROL - REGIONAL	12,050	14,025	13,500	14,100	12,949	12,449	79,073

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
LAND DRAINAGE AND FLOOD CONTROL - RESIDENTIAL							
Combined Sewer Renewals - Frontage Levy	11,080	11,080	11,080	11,080	11,080	11,080	66,480
Outfall Rehabilitation - Equity in Capital Assets Fund	444	550	550	550	550	550	3,194
TOTAL LAND DRAINAGE AND FLOOD CONTROL - RESIDENTIAL	11,524	11,630	11,630	11,630	11,630	11,630	69,674
TOTAL LAND DRAINAGE AND FLOOD CONTROL	23,574	25,655	25,130	25,730	24,579	24,079	148,747
<u>WATER WORKS SYSTEM - Utility Funding</u>							
<u>Financed by Waterworks Retained Earnings:</u>							
Long Term Zebra Mussel Mitigation					1,100		1,100
Saskatchewan Avenue Feedermain				1,300			1,300
GWWD Railway Bridge Replacement				550			550
Lagimodiere Boulevard Feedermain Extension		1,350					1,350
McPhillips Pumping Station - Natural Gas Engine Replacement	200	1,050	750				2,000
MacLean Pumping Station - Natural Gas Engine Replacement	200	1,800					2,000
Water Supervisory Control and Data Acquisition (SCADA) Replacement	225						225
Computerized Work Management System	350						350
Branch II Aqueduct - Valves at Interconnection	1,000						1,000
Tache Booster Pumping Station Upgrading			300	1,000	500		1,800
Shoal Lake Aqueduct Intake Structure Condition Assessment					200	800	1,000
Disraeli Feedermain Condition Assessment	100						100
River Crossing Investigations	500						500
Shoal Lake Intake Chloramination Facility						2,100	2,100
Water Pumping Station Power Reliability Study		900					900
Customer Information and Billing System	2,500						2,500
General Water Infrastructure Rehabilitation			2,500	1,000	1,000		4,500
LBIS - Customer Service Conversion & Upgrade	130	130					260
Midtown Feedermain - Assiniboine River Crossing Replacement/Rehabilitation					2,500		2,500
Operation Accreditation / Emergency Response	500	600					1,100
Waverley West Feedermain - Phase 1						2,500	2,500

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						2004 - 2009 6 YEAR TOTAL
	2004 BUDGET	FORECAST					
		2005	2006	2007	2008	2009	
Feedermain Condition Assessment Study - Phase 1						500	500
Water Utility Asset Management Strategy						200	200
Shoal Lake Aqueduct Asset Preservation			500	500			1,000
Watermain Renewals - Frontage Levy	6,500	6,500	6,500	6,500	6,500	6,500	39,000
Water Treatment Plant - Functional & Detailed Design & Construction							
- Water Treatment Reserve	26,000	50,000	16,000				92,000
- External Debt		34,000	68,000				102,000
Total Water Treatment Plant	26,000	84,000	84,000				194,000
TOTAL WATERWORKS (Utility Supported)	38,205	96,330	94,550	10,850	11,800	12,600	264,335
<u>SEWAGE DISPOSAL SYSTEM - Utility Funding *</u>							
<i>Financed by Sewage Disposal System Retained Earnings:</i>							
Primary Clarifier Upgrades (Covers) - NEWPCC	7,900						7,900
Outfall Capacity & Flood Protection Upgrading - NEWPCC		3,500	1,000	1,400			5,900
High River Level (Flood) Protection - SEWPCC		1,700	800				2,500
Capacity Study / Preliminary Engineering - SEWPCC	600	1,600	1,000				3,200
Clarifier Expansion - SEWPCC			8,500			500	9,000
Lift Station Upgrading	750	750	750	750	750	750	4,500
Inflow / Infiltration / Cross-Connection Study and Mitigation	1,000	600					1,600
Sewer System Isolation in Areas Protected by Secondary Dikes		1,000				1,000	2,000
Computerized Work Management System	350						350
Boiler Replacements - NEWPCC		700					700
Raw Sewage Pump Replacement - NEWPCC	1,200	400					1,600
Northeast Interceptor Extension - Regent to Dugald			5,500				5,500
Dugald Interceptor Rehabilitation	2,000	1,500					3,500
Assessment of Wastewater River Crossings, Forcemains & Pumping Stations	600						600

* Represents estimates for a 25 year plan to implement the Clean Environment Commission recommendations.

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						2004 - 2009 6 YEAR TOTAL
	2004 BUDGET	FORECAST					
		2005	2006	2007	2008	2009	
<u>SEWAGE DISPOSAL SYSTEM - Utility Funding (continued) *</u>							
Re-roofing of Grit Building - NEWPCC				300			300
Customer Information and Billing System	2,500						2,500
Surgewell Condition Assessment & Main Pump Hydraulic Rehabilitation - NEWPCC	1,300	2,700					4,000
Risk and Criticality Assessment of Water Pollution Control Centres	250						250
Miscellaneous Water Pollution Control Centre Reliability Upgrades	900						900
Miscellaneous Interceptor Sewer Rehabilitation	550						550
Wastewater Utility Asset Management Strategy	200						200
LBIS - Customer Service Conversion & Upgrades	130	130					260
Waverly West Interceptor Sewer - Phase 1						3,000	3,000
Digester Gas Conditioning - NEWPCC		1,500					1,500
Distributed Control System Upgrades - NEWPCC	1,500						1,500
Upgrading External Power Supply - NEWPCC						1,000	1,000
Replacement of Primary Electrical Feed - SEWPCC						150	150
Upgrading of Secondary Clarifiers - NEWPCC				7,000			7,000
<u>Financed by Environmental Reserve:</u>							
Wastewater Disinfection - WEWPCC	3,398						3,398
Effluent Ammonia and Nutrient Related River Water Quality Studies	500						500
Wastewater Sampler Upgrades	400						400
Environmental Impact Statement and Public Hearings	1,000			500			1,500
Public Notification	250						250
Environmental Management System, Standard Operating Procedures, Emergency Response Plans	500						500
Public/Aboriginal Consultation and Education Program	450						450
Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation							
- Environmental Reserve	4,488	6,751	1,698	1,732	5,079	5,180	24,928
- External Debt		8,127					8,127
Total Combined Sewer Overflow (CSO) Management Strategy & Miscellaneous Mitigation	4,488	14,878	1,698	1,732	5,079	5,180	33,055

* Represents estimates for a 25 year plan to implement the Clean Environment Commission recommendations.

<u>CAPITAL PROJECTS SUMMARY</u> <i>(in Thousands of \$)</i>	ADOPTED BY COUNCIL						
	2004 BUDGET	FORECAST					2004 - 2009 6 YEAR TOTAL
		2005	2006	2007	2008	2009	
<u>SEWAGE DISPOSAL SYSTEM - Utility Funding (continued) *</u>							
Centrate Nutrient Reduction Treatment - NEWPCC							
- Environmental Reserve	9,946						9,946
- External Debt		11,395					11,395
Total Centrate Nutrient Reduction Treatment - NEWPCC	9,946	11,395					21,341
Biosolids - Alternative Disposal Delivery & Management System							
- Environmental Reserve	510	520		7,144			8,174
- External Debt					33,343	21,136	54,479
Total Biosolids - Alternative Disposal Delivery & Management System	510	520		7,144	33,343	21,136	62,653
Nutrient Removal - WEWPCC							
- Environmental Reserve	6,102						6,102
- External Debt		2,803					2,803
Total Nutrient Removal - WEWPCC	6,102	2,803					8,905
Nutrient Removal - SEWPCC							
- Environmental Reserve			5,445		2,000	8,358	15,803
- External Debt						54,611	54,611
Total Nutrient Removal - SEWPCC			5,445		2,000	62,969	70,414
Nutrient Removal - NEWPCC							
- Environmental Reserve	500	1,122		2,000	10,003		13,625
- External Debt					4,135		4,135
Total Nutrient Removal - NEWPCC	500	1,122		2,000	14,138		17,760
TOTAL SEWAGE DISPOSAL - REGIONAL	49,774	46,798	24,693	20,826	55,310	95,685	293,086
SEWAGE DISPOSAL - RESIDENTIAL							
Wastewater Sewer Renewal - Frontage Levy	420	420	420	420	420	420	2,520
TOTAL SEWAGE DISPOSAL	50,194	47,218	25,113	21,246	55,730	96,105	295,606

* Represents estimates for a 25 year plan to implement the Clean Environment Commission recommendations.

