## CITY OF AUSTIN POLICE RETIREMENT SYSTEM 2006 ANNUAL REPORT



FOR THE YEAR ENDED DECEMBER 31, 2006

## AUSTIN POLICE RETIREMENT SYSTEM 2006 ANNUAL REPORT AND MEMBERS BENEFIT GUIDE



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## Public Pension Coordinating Council Public Pension Standards 2006 Award

Presented to

#### Austin Police Retirement System

In recognition of meeting professional standards for plan design and administration as set forth in the Public Pension Standards.

Presented by the Public Pension Coordinating Council, a confederation of

National Association of State Retirement Administrators (NASRA) National Conference on Public Employee Retirement Systems (NCPERS) National Council on Teacher Retirement (NCTR)

alan Helinkle

Alan H. Winkle Program Administrator

# Introductory Section

## POLICE RETIREMENT SYSTEM BOARD OF TRUSTEES

Police Member	Lt. Peter Morin
	Chairman
Police Member	Lt. Fred Fletcher
	Vice Chairperson
Police Member	Sgt. Catherine Haggerty
Police Member	Cmdr. Michael Jung
Police Member	Lt. Sean Mannix
Retired Police Member	Kendall Thomas
Retired Police Member	John Ross
Citizen Member	Vanessa Downey-Little
City Member	Art Alfaro
	Financial Services Office
City Member	Karen Kennard
	City Managers Office
City Member	Sheryl Cole
	City Council

## PENSION OFFICE STAFF

Sampson (Sam) K. Jordan Pension Administrator

Stephanie Schkade Willie

Assistant Pension Administrator

Gabriella Powers

Financial Manager

Michelle Waller

Benefit Services Specialist

Shalonda Brown Administrative Secretary

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## <u>CUSTODIAN BANK</u> The Northern Trust Company, Chicago, Illinois

## **INVESTMENT CONSULTANT & PERFORMANCE EVALUATOR**

Consulting Services Group, Memphis, Tennessee

## <u>ACTUARY</u>

Rudd & Wisdom, Inc., Austin, Texas

## AUDITOR

Montemayor Hill & Company, P.C., Austin, Texas

LEGAL COUNSEL Kendall & Osborne, Austin, Texas

Clark, Thomas & Winters, P.C., Austin, Texas

Godwin, Pappas, Ronquillo L.P., Dallas, Texas

SECURITY LITIGATION COUNSEL Berman, DeValerio, Pease, Tobacco, Burt & Pucillo, Boston, Massachusetts

Cohen, Milstein, Hausfeld & Toll P.L.L.C., Washington, D.C.

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#### INVESTMENT MANAGERS

#### <u>Equity</u>

Aletheia Research & Management, Inc., Santa Monica, California Brandes Investments Partnership, Inc., San Diego, California CAZ Investments, Houston, Texas Crescendo Fund II, Minneapolis, Minnesota Private Capital Management, Naples, Florida Snow Capital Management, LP., Sewickley, Pennsylvania Waddell & Reed Asset Mgmt. Group, Overland Park, Kansas

#### Fixed Income

Ashmore Investment Management, Greenwich, Connecticut Pacific Investment Management Co. (PIMCO), Newport Beach, California

#### Hedge Fund

Clinton Group, LLC, New York, New York

#### **Alternatives**

#### <u>Timber</u>

Global Forest Partners, West Lebanon, New Hampshire RMK Timberland Group, Atlanta, Georgia Timberland Investment Resources, Atlanta, Georgia

## **Introductory Section**

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#### Natural Resources

Huff Energy Fund, LP, Morristown, New Jersey Pacific Investment Management Co. (PIMCO), Newport Beach, California Wellington Management Company, Boston, Massachusetts

#### <u>Real Estate</u>

C B Richard Ellis Strategic Partners, Inc. , Los Angeles, California Coventry Realty Advisors, Houston, Texas Edison Investments, Inc., Wichita, Kansas GE Asset Management, Inc., Stamford, Connecticut INVESCO Realty Advisors, Dallas, Texas JP Morgan Asset Management, New York, New York Main & Main Capital, LP, Grapevine, Texas McAlister Real Estate, Houston, Texas New Boston Fund, Inc., Boston, Massachusetts Sentinel Real Estate, Inc., New York, New York VEF Advisors, LLC, Atlanta, Georgia

2006 ANNUAL REPORT

Dear Members,

The Board of Trustees and staff of the Austin Police Retirement System are pleased to present the Annual Report for the fiscal year ended December 31, 2006.

This annual report is intended to provide complete and reliable information regarding the financial performance of the System as a means to measure the responsible stewardship of the System's assets.

This annual report is divided into the following sections;

- The Financial Section includes the independent auditor's report, Management's Discussion and Analysis (MD&A), basic financial statements and notes to the basic financial statements for the System, with required supplemental information.
- The Actuarial Section contains the consulting actuary's Certification Letter and the full actuarial valuation report.
- The Historical Improvement Highlights (last 15 years), including Comparative Statement of Membership (last 2 years) and Membership Benefit Guide Section.

During the year ending December 31, 2006, the system assets remained broadly diversified and the market value of these 'System' assets increased by 18.5% to \$461 million from \$389 million. On June 30, 2007 these same assets were valued at \$500 million (unaudited) and continued to be diversified across the following asset classes, which ranged from equities, (US domestic, international and emerging markets) fixed income (US bonds, international debt/bonds, mezzanine and hedge fund loans) real estate (apartments, commercial property and opportunistic land development) as well as natural resources (timberland, energy and commodity funds).

This asset diversification (allocation) has provided the Austin Police Retirement System increases in asset value of 11.7% in 2005, 15.8% in 2004 and 21% in 2003 since it was put in place in 2002, after the collapse of the financial markets in 2001. Experts in the financial industry continue to tell us this asset allocation provides the best opportunity of achieving the actuarial investment assumption return of 8% with the lowest volatility.

On April 1, 2007 a new program began called Forward DROP that allows active members to effectively retire, continue to work at the police department, be paid their regular rank salary, but defer their monthly annuity payments into an account that accumulates for 60 months into a 5% interest earning account.

As of June 30, 2007 there were 1526 police officers and cadets who were members of the 'System.' There were 419 retired police officers and beneficiaries of police officers receiving monthly benefits and 10 vested members entitled to future benefits but not yet receiving them.

The Board of Trustees and staff are dedicated to maintaining the System's excellent financial condition and believe that a strong Pension System benefits the City and its taxpayers, as well as the Members of the System.

As always, the Board of Trustee and staff welcome your comments and appreciate your support and the opportunity to serve you.

Sincerely,

Peter Morin Chairman, Board of Trustees



#### Montemayor Hill & Company, P.C. CERTIFIED PUBLIC ACCOUNTANTS INDEPENDENT AUDITORS' REPORT.

To the City of Austin Police Retirement System

We have audited the accompanying statements of plan net assets of the City of Austin Police Retirement System (System) as of December 31, 2006 and 2005, and the related statements of changes in plan net assets for the years then ended. These basic financial statements are the responsibility of the System's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial status of the System as of December 31, 2006 and 2005, and the changes in its financial status for the years then ended in conformity with accounting principles generally accepted in the United States of America.

Management's discussion and analysis (MD&A) and the required supplementary information on pages 2 through 5 and 20 through 21 are not a required part of the basic financial statements of the System, but are required by the Governmental Accounting Standards Board. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the MD&A and required supplemental information. However, we did not audit this information and express no opinion on it.

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June 19, 2007 Austin, Texas

> 3001 SOUTH LAMAR BOULEVARD SUITE 320 AUSTIN, TEXAS 78704 PHONE: 512:442.0380 FAX: 512:442.0817 www.montemayorhill.com

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### MANAGEMENT'S DISCUSSION AND ANALYSIS

This section of the City of Austin Police Retirement System's (the System) financial report presents our discussion and analysis of the System's financial performance during calendar years 2006 and 2005. We encourage readers to consider the information presented here in conjunction with our financial statements that follow.

Financial Highlights

- Plan net assets held in trust by the System increased by \$71.5 million, or 18.3%, in 2006 and increased by \$40.7 million, or 11.7%, in 2005. The increases in 2006 and 2005 were due to positive investment returns and contributions in excess of benefit payments.
- Contributions increased by \$2.7 million, or 11.1% in 2006 and increased by \$1.6 million, or 6.9% in 2005. The increase in 2006 is due to employee contributions increasing from 9% to 11% as of October 1, 2006 and officer general wage increases of around 5.5%. The increase in 2005 is due to the officer general wage increase of 5.5%.
- The amount of benefits paid to retired members and beneficiaries and refunded to terminating employees increased approximately \$2.1 million, or 11.3%, during 2006 and \$2.1 million, or 12.9%, during 2005. The increase in 2006 is due to the increase in the number of System retirees. The increase in 2005 is due to the increase in the number of System retirees and a retiree cost of living raise of 1.75%.
- The System's rate of return on investments for the year ended December 31, 2006 was 17.5% gross of fees and 17.0% net of fees, on a market value basis, which was more than the return of 10.8% gross of fees and 10.3% net of fees for the year ended December 31, 2005. The actuarial assumed rate of return is 8.00%, net of fees and administrative expenses.
- The funding objective of the System is to meet long-term benefit obligations through contributions and investment income. As of December 31, 2006, the date of the most recent actuarial valuation, the System's funding ratio of actuarial assets as a percentage of actuarial liabilities is 72.4%, which is down from the 75.1% level at December 31, 2005. This is primarily due to an increase in the benefit formula made possible by an increase in the member contribution rate.

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## **Financial Section**

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### MANAGEMENT'S DISCUSSION AND ANALYSIS

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Systems' financial statements, which are comprised of the following:

- Statement of Plan Net Assets presents the Systems' assets and liabilities and the resulting net assets, which are held in trust for pension benefits. This statement reflects a year-end snapshot of the Plan's investments at fair value, along with cash and short-term investments, receivables and other assets and liabilities.
- Statement of Changes in Plan Net Assets provides a view of current year additions to and deductions from the plan. These two statements report the System's net assets held in trust for pension benefits (net assets) – the difference between assets and liabilities – is one way to measure the Systems' financial position. Over time, increases and decreases in net assets are one indicator of whether its financial health is improving or deteriorating.
- Notes to the Financial Statements provide additional information that is essential to a full understanding of the data provided in the financial statements.

Collectively, this information presents the net assets held in trust for pension benefits as of the end of each year, and summarizes the changes in net assets held in trust for pension benefits for the year.

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### MANAGEMENT'S DISCUSSION AND ANALYSIS

**Financial Analysis** 

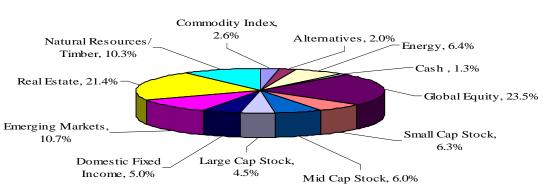
#### Summary of Plan Net Assets

December 31, 2006, 2005 and 2004

<u>Assets</u>	2006	2005	2004
Cash, receivables and prepaids	\$ 2,513,761	\$ 4,619,073	\$ 3,105,965
Investments, at fair value	459,077,479	389,661,173	346,409,188
Fixed assets, net	405,217	<u>435,166</u>	454,205
Total assets	461,996,457	394,715,412	349,969,358
<u>Liabilities</u>			
Total liabilities	<u>816,925</u>	<u>5,026,279</u>	<u>954,298</u>
Net assets held in trust for pension benefits	<u>\$461,179,532</u>	<u>\$389,689,133</u>	<u>\$349,015,060</u>

Assets. The Systems' net assets held in trust for pension benefits increased by \$71.5 million in 2006 and \$40.7 million in 2005. The 2006 and 2005 increases primarily reflect investment returns in the energy, emerging markets, real estate and timberland markets. The decrease in cash, receivables, and prepaids of approximately \$2.1 million in 2006 is primarily due to a decrease in interest and dividends receivable at year end. The increase in cash, receivables, and prepaids of approximately \$1.5 million in 2005 is primarily due to an increase in interest and dividends receivable at year end. Total investments were \$459.1 million at the end of fiscal year 2006 and \$389.7 million at the end of fiscal year 2005, which is an increase of \$69.4 million, or 17.8%, for fiscal year 2006.

Below is a chart of the System's asset allocation for fiscal year ending December 31, 2006:



#### APRS Asset Allocation Percentages as of 12/31/06

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### MANAGEMENT'S DISCUSSION AND ANALYSIS

Liabilities. Liabilities decreased by \$4.2 million in 2006 and increased by \$4.1 million in 2005. The decrease for 2006 is primarily due to no investment commitments due and payable at year end. The increase for 2005 is primarily due to a real estate capital commitment that was due and payable at the end of the year.

#### Summary of Changes in Plan Net Assets

#### Years Ended December 31, 2006, 2005 and 2004

	2006	2005	2004
Additions			
Contributions	<u>\$ 26,857,508</u>	<u>\$ 24,167,426</u>	<u>\$ 22,598,861</u>
Investment income	68,078,881	37,353,206	43,953,052
Investment expenses	<u>(1,915,119)</u>	<u>(1,492,473)</u>	<u>(1,789,244)</u>
Net investment income	66,163,762	35,860,733	42,163,808
Other income	<u>182,742</u>	<u>193,315</u>	<u>200,036</u>
Total additions	<u>93,204,012</u>	<u>60,221,474</u>	<u>64,962,705</u>
Deductions			
Benefit payments & contributions refunded	20,888,547	18,767,339	16,627,672
General and administrative expenses	<u>825,066</u>	<u>780,062</u>	<u>750,947</u>
Total deductions	<u>21,713,613</u>	<u>19,547,401</u>	<u>17,378,619</u>
Net increase	71,490,399	40,674,073	47,584,086
Net assets held in trust for pension beginning of year	<u>389,689,133</u>	349.015.060	<u>301,430,974</u>
Net assets held in trust for pension end of year	<u>\$461,179,532</u>	<u>\$389,689,133</u>	<u>\$349,015,060</u>

Additions. Funds to pay benefits are accumulated through contributions and returns on invested funds. Member and City of Austin contributions for 2006 and 2005 totaled \$26.9 million and \$24.2 million, respectively. The 2006 contributions represent an increase of \$2.7 million, or approximately 11.1% above 2005. In 2005, contributions based on payroll were \$1.6 million, or approximately 6.9% above the 2004 level. These increases are due to officer general wage increases of around 5.5% for both years. Additionally, the increase in 2006 is due to employee contributions being raised from 9% to 11% starting in October.

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#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### MANAGEMENT'S DISCUSSION AND ANALYSIS

The System incurred a positive return on the market value of its investments during 2006. Net investment gain of \$66.2 million was due to performance of the portfolio assets, which increased \$30.3 million from 2005. Interest, dividends and net securities lending income generated 2006 income of \$11.3 million, a slight decrease from the \$11.4 million received in 2005. The total rate of return for the System's investment portfolio in 2006 was 17.0% (net of fees) as compared to 10.3% (net of fees) for 2005.

Deductions. The expenses paid by the System include benefit payments, refunds of member contributions, and administrative expenses. Benefits paid to retirees in 2006 were \$20.1 million, an increase of \$1.8 million from payments made in 2005, consistent with the increase in the number of retirees to 421 in 2006 from 386 in 2005. Refunds to terminating employees increased by \$334 thousand. Administrative expenses in 2006 were \$825 thousand, slightly more than those incurred in 2005.

Benefits paid to retirees in 2005 were \$18.3 million, an increase of \$2.5 million from payments made in 2004, consistent with the increase in the number of retirees to 386 in 2005 from 356 in 2004 and the cost of living raise in the amount of 1.75%. Refunds to terminating employees decreased by \$319 thousand. Administrative expenses in 2005 were \$780 thousand, slightly more than those incurred in 2004.

Investment expenses increased by \$423 thousand in 2006 and decreased by \$297 thousand in 2005. The increase in 2006 is due to the growth of our investment assets under management and the increased investing in non-traditional investments.

Overall Analysis

As of December 31, 2006, net assets increased by \$71.5 million or 18.3% from the prior year, and over the five-year period ending December 31, 2006, net assets increased by 85.2%. The five-year period growth reflects a positive market return for the past five years.

Request for Information

This financial report is designed to provide a general overview of the finances of the City of Austin Police Retirement System for all parties with an interest. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to Pension Administrator, City of Austin Police Retirement System, P.O. Box 41089, Austin, Texas 78704-0019.

CITY OF AUSTIN POLICE RETIREMENT SYSTEM

STATEMENT OF PLAN NET ASSETS DECEMBER 31, 2006 AND 2005

#### ASSETS

	2006	2005
Investments, at fair value		
Real estate interests	\$136,499,681	\$115,002,500
Corporate stocks	149,039,163	115,543,092
Government bonds	34,917,124	41,764,468
International government securities	49,266,965	42,582,710
International stocks	56,518,146	43,164,151
Short-term investment funds	12,200,417	11,450,824
Partnership interests	11,382,743	8,114,779
Corporate bonds	0	3,063,102
Alternatives	9,064,000	8,866,173
Retiree death benefit fund	<u>189,240</u>	<u>109,374</u>
Total investments	459,077,479	389,661,173
Cash	1,158,384	1,025,907
Interest and dividends receivable	683,149	3,096,186
City of Austin retirement contributions receivable	387,301	324,063
City of Austin death benefit contributions receivable	1,751	1,694
Participant contributions receivable	251,363	161,651
Fixed assets, net	405,217	435,166
Other	<u>31,813</u>	<u>9,572</u>
	<u>461,996,457</u>	<u>394,715,412</u>
LIABILITIES		
Accounts payable and accrued liabilities	543,256	433,008
Capital calls payable	0	4,500,000
Refunds payable	<u>273,669</u>	<u>93,271</u>
	<u>816,925</u>	5,026,279
NET ASSETS HELD IN TRUST AVAILABLE FOR PENSION BENEFITS (See schedule of funding progress on page 40)	<u>\$461,179,532</u>	<u>\$389,689,133</u>

The accompanying notes are an integral part of this financial statement presentation.

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## CITY OF AUSTIN POLICE RETIREMENT SYSTEM STATEMENT OF CHANGES IN PLAN NET ASSETS YEARS ENDED DECEMBER 31, 2006 AND 2005

ADDITIONS TO PLAN NET ASSETS:	2006	2005
Contributions:		
City of Austin retirement contributions	\$16,945,167	\$15,754,922
City of Austin death benefit contributions	88,302	85,473
Participant contributions	<u>9,824,039</u>	<u>8,327,031</u>
	<u>26,857,508</u>	<u>24,167,426</u>
Investment income :		
Net increase in the fair value of investments	56,646,312	25,927,109
Interest and dividends	11,243,826	11,295,967
Securities lending	188,743	130,130
Rental and other income	<u>182,742</u>	<u>193,315</u>
Total investment gain before expenses	68,261,623	37,546,521
Investment expenses	<u>(1,915,119)</u>	<u>(1,492,473)</u>
Net gain from investments	<u>66,346,504</u>	<u>36,054,048</u>
Total additions to net assets available for benefits	<u>93,204,012</u>	<u>60,221,474</u>
DEDUCTIONS FROM NET ASSETS AVAILABLE FOR BENEFITS:		
Retirement benefit payments	20,108,420	18,306,648
Death benefit payments	7,500	22,500
Contributions refunded to terminating employees	772,627	438,191
General and administrative expenses	<u>825,066</u>	780,062
Total deductions from net assets available for benefits	21,713,613	<u>19,547,401</u>
NET INCREASE IN NET ASSETS AVAILABLE FOR BENEFITS	71,490,399	40,674,073
Beginning net assets available for benefits	<u>389,689,133</u>	<u>349,015,060</u>
ENDING NET ASSETS AVAILABLE FOR BENEFITS	<u>\$461,179,532</u>	<u>\$389,689,133</u>

The accompanying notes are an integral part of this financial statement presentation.

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 1: ORGANIZATION AND SYSTEM DESCRIPTION

The Board of Trustees (Board) of the City of Austin Police Retirement System (System) is the administrator of a single-employer defined benefit pension plan. The System is considered part of the City of Austin's (City) financial reporting entity and is included in the City's financial reports as a pension trust fund.

The System was originally established in 1979 by a City Council ordinance. Effective August 1991, the System is governed by state law with plan amendments made by the Legislature of the State of Texas. The System provides retirement, death, disability and withdrawal benefits. Benefits vest after 10 years of credited service. Participants may retire at (a) 23 years of service excluding any military service credit regardless of age, or (b) age 55 with 20 years of service excluding any military service or (c) age 62. The monthly benefit at retirement is payable as a life annuity (modified cash refund).

As of the actuarial valuation date of December 31, 2006, the monthly benefit is equal to 3.0% of the highest 36-month average salary multiplied by years and months of service. Effective December 1, 2007, the monthly benefit will be equal to 3.2% of the highest 36-month average salary multiplied by years and months of service.

The RETRO DROP provisions require that a participant must have 23 years of creditable service with the retirement system excluding any military service credit on the date the participant elects for the RETRO DROP benefit computation date. Effective April 1, 2007, the RETRO DROP was amended to include FORWARD DROP participation. Further, the RETRO DROP provisions may be changed in the future by Board rule with approval by the System's actuary, except, the age 62 minimum eligibility regardless of services may not be changed.

The Post Retirement Option Plan (PROP) is an option allowing retiring officers to leave their RETRO DROP lump sum in the System for a period of time. The participant can elect to receive partial payments from the RETRO DROP lump sum account and can also elect to delay payment of the entire RETRO DROP lump sum. Effective April 1, 2006, this option was amended whereby retirees have the ability to defer their monthly annuity payments to an interest bearing account. Interest credits will be paid on the participant's RETRO DROP lump sum and/or monthly annuity deferral account following the participant's retirement until the entire lump sum is paid. The interest credits will be granted based on an annual rate determined from time to time by Board Rule.

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#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 1: ORGANIZATION AND SYSTEM DESCRIPTION

A \$7,500 post-retirement lump sum death benefit is payable from a separate Retiree Death Benefit Fund (account) administered by the System. Effective September 1, 2007, this benefit will be increased to \$10,000 as amended by legislative act during the 80<sup>th</sup> Texas Legislative session (HB 1318). As of December 31, 2006 and 2005, the assets of the Retiree Death Benefit Fund were \$189,240 and \$109,374, respectively, which are included in the System's total market value of Net Assets Held in Trust Available for Pension Benefits of \$461,179,532 and \$389,689,133, respectively.

Distributions to members or their beneficiaries are also available in the event of total and permanent disability, provided the member has completed 10 years of service or the injury was sustained during the performance of employment duties, or upon death. The terms of benefit payments are determined by certain elections made by the member, their level of earnings and length of service. Payments to members or their beneficiaries may be increased annually on an ad hoc basis, limited to 6% per year, and subject to the approval of the Retirement Board and the actuary.

Participating members in the System include full-time police officers and cadets employed by the police department of the City and employees of the System. The following membership status of the System was reflected in the actuarial valuation as of December 31, 2006 and 2005:

Retirees and beneficiaries currently receiving benefits (421) and terminated	<u>2006</u>
employees entitled to future monthly benefits (11)	432
Current participating members	<u>1,455</u>
2006 Total	<u>1,887</u>
Retirees and beneficiaries currently receiving benefits (386) and terminated employees entitled to future monthly benefits (11)	<u>2005</u>
employees entitled to rutare monting benefits (11)	397
Current participating members	<u>1,427</u>
2005 Total	<u>1,824</u>

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### BASIS OF ACCOUNTING

The System's financial statements are prepared using the accrual basis of accounting under which expenses are recorded when the liability is incurred, revenues are recorded in the accounting period in which they are earned and become measurable, and investment purchases and sales are recorded as of their trade date. Contributions are recognized as revenues in the period in which the related employees' payroll is earned. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan.

#### CONTRIBUTIONS RECEIVABLE

The final biweekly payroll contributions of employees for the years ended December 31, 2006 and 2005, and the City's related contributions were not deposited in the System by year end and are shown as contributions receivable in both years.

#### ESTIMATES

The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of additions and deductions to net assets held in trust available for pensions benefit during the reporting period. Actual results could differ from those estimates.

#### METHOD USED TO VALUE INVESTMENTS

The System's investments are reported at fair value. Securities traded on a national or international exchange are valued at the last reported sales price at current exchange rates. Investments that do not have an established market are reported at estimated fair value. The System's real estate investments are appraised periodically and the System receives audited financial statements from the real estate investment managers, which are used to estimate fair value. Investment income is recognized in the period earned, and purchases and sales of investments are recorded on a trade-date basis.

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#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### SYSTEM EXPENSES

All System administrative costs are the responsibility of the System and are financed through investment earnings.

#### NOTE 3: FIXED ASSETS

Fixed assets are recorded at cost. Depreciation is computed using the straight-line method over the asset's estimated useful life of 30 years for the building and 5 to 7 years for furniture and equipment. Fixed asset activity for the year ended December 31, 2006 consisted of:

	Beginning			Ending
	<u>Balance</u>	Additions	<u>Deletions</u>	<u>Balance</u>
Assets not being depreciated				
Land	\$150,000	\$0	\$0	\$150,000
Assets being depreciated				
Buildings and improvements	457,955	0	0	457,955
Furniture and equipment	275,029	20,323	(550)	294,802
Leasehold improvements	30,977	0	(15,790)	15,187
Accumulated depreciation	<u>(478,795)</u>	<u>(50,272)</u>	<u>16,340</u>	<u>(512,727)</u>
Net Fixed Assets	<u>\$435,166</u>	<u>(\$29,949)</u>	<u>\$0</u>	<u>\$405,217</u>

#### NOTE 4: FEDERAL INCOME TAXES

The System is a Public Employee Retirement System and is exempt from Federal income taxes. Favorable determination letters from the Internal Revenue Service were issued in September 1996 and in April 2007.

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 5: DEPOSIT AND INVESTMENT RISK

The System is authorized as an independent, defined benefit plan as described in Article 6243n-1, Vernon's Annotated Texas Civil Statutes, that was signed into law on June 11, 1991. The Board is the trustee of System funds and has the power to invest and reinvest such funds in instruments or investments the Board considers prudent in accordance with the System's investment policy.

The Board has adopted an Investment Policy Statement (IPS) to set forth the factors involved in the management of investment assets for the System and the IPS is included with every investment manager's agreement. The fair values of the System's investments at December 31, 2006 and 2005 are presented, by type, as follows:

Investment Type	2006	2005
Real Estate Interests	\$136,499,681	\$115,002,500
Corporate Stocks	149,039,163	115,543,092
Government Bonds	34,917,124	41,764,468
International Government Securities	49,266,965	42,582,710
International Stocks	56,518,146	43,164,151
Partnership Interests	11,382,743	8,114,779
Corporate Bonds	0	3,063,102
Alternatives*	9,064,000	8,866,173
Short-term Investment Funds	12,389,657	11,560,198
Total Investments	<u>\$459,077,479</u>	\$389,661,173

\* The 2006 amount represents an offshore, multi-strategy, pooled investment. The 2005 amount represents an equity investment in an energy sector hedge fund that invests solely in equity securities and related derivatives in the energy and natural resources sectors.

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#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 5: DEPOSIT AND INVESTMENT RISK

#### CUSTODIAL CREDIT RISK

Custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, the System will not be able to recover deposits or will not be able to recover collateral securities that are in the possession of an outside party. Deposits are exposed to custodial credit risk if they are uninsured and uncollateralized. While the System has no formal policy regarding custodial credit risk, operating bank account deposits in excess of the \$100,000 coverage by FDIC are covered by pledged securities held as collateral. As of December 31, 2006 and 2005, the System's operating bank balance of \$1,158,384 and \$1,025,907, respectively, was not exposed to custodial credit risk.

Custodial credit risk for investments is the risk that, in the event of the failure of the counterparty to a transaction, a government will not be able to recover the value of investment or collateral securities that are in the possession of an outside party. Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of the System and are held by either the counterparty or the counterparty's trust department or agent but not in the System's name. As of December 31, 2006 and 2005, the System's investment securities are not exposed to custodial credit risk because all securities are held by the System's custodial bank in the System's name and securities on loan with brokers are fully insured for cash collateral.

#### CONCENTRATION OF CREDIT RISK

Concentration of credit risk is the risk of loss attributed to the magnitude of the System's investment in a single issuer. Investments issued or explicitly guaranteed by the U.S. government and investments in mutual funds, external investment pools and other pooled investments are excluded from this requirement. As of December 31, 2006 and 2005, there is no security issued by a single issuer that holds more than 5% of the System's fund. However, as of December 31, 2006 and 2005, there are 2 organizations – McAlister Real Estate and RMK Timberland Group - that hold more than 5% of the System's total fund. As of December 31, 2006, McAlister and RMK hold approximately 8.04% and 7.42%, respectively. As of December 31, 2005, McAlister and RMK held approximately 7.52% and 7.46%, respectively.

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 5: DEPOSIT AND INVESTMENT RISK

The Board and Investment Policy Statement (IPS) seek to minimize risk by diversification, setting high investment manager characteristics, providing managers with investment guidelines, and monitoring/reviewing, on a quarterly basis, for compliance.

Diversification is achieved through providing a wide variety of investment classes in which to invest the Systems funds. The IPS sets the following allowable ranges and target asset allocations for the Systems' funds:

<u>Class</u>	Allowable Range	Target Asset Allocation
Global Equity	0% - 35%	25.00%
Domestic Small Cap. Equity/ Venture Capital	0% - 20%	5.00%
Domestic Mid Cap. Equity	0% - 20%	5.00%
Domestic Large Cap. Equity	0% - 20%	5.00%
Domestic Fixed Income	0% - 20%	5.00%
Global Fixed Income	0% - 10%	0.00%
Emerging Market Debts/Fund of Funds	0% - 10%	10.00%
Hedge Funds/Fund of Funds	0% - 15%	0.00%
Real Estate	0% - 30%	25.00%
Private Equity Funds/Fund of Funds	0% - 10%	0.00%
Natural Resources (Timberland)	0% - 15%	10.00%
Commodities	0% - 10%	2.50%
Energy Fund	0% - 7.5%	7.50%
Cash or Cash Equivalents	0% - 100%	0.00%

The allowable range means the highest and lowest percentage of each asset class allowed. The target asset allocation is the average allocation desired over time. The Board may decide to vary from the target asset allocation at its discretion to protect assets in down markets or to take advantage of strong up markets.

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 5: DEPOSIT AND INVESTMENT RISK

Significant guidelines by type of investment are as follows:

#### U.S. Equity Managers

- No more than 40% of the portfolio can be invested in any one "sub-industry group" based on market value for small and mid cap managers – No more than 40% of the portfolio can be invested in any one industry group based on market value for large cap managers
- Equities purchased should have a minimum market capitalization of \$50 million for small cap managers, \$750 million for mid cap managers and \$5 billion for large cap managers (except up to 20% may be below \$5 billion, but no lower than \$1 billion)
- Cash reserves should be invested in interest bearing securities with slight risk of loss and price fluctuation or in money market funds

Global Equity Managers

- No more than 10% of the portfolio can be invested in any one company based on market value of the portfolio
- No more than 40% of the portfolio can be invested in any one industry based on market value of the portfolio
- Equities purchased should have a minimum market capitalization of \$5 billion
- Cash reserves should be invested in money market funds

Emerging Markets Managers

- No more than 35% of the portfolio will be invested in obligation of or in any one country
- No more than 25% of the portfolio will be in currencies other than US dollars (unless hedged into US dollars)
- No more than 25% of the portfolio will be in any one currency (other than US dollars)
- No more than 20% of the portfolio will be invested in equity securities
- May deal in options and sell investments short for efficient portfolio management purposes or to hedge. The margins and premiums associated with options and payable for such transactions shall not exceed 10% of the portfolio net asset value

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## **Financial Section**

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 5: DEPOSIT AND INVESTMENT RISK

Fund of Funds Managers

- No more than 50% of the net asset value of the allocation will be invested in any one underlying fund
- No more than 50% of the net asset value of the allocation will be exposed to investments, held through the underlying funds, that are not denominated in USD or other G7 currencies
- No more than 50% of the net asset value of the allocation will be invested in underlying funds that are principally equity funds
- May use leverage and derivatives for efficient portfolio management purposes or to hedge. Margin associated with an exchange derivative and futures transaction and premium associated with over-the-counter option transactions and payable for such transactions shall not exceed 10% of the net asset value of the allocation.

Domestic Fixed Income Managers

- Liquidity of the portfolio should be enhanced through purchases of highly marketable securities
- Holdings should be reasonably diversified to the extent it is prudent to do so
- Maturities of one year or greater retained in the portfolio should be of an original issue size in excess of \$50 million
- Cash reserves should be invested in money market funds

INTEREST RATE RISK

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The System does not have a formal policy that limits investment maturities as a means of managing its exposure to fair value losses arising from increasing interest rates.

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### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 5: DEPOSIT AND INVESTMENT RISK

As of December 31, 2006, the System had the following investments and maturities:

		Less than 1		
Investment Type	<u>Fair Value</u>	<u>year</u>	<u>1 to 6 years</u>	<u>6 to 10 years</u>
International Securities	\$33,464,308	\$0	\$5,320,053	\$28,144,255
Government Bonds	34,917,124	<u>0</u>	22,955,559	<u>11,961,565</u>
Totals	<u>\$68,381,432</u>	<u>\$0</u>	<u>\$28,275,612</u>	<u>\$40,105,820</u>

As of December 31, 2005, the System had the following investments and maturities:

Investment Type	Fair Value	<u>Less than 1</u> <u>year</u>	<u>1 to 6 years</u>	<u>6 to 10 years</u>
Corporate Bond	\$3,063,102	\$238,369	\$2,824,733	\$0
International Securities	29,040,011	0	0	29,040,011
Government Bonds	<u>41,764,468</u>	<u>0</u>	29,427,606	<u>12,336,862</u>
Totals	<u>\$73,867,581</u>	<u>\$238,369</u>	<u>\$32,252,339</u>	<u>\$41,376,873</u>

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 5: DEPOSIT AND INVESTMENT RISK

#### CREDIT RISK

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations to the System. While the System has no formal investment policy regarding credit quality rating guidelines, the IPS allows investment managers full discretion in adopting investment strategies to deal with these risks and the portfolios are monitored quarterly by the investment committee.

The quality ratings of investments in fixed income securities as described by nationally recognized statistical rating organizations at December 31, 2006, are as follows:

			<u>Government</u>
<u>Quality Rating</u>	<u>Total Fair Value</u>	Int'l Securities	<u>Bonds</u>
A1/A+	\$680,879	\$680,879	
A3/A-	918,345	918,345	
B1/B+	2,612,686	2,612,686	
B2/B	4,420,259	4,420,259	
B3/B-	5,229,530	5,229,530	
Ba1/BB+	942,793	942,793	
Ba2/BB	11,686,430	11,686,430	
Ba3/BB-	3,250,871	3,250,871	
Baa1/BBB+	2,520,959	2,520,959	
Baa2/BBB	5,317,449	5,317,449	
Baa3/BBB-	1,470,328	1,470,328	
Caa1/CCC+	215,927	215,927	
AAA*	11,961,565		\$11,961,565
AA+*	22,955,559		22,955,559
Not Rated	7,550,236	7,550,236	
Unrated	2,450,273	2,450,273	
Total	<u>\$84,184,089</u>	<u>\$49,266,965</u>	<u>\$34,917,124</u>

\* Average Quality Rating – credit quality of the holdings in an open-end institutional mutual fund

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 5: DEPOSIT AND INVESTMENT RISK

The quality ratings of investments in fixed income securities as described by nationally recognized statistical rating organizations at December 31, 2005, are as follows:

			<u>Corporate</u>	
<u>Quality Rating</u>	<u>Total Fair Value</u>	Int'l Securities	<u>Bonds</u>	<u>Government Bonds</u>
A3/A-	\$2,384,678	\$2,384,678		
B1/B+	8,122,315	8,122,315		
B2/B	4,324,332	4,324,332		
B3/B-	5,262,827	5,262,827		
Ba1/BB+	408,672	408,672		
Ba2/BB	4,074,181	4,074,181		
Ba3/BB-	525,020	525,020		
Baa1/BBB+	13,543	13,543		
Baa2/BBB	1,835,789	1,597,420	\$238,369	
Baa3/BBB-	5,277,376	5,277,376		
Caa1/CCC+	488,891	488,891		
AAA*	41,764,468			\$41,764,468
Not Rated	5,674,499	5,674,499		
Unrated	4,428,956	<u>4,428,956</u>		
Total	<u>\$84,585,547</u>	<u>\$42,582,710</u>	\$238,369	<u>\$41,764,468</u>

\*Average Quality Rating – credit quality of the holdings in an open-end institutional mutual fund

#### FOREIGN CURRENCY RISK

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. Although the System does not have a formal investment policy governing foreign currency risk, the System does manage its exposure to fair value loss by requiring their international investment managers to maintain diversified portfolios to limit foreign currency risk.

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 5: DEPOSIT AND INVESTMENT RISK

The System holds investments in ADRs (American Depository Receipts) which are not included in the schedule below since they are denominated in US dollars and accounted for at fair market value.

The System's exposure to foreign currency risk as of December 31, 2006, is as follows:

Currency	Partnership Interest (1)	Int'l Stocks	Int'l Gov't Se- curities	Corp Stocks (2)	Gov't Bonds (3)
Euro		\$25,776,175	\$368,202	\$371,415	\$987,178
Mexican Peso			2,999,675		
Hong Kong Dollar			233,879	20,215	
Japanese Yen		8,826,168			803,002
Turkish New Lira			629,215		
Norwegian Krone				101,138	
British Pound Sterling		10,827,933		323,583	
Brazilian Real			2,770,341		
Swiss Franc		3,100,205	118,206		
Australian Dollar	\$4,712,027			127,607	
Singapore Dollar			802,488		
South African Rand			1,224,863		
Polish Zloty			1,712,272		
Russian Rouble			1,576,170		
South Korean Won		99,000	453,244		
Canadian Dollar				5,381,708	399,831
Other			<u>5,425,272</u>		<u>556,037</u>
Totals	<u>\$4,712,027</u>	<u>\$48,629,481</u>	<u>\$18,313,827</u>	<u>\$6,325,666</u>	<u>\$2,746,048</u>

(1) Represents a commingled timberfund

(2) Represents a commingled pool in equity investments

(3) Represents an open-end institutional mutual fund

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### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 5: DEPOSIT AND INVESTMENT RISK

The System's exposure to foreign currency risk as of December 31, 2005, is as follows:

Currency	Partnership Interest (1)	Int'l Stocks	Int'l Gov't Securities	Alternatives (4)	Corp Stocks (2)	Gov't Bonds (3)
Euro		\$19,707,803	\$18,960	\$332,570	\$57,321	
Mexican Peso			2,428,081			
Hong Kong Dollar					20,399	
Japanese Yen		8,353,125				
Turkish New Lira			2,317,141			
Norwegian Krone				84,938	109,873	
British Pound Sterling		7,840,093		166,507	121,605	\$182,765
Brazilian Real			2,853,586			
Swiss Franc		3,438,082				
Australian Dollar	\$4,541,787		21,668	95,489	84,590	
Singapore Dollar		862,082	616,193			
Russian Rouble			1,698,226			
South Korean Won		80,015	559,313		151,319	
Canadian Dollar				972,087	2,474,410	
Other			<u>3,709,081</u>	<u>88,662</u>		
Totals	<u>\$4,541,787</u>	<u>\$40,281,200</u>	<u>\$14,222,249</u>	<u>\$1,740,253</u>	<u>\$3,019,517</u>	<u>\$182,765</u>

(1) Represents a commingled timberfund

(2) Represents a commingled pool in equity investments

(3) Represents an open-end institutional mutual fund

(4) Represents an equity investment in an energy sector hedge fund

#### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

#### NOTES TO FINANCIAL STATEMENTS

#### NOTE 6: SECURITIES LENDING

The System participates in a securities lending program sponsored by its custodian, The Northern Trust Company under which, for an agreed-upon fee, System owned investments are lent to a borrowing financial institution. Under this agreement, the borrowed securities are ultimately returned to the System and the collateral is returned to the borrower. Securities are loaned versus collateral that may include cash, U.S. government securities and irrevocable letters of credit. U.S. securities are loaned versus collateral value at 102% of the market value of the securities plus any accrued interest. Non-U.S. securities plus any accrued interest.

The System is not exposed to credit risk at December 31, 2006 and 2005, respectively, as the collateral held exceeded the market value of the securities lent. All security loans can be terminated on demand by either the lender or the borrower. The average number of days that the System's securities were borrowed was approximately 104 days and 100 days as of December 31, 2006 and 2005, respectively.

Non-cash collateral cannot be pledged or sold unless the borrower defaults. Cash collateral is invested in a short-term investment pool, the Core USA Collateral Section, which has an average weighted maturity less than the maturity of the loaned securities. Cash collateral may also be invested separately in "term loans", in which case the investments match the loan term. These loans can be terminated on demand by either lender or borrower.

There were no significant violations of legal or contractual provisions and no borrower or lending agent default for fiscal years 2006 and 2005. There are no dividends or coupon payments owing to the securities lent. Securities lending earnings are credited to the System's account on approximately the fifteenth day of the following month.

Indemnification deals with the situation in which a client's securities are not returned due to the insolvency of a borrower and Northern Trust has failed to live up to its contractual responsibilities relating to the lending of those securities. Northern Trust's responsibilities include performing appropriate borrower and collateral investment credit analyses, demanding adequate types and levels of collateral, and complying with applicable Department of Labor and Federal Financial Institutions Examination Council regulations concerning securities lending.

### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

### NOTES TO FINANCIAL STATEMENTS

### NOTE 6: SECURITIES LENDING

As of December 31, 2006 and 2005, respectively, the System owned the following investments that were in possession of a borrowing financial institution:

2006	Market Value of Loaned Securities Collateralized by Cash Collateral	Cash Collateral	Market Value of Loaned Securities Collateralized by Non-Cash Collateral	Non-Cash Collateral
Security Type: US Equities Global Equities Total	\$29,044,650 <u>1,422,153</u> <u>\$30,466,803</u>	\$29,864,558 <u>1,470,009</u> <u>\$31,334,567</u>	\$233,425 <u>0</u> <u>\$233,425</u>	\$239,921 <u>0</u> <u>\$239,921</u>
2005	Market Value of Loaned Securities Collateralized by Cash	Cash Collateral	Market Value of Loaned Securities Collateralized by Non-Cash Collateral	Non-Cash Collateral
Security Type: US Equities Global Equities Total	\$20,211,037 <u>3,201,408</u> <u>\$23,412,445</u>	\$20,778,610 <u>3,359,211</u> <u>\$24,137,821</u>	\$0 <u>0</u> <u>\$0</u>	\$0 Q <u>\$0</u>

### NOTE 7: CONTRIBUTIONS

The System is funded by biweekly contributions from the basic compensation, consisting of base pay and longevity pay, of police officers and by contributions from the City. Under the provisions that were in effect on December 31, 2005, and until September 30, 2006, participants were required to contribute 9% of their basic compensation to the System. Effective October 1, 2006, the participants contributions increased to 11% of their basic compensation.

## **Financial Section**

### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

### NOTES TO FINANCIAL STATEMENTS

### NOTE 7: CONTRIBUTIONS

The City is required to make contributions equal to 18% of basic compensation and could authorize additional contributions. Effective September 1, 2003, a portion of the City's total 18% contribution is allocated to the Retiree Death Benefit Fund. This portion, redetermined annually, was 0.094% for 2006 based on the December 31, 2004 actuarial valuation and is 0.081% for 2007 based on the December 31, 2005 actuarial valuation. This portion was redetermined based on the December 31, 2006 actuarial valuation to be .100% for 2008.

The City contribution rate is required by the state law governing the System and may be changed by amendment made by the Legislature of the State of Texas. The participant contribution rate must be at least 6% but was increased to 9% effective October 1993, 11 % effective October 2006, and 13% effective October 2007 by a recommendation of the Retirement Board and an approving vote of the participating members in accordance with the state law governing the System. The participant contribution rate may be changed by amendment made by the Legislature of the State of Texas or by appropriate actions of the Board and the participating members in accordance with the state law governing the System.

While contribution rates are not actuarially determined, state law requires that each plan of benefits adopted by the System must be approved by a qualified actuary. The actuary certifies that the contribution commitment by the police officers and the City provides an adequate financing arrangement. Using the entry age actuarial cost method, the System's normal cost is determined as a percentage of payroll. The excess of the total contribution rate over the normal cost rate is used to amortize the System's unfunded actuarial accrued liability, and the number of years needed to amortize the System's unfunded actuarial accrued liability is determined using an open, level percentage of payroll method. Based on the actuarial valuation as of December 31, 2006 and the current plan provisions, the normal cost was 21.691% of pay and the amortization period was 29.7 years.

### NOTE 8: COMMITMENTS

The System's investments in real estate and partnership interests are included in the table appearing in note 5. In connection with those investments, the System has remaining commitments as of December 31, 2006 and 2005 of approximately \$34.0 million and \$19.4 million, respectively, pursuant to the terms of the respective interests.

### CITY OF AUSTIN POLICE RETIREMENT SYSTEM

### NOTES TO FINANCIAL STATEMENTS

### NOTE 9: SUBSEQUENT EVENTS

On April 18, 2007, the APRS Board approved a commitment of \$500 thousand to renovate and move into its future office site, Suite 100 of the Kendall Thomas/Chesley Wood office building located at 2520 South IH-35, Austin, TX 78704, which is owned by APRS.

On June 1, 2007, APRS sold its investment property at 2424 & 2430 South IH-35 in Austin, TX for \$685 thousand. This investment property was appraised at \$500 thousand at December 31, 2006.

# **Financial Section**

CITY OF AUSTIN POLICE REITREMENT SYSTEM DISCLOSURES IN ACCORDANCE WITH GASB STATEMENT NO. 25 REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED)

Actuarial Valuation Date	Actuarial Value of Assets (a)	Entry Age Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (UAAL) (b - a)	Funded Ratio (a/b)	Annual Covered Payroll <sup>1</sup> (c)	UAAL as a Percentage of Covered Payroll ((b - a)/c)
12/31/01	\$284,761,203	\$347,548,177	\$62,786,974	81.9%	\$69,706,749	90.1%
12/31/022	298,781,560	384,991,799	86,210,239	77.6	79,236,366	108.8
12/31/03	320,354,298	413,964,994	93,610,696	77.4	80,958,862	115.6
12/31/04 <sup>3</sup>	343,446,574	451,579,880	108,133,306	76.1	86,673,590	124.8
12/31/053	371,504,533	494,640,856	123,136,323	75.1	93,428,957	131.8
12/31/063,4	417,283,844	576,125,324	158,841,480	72.4	100,090,151	158.7

### I. Schedule of Funding Progress

<sup>1</sup> The covered payroll is based on the annual rate of base pay and longevity pay used in the valuation.

<sup>2</sup> Reflects changes in plan benefit provisions effective September 1, 2003.

<sup>3</sup> Some of the actuarial assumptions were revised.

<sup>4</sup> Reflects changes in plan benefit provisions effective September 1, 2007 and December 1, 2007.

See independent auditors' report.

## **Financial Section**

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CITY OF AUSTIN POLICE REITREMENT SYSTEM DISCLOSURES IN ACCORDANCE WITH GASB STATEMENT NO. 25 REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED)

II. Schedule of Employer Contributions

Plan Year Ended December 31	Annual Contribution As a Fixed Percentage of Payroll	Annual Required Contribution <sup>1</sup>	Percentage Contributed
2001	18%	\$11,178,204	100%
2002	18	12,566,293	100
2003	18.000/17.9062	13,929,724 <sup>3</sup>	100
2004	17.906	14,714,1744	100
2005	17.902	15,754,9225	100
2006	17.906	16,945,1676	100

<sup>1</sup> The annual required contribution is based on actual covered payroll.

- <sup>2</sup> Effective September 1, 2003, a portion of the Employer's total 18% contribution is allocated to a Retiree Death Benefit Fund.
- <sup>3</sup> The employer's total contribution during 2003 including the Retiree Death Benefit Fund was \$13,950,555.
- <sup>4</sup> The employer's total contribution during 2004 including the Retiree Death Benefit Fund was \$14,794,834.
- <sup>5</sup> The employer's total contribution during 2005 including the Retiree Death Benefit Fund was \$15,840,395.
- <sup>6</sup> The employer's total contribution during 2006 including the Retiree Death Benefit Fund was \$17,033,469.

See independent auditors' report.

## **Financial Section**

### CITY OF AUSTIN POLICE REITREMENT SYSTEM

### DISCLOSURES IN ACCORDANCE WITH GASB STATEMENT NO. 25

### REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED)

III. Notes to Required Supplementary Information

The information presented in the required supplementary schedules was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation follows.

Valuation date	December 31, 2006
Actuarial cost method	Entry Age
Amortization method	Level percentage of projected payroll, open
Amortization period	29.7 years
Asset valuation method	Market value smoothed by a 5-year deferred recognition
	method with a 80%/120% corridor on market
Actuarial assumptions:	
- Investment rate of return, net	
of expenses	8.0%
- Projected salary increases including	
promotion and longevity	4.0% to 22.0% per year, averaging 6.8%
- Inflation rate per year	4.0%
- Postretirement cost-of-living adjustments	None

See independent auditors' report.

# Actuarial Section

### AUSTIN POLICE RETIREMENT SYSTEM

ACTUARIAL VALUATION AS OF DECEMBER 31, 2006

AUGUST 13, 2007

Rudd and Wisdom, Inc. -

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# Rudd and Wisdom, Inc.

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August 13, 2007

Police Retirement Board Austin Police Retirement System Post Office Box 684808 Austin, Texas 78768

### Re: Actuarial Valuation as of December 31, 2006

Members of the Board of Trustees:

In accordance with the requirements of Article 6243n-1, which is the state law governing the Austin Police Retirement System (System), an actuarial valuation of the System as of December 31, 2006 has been completed. The data for police officers, pensioners, and assets used in the valuation were provided on behalf of the Board of Trustees by Sam Jordan, Pension Administrator for the System.

The results of the December 31, 2006 actuarial valuation are described in the Summary section of the report. A comparison of the current valuation with the December 31, 2005 valuation is also discussed in this section. The comparative valuation balance sheets are shown in Exhibit 1. Exhibit 2 shows a 25-year projection of the assets of the System. Exhibits 3 through 6 summarize the System's assets and development of the actuarial value of assets. Data on both police officers and pensioners are contained in Exhibits 7 through 11. Exhibit 12 shows a historical comparison of the actuarial accrued liability and the actuarial value of assets.

A summary plan description based on the current plan is included as Exhibit 13. The actuarial methods and assumptions are described in Exhibits 14 through 19, which include a description of assumption changes since the prior valuation. Exhibit 20 defines certain actuarial terms used in this report.

Police Retirement Board Page 3 August 13, 2007

The disclosures required in accordance with Statement Number 25 of the Governmental Accounting Standards Board (GASB) for the System's annual report are needed for the System's financial statements. They are included in Exhibit 21. The disclosures required in accordance with GASB Statement Number 27 are needed for the City of Austin's financial statements. They are included in Exhibit 22.

Respectfully submitted,

Robert M. May

Robert M. May Fellow, Society of Actuaries Enrolled Actuary

Mark R. Fenlaw

Mark R. Fenlaw Fellow, Society of Actuaries Enrolled Actuary

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#### Summary

### Austin Police Retirement System Results of December 31, 2006 Actuarial Valuation

The valuation balance sheet as of December 31, 2006, shown in Exhibit 1, reveals that the plan has an unfunded actuarial accrued liability (UAAL) of \$158,841,480. Total contributions of 29% of pay (11% by the police officers and 18% by the City of Austin) through September 30, 2007 and 31% of pay (13% by the police officers and 18% by the City of Austin) thereafter are contributed to the System. Effective September 1, 2003, a very small portion of the city's biweekly contributions began to be allocated by the Board to a Retiree Death Benefit Fund (account) within the System, which is being used to pay the post-retirement lump sum death benefits after that date. Effective September 1, 2007, the amount of this post-retirement lump sum death benefit was increased from \$7,500 to \$10,000 as the result of passage of an amendment to the state law governing the System.

The normal cost for the projected benefits for each police officer based on the current plan provisions is 21.691% of pay. Since total contributions on behalf of each police officer are more than the normal cost, the remaining portion can be used to amortize the plan's UAAL. Assuming that the total payroll increases at the rate of 4% per year in future years attributable to general pay increases, the UAAL will be amortized in 29.7 years.

The valuation balance sheets in Exhibit 1 compare the actuarial condition of the System on December 31, 2006 with the condition on December 31, 2005. The December 31, 2005 valuation is based on the plan provisions which are in effect on that date. The December 31, 2006 valuation is based on the plan provisions, summarized in Exhibit 13.

Between these two valuations, the period for amortizing the UAAL has decreased by 8.6 years (from 38.3 years to 29.7 years). The most significant events that have occurred since the prior valuation are the increase in the police officers' contribution rate from 9% to 13% in two steps, the increase in the multiplier from 3.0% to 3.2% of final average pay per year of service, and the companion 6.67% increase in the monthly benefit of pensioners. In a special study based on the August 31, 2005 actuarial valuation, we determined that these changes reduced the amortization period from 38.3 years to 33.0 years.

Since one year has passed since the prior valuation date, a one-year reduction in the amortization period to 32.0 years would be expected if the experience of the System had been exactly as anticipated (including an 8% rate of investment return on the AVA). For the reasons described below, the System's amortization period was 2.3 years less than expected.

 The rate of investment return, net of all expenses, on the market value of assets during 2006 was 16.7%. However, the actuarial value of assets (AVA) used in the valuation and the determination of the amortization period is based on an adjusted market value. In particular, the AVA defers recognition of portions of the significant gains in the years 2003 through 2006 but recognizes the remaining portion of the previously partially deferred large loss in 2002. The rate of investment return on the AVA, net of expenses, for 2006 was 10.6% compared to the assumed rate of return of 8%.

<sup>1</sup> 

Therefore, the AVA as of December 31, 2006 is larger than expected and caused a **decrease** in the amortization period of 4.8 years.

- 2. Police officers received a 5.5% general pay increase on October 1, 2006. The pay increase was greater than expected because we assumed that general pay would increase by 4% in 2006. This caused the amortization period to increase 2.1 years.
- 3. The covered payroll increased by 7.1% since the prior valuation, more than the assumed 4.0% increase. The higher payroll **decreased** the amortization period by 1.3 years.
- 4. The demographic experience in the aggregate was slightly adverse, increasing the amortization period by 1.4 years.
- 5. The net change in assumptions had the effect of **increasing** the amortization period by 0.3 of a year.

In summary, this valuation reveals that the actuarial value of assets plus future investment income received by the System and future contributions that will be provided by the police officers and the City of Austin will be adequate to pay the benefits provided by the state law and board rules governing the System. In order for the System to have an adequate financing arrangement, contributions must be made that are sufficient to pay for the System's normal cost and amortize its unfunded actuarial accrued liability over an acceptable period of time. Based on the Texas State Pension Review Board guidelines, our professional judgment, and the actuarial assumptions and cost methods used in this valuation, we consider periods of 25 years to 30 years to be preferable for the System and 40 years to be the maximum acceptable period.

The total contributions to the System are sufficient to pay for the System's normal cost and provide an additional amount that will result in amortization of the unfunded actuarial accrued liability in 29.7 years. In addition, we believe that it is appropriate to assume that the police officers and the City will be able to maintain their commitment in future years to contribute 13% and 18%, respectively, of compensation into the System. Consequently, we are of the opinion that the System has an adequate financing arrangement based on the levels of benefits and contributions recognized in this valuation.

### **Projected Actuarial Valuation Results**

In addition to completing this actuarial valuation, we did an analysis to estimate the amortization periods over the next four years. We did these projections because the significant actuarial investment gains that the System experienced in each of the years 2003-2006 have been only partially recognized as of December 31, 2006. As shown in Exhibit 5, a smoothing method is used to determine the actuarial value of assets (AVA) that is used in this valuation. This method phases in over a five-year period any investment gains or losses (actual net investment return greater or less than the actuarially assumed net investment return) that the System has had. The AVA used in this current valuation is deferring recognition of a portion of the investment gains in 2003-2006. (There were no investment losses during that period.) The AVA used in this valuation is \$417,283,844. The method used to determine this amount is shown in Exhibit 5. The

market value of assets, excluding the Retiree Death Benefit Fund, is \$460,990,292. The difference between this market value and the AVA, \$43,706,448, is the total of the deferred gains that will be recognized in actuarial valuations over the next four years.

For the purpose of projecting the amortization period in the future, we have assumed that the System would have an annual rate of investment return, net of all expenses, equal to the expected actuarial assumed investment rate of 8% per year. The projections also reflect the valuation assumption of a 4% annual covered payroll growth and assume that no future ad hoc cost-of-living adjustments will be granted. The projected amortization periods are not actual amortization periods from completed actuarial valuations but are projected from the completed December 31, 2006 actuarial valuation, showing the expected effects of the recognition over the next four years of the portions of the past investment gains and losses that are deferred as of December 31, 2006.

	Amortization Period		
Valuation Date	Actual	Projected	
December 31, 2006	29.7		
December 31, 2007		22.8	
December 31, 2008		18.8	
December 31, 2009	2-0-0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	16.0	
December 31, 2010		13.8	

The amortization period is projected to decrease more rapidly than the expected one year between valuation dates because all of the investment loss from 2002 has been fully recognized in the December 31, 2006 valuation and the remaining portions of the investment gains from 2003, 2004, 2005 and 2006 are projected to be recognized in valuations in the next four years, thereby reducing the amortization period by a much greater than expected number of years. If in 2007 and later the System has investment experience above the assumed 8% or greater payroll growth than the assumed 4% caused by an increase in the number of active member police officers, the amortization periods could be less than shown above. On the other hand, investment experience or payroll growth less than assumed would cause the amortization periods to be greater than shown The System's other non-investment experience will also affect the future above. amortization periods.

### **Retiree Death Benefit Fund**

The statute established a Retiree Death Benefit Fund effective September 1, 2003. This fund is a separate account within the System used to pay post-retirement lump sum death benefits. The amount of these benefits was increased from \$7,500 to \$10,000 effective September 1, 2007 by an amendment to the statute. The Retiree Death Benefit Fund is funded by a portion of the city's total contribution rate of 18%. As part of this December 31, 2006 actuarial valuation, the city contribution needed for the Retiree Death Benefit Fund has been re-determined to be 0.100%. We recommend that this new rate be effective January 1, 2008, replacing the rate of 0.081% effective for 2007 that was determined based on the prior \$7,500 death benefit amount and the December 31, 2005 actuarial valuation.

> Rudd and Wisdom, Inc. 3

The remaining 17.900% (18% less 0.100%) of the city's contribution will be used for the System's liabilities excluding the post-retirement lump sum death benefits. The 0.100% city contribution rate is comprised of the normal cost percentage plus an additional amount to amortize the unfunded actuarial accrued liability for only the \$10,000 post-retirement lump sum death benefits over 30 years as shown below. The amortization of this unfunded liability is determined as a level percentage of payroll assuming that the payroll will increase 4% per year.

Allocated City Contribution Effective January 1, 2008 for the Retiree Death Benefit Fund				
Normal cost	0.029%			
Thirty-year amortization of unfunded actuarial accrued liability	0.071			
Total city contribution rate allocated to the Retiree Death Benefit Fund as of January 1, 2008	0.100%			

The 0.100% city contribution rate was determined using the same funding method and actuarial assumptions used in this December 31, 2006 actuarial valuation for the System. In particular, the Entry Age Actuarial Cost Method is used with the normal cost determined as a level percentage of payroll. The RP-2000 Mortality Tables for males and females projected to 2006 are used for both active and retired members. The following is a summary of the actuarial valuation results of the liabilities for the \$10,000 post-retirement lump sum death benefits.

	Actuarial Valuation Results of the Retiree Death Benel December 31, 2006	iit Fund as of
1.	Actuarial present value of future benefits	
	a. Current retired members	\$ 908,324
	b. Current active members	828,878
	c. Total	\$1,737,202
2.	Actuarial present value of future normal	
	cost contributions	\$ 303,657
3.	Actuarial accrued liability (Item 1c - Item 2)	\$ 1,433,545
4.	Assets of fund	\$ 189,240
5.	Unfunded actuarial accrued liability (Item 3 - Item 4)	\$ 1,244,305

### Exhibit 1

### Austin Police Retirement System Actuarial Valuation Balance Sheets

		$\frac{\text{December 31,}}{2005^1}$	$\frac{\text{December 31,}}{2006^2}$
1.	Actuarial present value of future benefits		
	<ul> <li>Payable to those now receiving benefits or entitled to receive benefits</li> </ul>	\$ 190,436,407	\$ 225,435,369
	b. Payable to police officers	513,336,405	593,172,782
	c. Total	\$ 703,772,812	\$ 818,608,151
2.		\$ 703,772,012	5 818,008,151
2.	cost contributions	\$ 209,131,956	\$ 242,482,827
3.	Actuarial accrued liability (Item 1c-Item 2)	\$ 494,640,856	\$ 576,125,324
4.	Actuarial value of assets	\$ 371,504,533	\$ 417,283,844
4. 5.	Unfunded actuarial accrued liability (UAAL)	\$ 123,136,323	\$ 158,841,480
5.	(Item 3-Item 4)	\$ 125,150,525	\$ 130,041,400
6.	Total contributions (percent of payroll) <sup>3</sup>	26.919%	30.900%
7.	Normal cost (percent of payroll)	20.241%	21.691%
8.	Percent of payroll available to amortize		
	the UAAL	6.678%	9.209%
9.	Annualized covered payroll	\$ 93,428,957	\$ 100,090,151
10.	Present annual amount available to		
	amortize the UAAL	\$ 6,239,186	\$ 9,217,302
11.	Years to amortize the UAAL	38.3 Years	29.7 Years <sup>4</sup>

<sup>1</sup> Reflects plan provisions effective September 1, 2003 and excludes the \$7,500 post-retirement lump sum death benefit.

<sup>2</sup> Reflects plan provisions effective December 1, 2007 and excludes the \$10,000 post-retirement lump sum death benefit effective September 1, 2007.

<sup>3</sup> The total contribution rate of 27% (9% by members and 18% by the city) in the December 31, 2005 valuation and 31% (13% by members and 18% by the city) in the December 31, 2006 valuation is reduced by the calculated city contribution rate for the separate Retiree Death Benefit Fund used to pay \$7,500 post-retirement lump sum death benefits in the December 31, 2005 valuation and the \$10,000 post-retirement lump sum death benefits in the December 31, 2006 valuation.

<sup>4</sup> Calculated to reflect the increase in the police officers' contribution rate from 11% of covered compensation to 13% effective October 2007.

### Exhibit 2

Austin Police Retirement System

25-Year Projection

Year	Market Value of Fund at Beginning of Year	Contributions by City and Police Officers	Net Investment Income	Monthly Benefit Payments	Lump Sum Payments	Market Value of Fund at End of Year	Ratio of Fund to Payments
2002	\$ 264,452,675	\$ 19,914,403 \$	-20,876,785 \$	13,074,962 \$	1,430,698	\$ 248,984,633	17.16
2003	248,984,633	21,340,424	46,292,722	13,394,684	1,792,121	301,430,974	19.85
2004	301,430,974	22,598,861	41,612,897	15,971,005	656,667	349,015,060	20.99
2005	349,015,060	24,167,426	35,273,986	18,022,569	744,770	389,689,133	20.76
2006	389,689,133	26,857,508	65,521,438	19,381,191	1,507,356	461,179,532	22.08
2007	461,179,532	29,526,595	36,960,848	23,290,561	4,573,910	499,802,504	17.94
2008	499,802,504	32,269,065	40,066,806	27,099,537	3,104,397	541,934,441	17.94
2009	541,934,441	33,559,828	43,385,598	29,477,010	3,311,741	586,091,116	17.87
2010	586,091,116	34,902,221	46,869,225	31,925,597	3,428,220	632,508,745	17.89
2011	632,508,745	36,298,310	50,519,051	34,373,987	3,965,545	680,986,574	17.76
2012	680,986,574	37,750,242	54,357,900	36,783,456	3,992,437	732,318,823	17.96
2013	732,318,823	39,260,252	58,405,379	39,178,604	4,584,821	786,221,029	17.97
2014	786,221,029	40,830,662	62,660,345	41,388,255	5,375,830	842,947,951	18.03
2015	842,947,951	42,463,888	67,176,670	43,603,135	5,339,915	903,645,459	18.46
2016	903,645,459	44,162,444	72,038,564	45,873,521	4,615,744	969,357,202	19.20
2017	969,357,202	45,928,942	77,234,328	48,286,938	5,498,220	1,038,735,314	19.31
2018	1,038,735,314	47,766,100	82,750,566	51,056,342	5,416,226	1,112,779,412	19.70
2019	1,112,779,412	49,676,744	88,620,352	54,340,882	5,385,885	1,191,349,741	19.95
2020	1,191,349,741	51,663,814	94,774,003	58,121,640	6,891,589	1,272,774,329	19.58
2021	1,272,774,329	53,730,367	101,149,543	62,213,796	8,326,663	1,357,113,780	19.24
2022	1,357,113,780	55,879,582	107,808,431	66,890,692	8,005,675	1,445,905,426	19.31
2023	1,445,905,426	58,114,765	114,784,730	71,590,895	8,716,477	1,538,497,549	19.16
2024	1,538,497,549	60,439,356	122,071,781	76,348,075	9,291,843	1,635,368,768	19.10
2025	1,635,368,768	62,856,930	129,754,153	81,249,827	8,490,811	1,738,239,213	19.37
2026	1,738,239,213	65,371,207	137,852,771	86,203,545	9,326,809	1,845,932,837	19.32
2027	1,845,932,837	67,986,055	146,427,570	90,827,600	8,334,880	1,961,183,982	19.78
2028	1,961,183,982		155,511,470	94,958,079	10,328,638	2,082,114,232	19.78
2029	2,082,114,232		165,141,516	98,577,961	10,646,326	2,211,565,178	20.25
2030	2,211,565,178	76,475,066	175,536,017	101,564,992	9,640,006	2,352,371,263	21.15
2031	2,352,371,263	79,534,069	186,784,077	104,179,096	10,495,566	2,504,014,747	21.84

A. Data for years 2002 through 2006 were taken from the annual reports for those years. Fund balance at beginning and end of year reflects the total market value of the System's assets including the Retiree Death Benefit Fund (account).

B. Assumptions for years 2007 through 2031:

1. Benefits will be paid in accordance with the demographic and economic assumptions used in this December 31, 2006 actuarial valuation and

assumptions used in this December 51, 2006 actual valuation and include benefit payments from the Retiree Death Benefit Fund (account).
Contributions will be 29% of payroll (11% of pay by the police officers and 18% by the city) through 10/1/2007 and 31% of payroll (13% of pay by the police officers and 18% by the city) thereafter.
Annual payroll for 2007 will be \$100,090,151. It will increase 4% per year thereafter.
Investment income (net of expenses) will be 8% of the average fund balance in each year.
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5. No ad hoc COLAs were assumed beginning January 1, 2007 or thereafter.

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### Exhibit 3

### Austin Police Retirement System Net Market Value of Assets as of December 31, 2005 and 2006 Including the Retiree Death Benefit Fund

	December 31, 2005	December 31, 2006
Assets		
Investments		
Real Estate Interests	\$ 115,002,500	\$ 136,499,681
Corporate Stocks	115,543,092	149,039,163
International Stocks	43,164,151	56,518,146
U.S. Government Bonds	41,764,468	34,917,124
International Government Securities	42,582,710	49,266,965
Short-Term Investment Funds	11,560,198	12,389,657
Partnership Interests	8,114,779	11,382,743
Corporate Bonds	3,063,102	0
Alternatives	8,866,173	9,064,000
Total Investments	\$ 389,661,173	\$ 459,077,479
Other Assets		
Interest and Dividends Receivable	\$ 3,096,186	\$ 683,149
Cash	1,025,907	1,158,384
Fixed Assets	435,166	405,217
Contributions Receivable	487,408	640,415
Other Assets	9,572	31,813
Total	\$ 5,054,239	\$ 2,918,978
Total Assets	<u>\$ 394,715,412</u>	<u>\$ 461,996,457</u>
Liabilities		
Contributions Refundable	\$ 93,271	\$ 273,669
Other Payables	4,933,008	543,256
Total Payables	<u>\$ 5,026,279</u>	<u>\$ 816,925</u>
Net Market Value of Assets		
(Assets Minus Liabilities)	<u>\$ 389,689,133</u> <sup>1</sup>	\$ 461,179,532

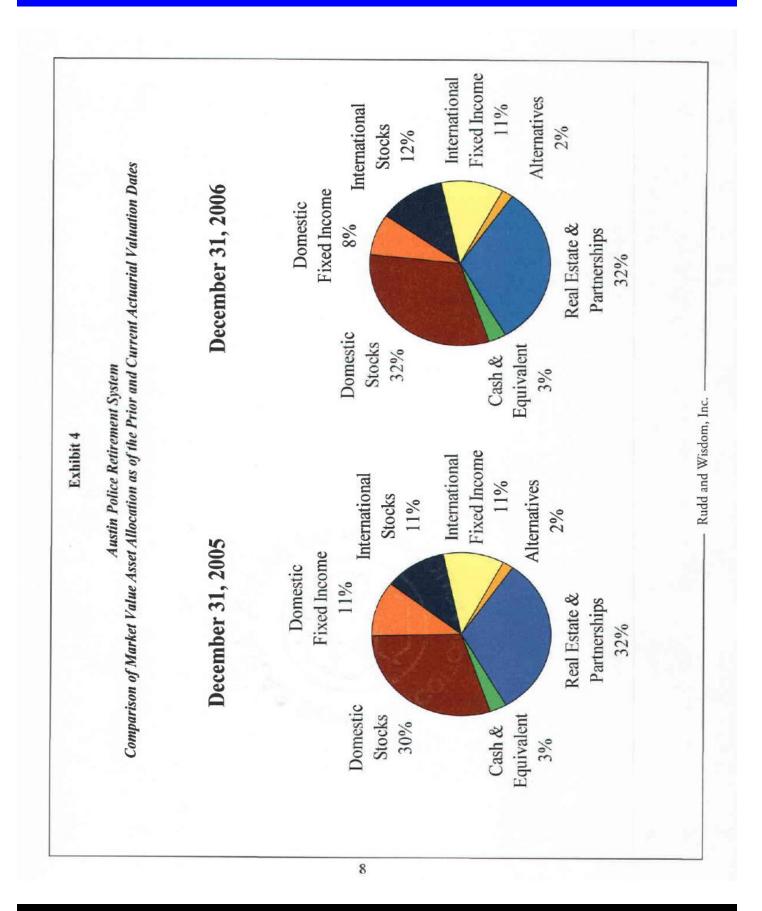
<sup>1</sup> Includes \$109,374 for the Retiree Death Benefit Fund. The Net Market Value of Assets, excluding the Retiree Death Benefit Fund, is \$389,579,759.

<sup>2</sup> Includes \$189,240 for the Retiree Death Benefit Fund. The Net Market Value of Assets, excluding the Retiree Death Benefit Fund, is \$460,990,292.

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# **Actuarial Section**



# Development of Actuarial Value of Assets Austin Police Retirement System **Exhibit 5**

Calculation of Actuarial Investment Gam/(Loss) Based on Total Market Value for Plan Years	2006	2005	2004	2003
Market Value of Assets as of beginning of year	\$ 389,689,133	S 349,015,060	\$ 301,430,974	\$ 248,984,633
City of Austin Contributions	17,033,469	15,840,395	14,794,834	13,950,555
Police Officer Contributions	9,824,039	8,327,031	7,804,027	7,389,869
Benefit Payments and Contribution Refunds	(20,888,547)	(18,767,339)	(16,627,672)	(15,186,805)
Expected Investment Return*	31,409,296	28,133,053	24,348,731	20,160,180
Expected Market Value of Assets as of end of year	\$ 427,067,390	\$ 382,548,200	\$ 331,750,894	\$ 275,298,432
Actual Market Value of Assets as of end of year	461,179,532	389,689,133	349,015,060	301,430,974
Actuarial Investment Gain/(Loss)	\$ 34,112,142	\$ 7,140,933	\$ 17,264,166	\$ 26,132,542
Market Value Rate of Return Net of Expenses	16.7%	10.0%	13.7%	18.4%
Rate of Actuarial Investment Gain/(Loss)	8.7%	2.0%	5.7%	10.4%

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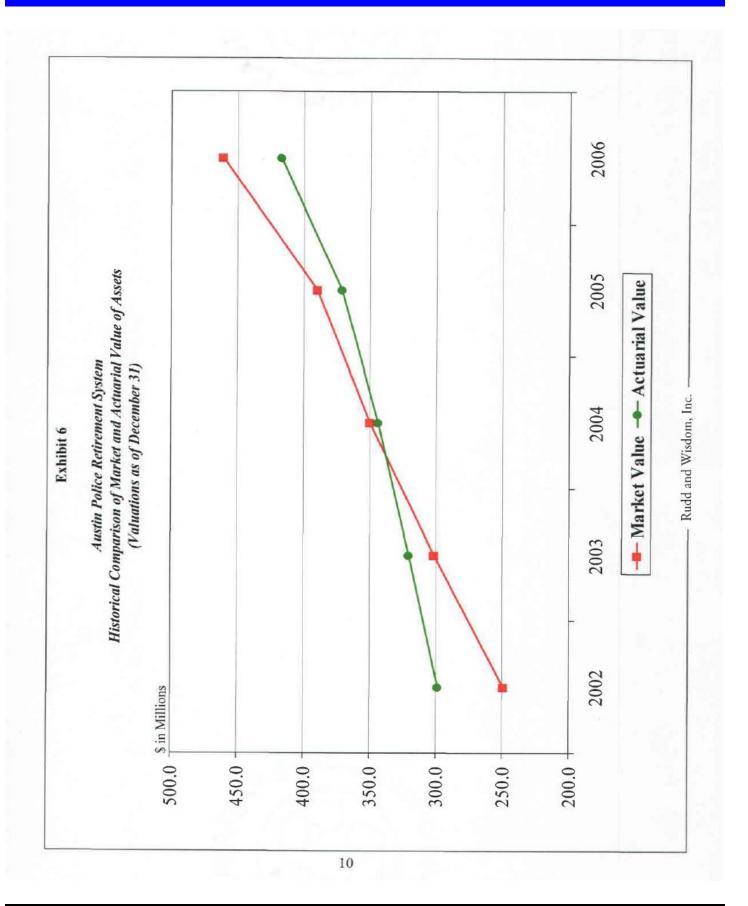
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**Actuarial Section** 

Deferred Gain (Loss) Amount as of December 31, 2006	\$ 27,289,714	\$ 4,284,560	\$ 6,905,666	\$ 5,226,508	\$ 43,706,448	1,2006	\$461,179,532	\$ 43,706,448	\$417,473,084	\$368,943,626	\$553,415,438	S417,473,084	\$ 189,240	\$417,283,844
Deferral Percentage	80%	60%	40%	20%		Actuarial Value of Assets as of December 31, 2006	er 31, 2006	l in future		31, 2006	r 31, 2006	31, 2006	ember 31, 2006	1, 2006 (Item 6-Item 7)
Investment Gain/(Loss)	\$ 34,112,142	7,140,933	17,264,166	26,132,542		Actuarial Value of	Market Value of Assets as of December 31, 2006	Deferred Gain/(Loss) to be recognized in future	reliminary Value (Item 1 - Item 2)	0% of Market Value as of December 31, 2006	20% of Market Value as of December 31, 2006	otal Actuarial Value as of December 31, 2006	tetirce Death Benefit Fund as of December 31, 2006	Net Actuarial Value as of December 31, 2006 (Item 6-Item 7)
Plan Year	2006	2005	2004	2003	Total		<ol> <li>Market Val</li> </ol>	2. Deferred G	3. Preliminary	4. 80% of Mai	5. 120% of M	6. Total Actua	7. Retiree Dea	8. Net Actuari

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### Exhibit 7

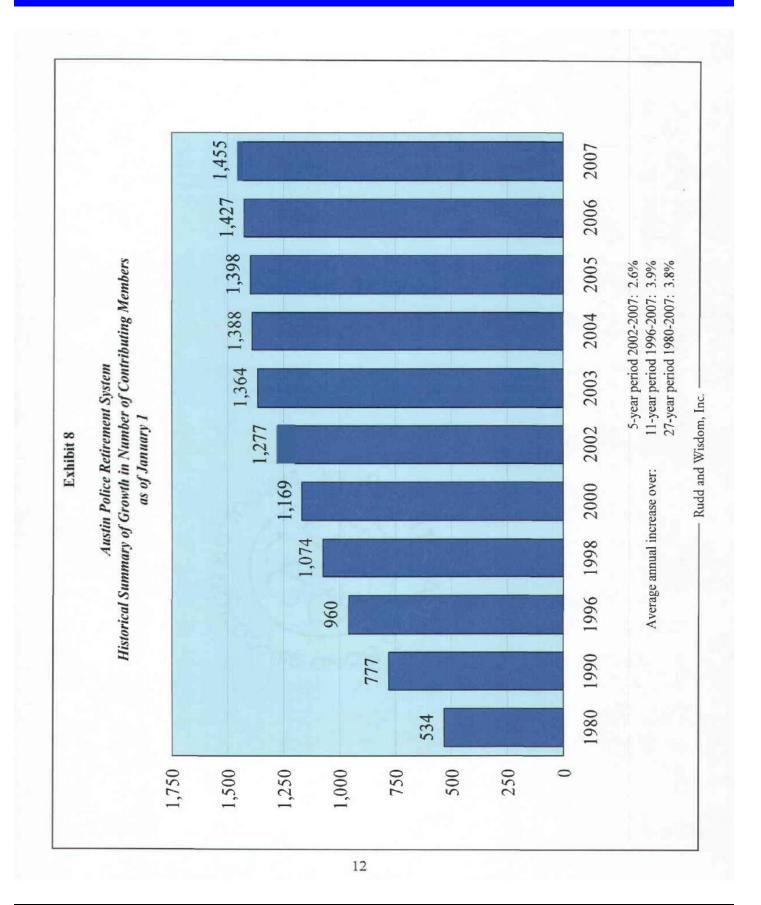
### Austin Police Retirement System Distribution of Police Officers by Age and Service as of December 31, 2006 with Average Annual Salary

Years						Attained A	ige				
									60 or		Averag
of											Annua
Service	Under 25	25-29	<u>30-34</u>	35-39	<u>40-44</u>	<u>45-49</u>	<u>50-54</u>	55-59	Over	Total	Salary
0	19	34	14	14	4	2	0	0	0	87	\$32,124
1	5	30	15	6	6	0	0	0	0	62	46,925
2	0	25	14	13	1	0	0	0	0	53	52,499
3	0	16	24	23	9	0	0	0	0	72	58,563
4	0	11	31	5	5	0	0	0	0	52	58,674
5	0	22	43	26	6	5	0	0	0	102	58,954
6	0	16	45	26	9	4	0	0	0	100	59,34
7	0	2	18	14	2	2	0	0	0	38	63,68
8	0	1	37	35	20	3	0	0	0	96	64,670
9	0	Ō	33	34	16	2	2	0	0	87	65,53
10	0	0	28	29	7	1	0	0	0	65	66,049
11	0	1	8	36	13	0	1	0	0	59	70,91
12	0	0	6	32	24	5	1	0	0	68	72,82
13	0	0	0	25	15	7	0	0	0	47	74,64
14	0	0	0	20	25	14	4	0	0	63	77,63
15	0	0	0	10	13	5	1	0	0	29	81,30
16	0	0	0	8	28	14	5	0	0	55	83,52
17	0	0	0	2	1	1	2	0	0	6	95,91
18	0	0	0	0	14	4	5	1	0	24	86,00
19	0	0	0	0	8	2	1	0	0	11	91,68
20-24	0	0	0	0	31	105	41	3	0	180	90,94
25-29	0	0	0	0	0	17	54	14	3	88	93,30
30-34	0	0	0	0	0	0	3	6	0	9	92,86
35-39	0	0	0	0	0	0	0	1	1	2	106,46
40-44	_0	0		0	0	0	0	_0	<u>0</u>	0	
Totals	24	158	316	358	257	193	120	25	4	1,455	68,79
Average											
Annual							\$90,018				

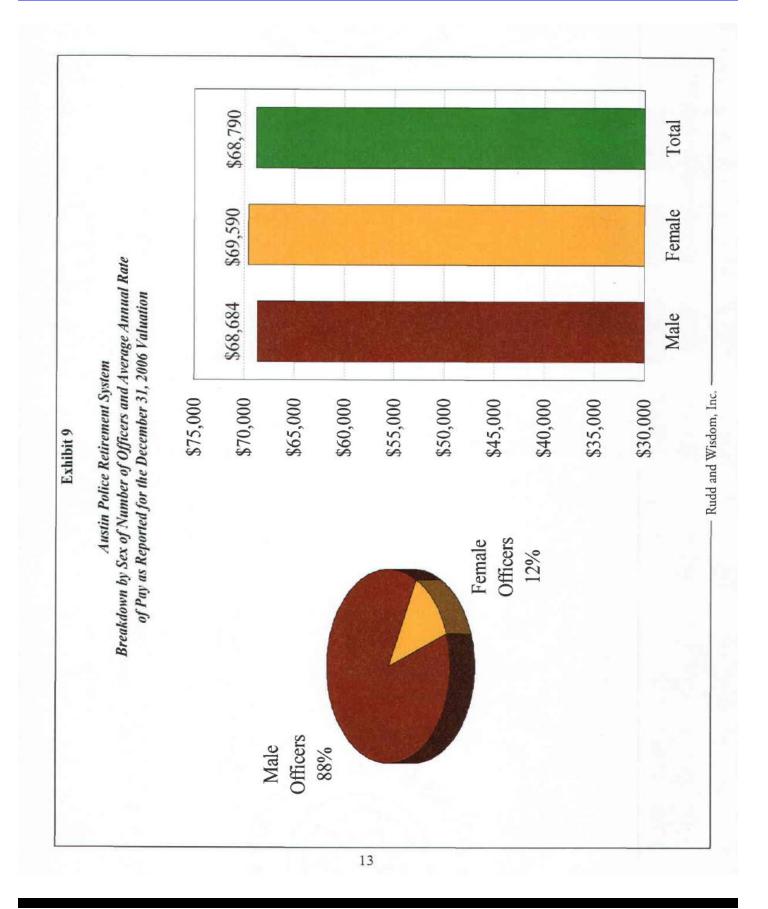
Rudd and Wisdom, Inc.

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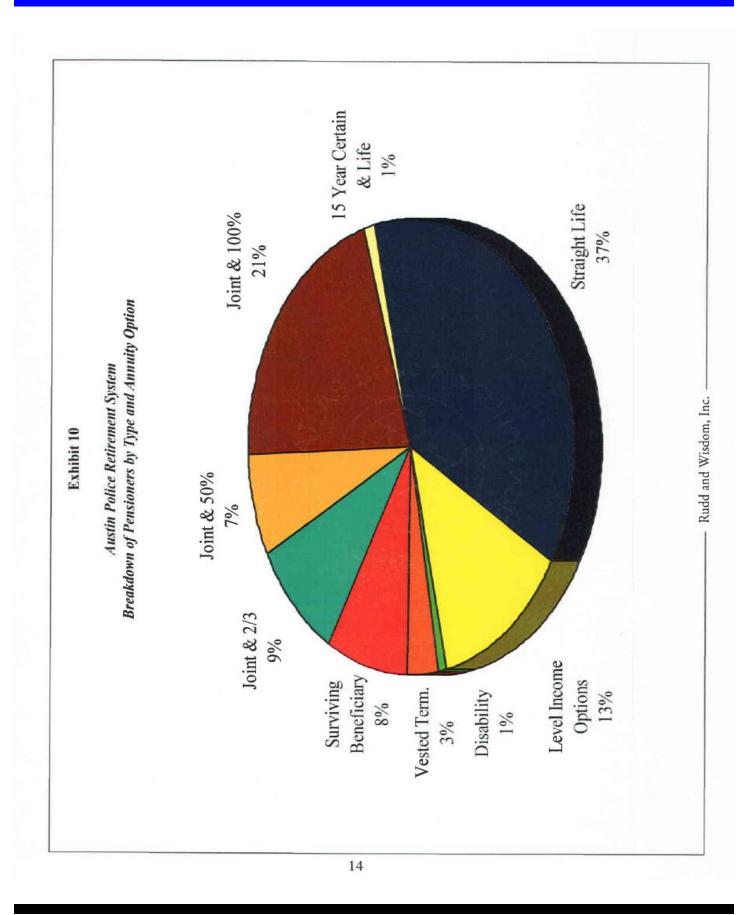
# Actuarial Section



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# Actuarial Section



### Exhibit 11

### Austin Police Retirement System Summary Data of Police Officers and Pensioners as of the December 31, 2006 Valuation

Active Police Officers	Male	Female	Total	
Total Contributing Police Officers	1,284	171	1,455	
Annualized Reported Payroll	\$88,190,184	\$11,899,967	\$100,090,151	
Average Annual Rate of Pay	\$68,684	\$69,590	\$68,790	

Pensioners and Vested Terminated Officers	Number	Monthly Payment	Actuarial Present Value of Benefits
Service Retirements by Type of Annuity			
Straight Life	155	\$648,499	\$87,978,036
Joint and 100%	97	388,617	56,293,587
Joint and 50%	32	140,430	19,405,449
Joint and Two-Thirds Beneficiary	40	166,479	23,508,067
Joint and Two-Thirds Last Survivor	1	4,426	531,069
Level Income Straight Life	16	58,960	5,762,310
Level Income Joint and Two-Thirds	29	99,372	10,743,295
Level Income Joint and 100%	10	38,026	4,629,555
Fifteen Year Certain and Life	3	11,281	1,466,163
Total Service Retirements	383	1,556,090	210,317,531
Disability Retirements	4	9,401	1,372,775
Surviving Beneficiaries	34	115,589	12,916,845
Vested Terminated Officers	11	20,116	828,218
Total	432	\$1,701,196	\$225,435,369

### Exhibit 11 (continued)

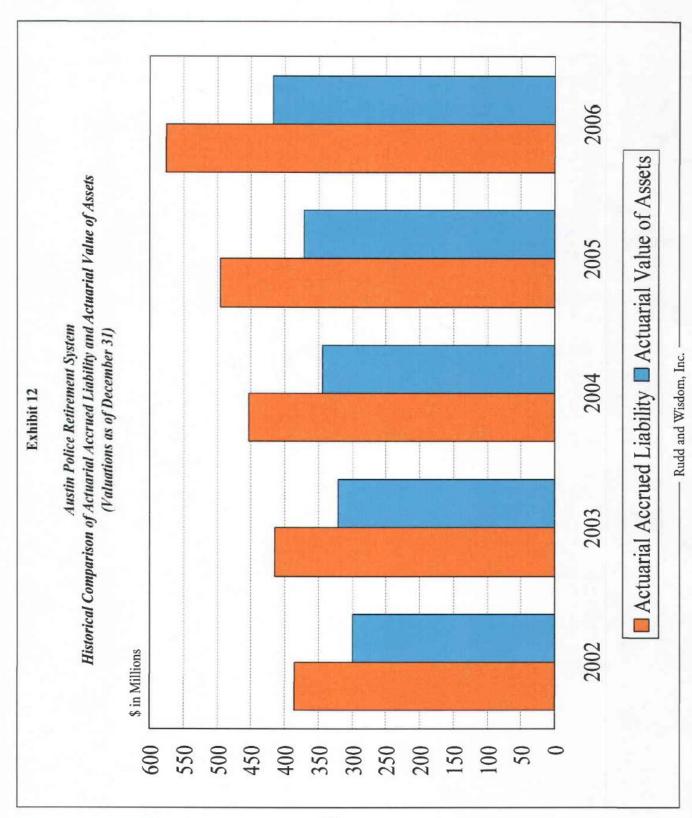
### Austin Police Retirement System Police Officer and Pensioners Reconciliation

	Police Officers	Current Payment Status	Vested Terminated Police Officers	Total
1. As of December 31, 2005	1,427	386 <sup>1</sup>	11	1,824
2. Change of status				
a. retirement	(31)	32	(1)	0
b. disability	(2)	2	0	0
c. death	(1)	0	0	(1)
d. withdrawal	(26)	0	0	(26)
e. vested termination	(1)	0	1	0
f. new QDRO	0	2	0	2
g. completion of payment	0	_(1)	_0	(1)
h. net changes	(61)	35	0	(26)
3. New police officers	89	_0	0	89
4. As of December 31, 2006	1,455	421 <sup>2</sup>	11	1,887

Includes 10 alternate payees of QDROs. Includes 12 alternate payees of QDROs.

1

2



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### Exhibit 13

Austin Police Retirement System Summary Plan Description

Date System Began: January 1, 1980

Plan Effective Date: December 1, 2007

*Administration:* The fund is administered by a retirement board consisting of 11 members. Funds are held by the retirement board, as trustee.

*Employees Included:* All regular and permanent full-time police officers or cadets who are employed by the police department. In addition, employees of the System's administrative staff are also included.

*Employee Contributions:* 11% of each police officer's "Compensation Considered" through September 2007 and 13% thereafter.

*City Contributions:* 18% of "Compensation Considered" for all "Employees Included" effective as of October 1, 1996 and thereafter. Since September 1, 2003, a very small portion of the city contribution has been allocated by the Board to the Retiree Death Benefit Fund (account) administered by the System.

Service Considered: The number of months during which a member is required to make and does make prescribed contributions plus (a) any creditable service received as a result of the provisions for establishing credit for certain military service, cadet service, or probationary service, (b) any previously forfeited service that is reinstated according to the provisions for reinstatement, and (c) any "permissive service credit" that is purchased according to plan provisions.

Compensation Considered: Base pay and longevity pay.

Average Final Compensation: The highest monthly average of the "Compensation Considered" for 36 months of the last 120 months during which the member contributed to the system or during the months of service for which he did contribute, if less than 120.

### Exhibit 13 (continued)

### Austin Police Retirement System Summary Plan Description

*Normal Retirement Date:* The first day of the month following the earliest month in which (a) the member has completed at least 23 years of creditable service not reflecting any military service credit; or (b) the member has attained age 55 and completed at least 20 years of creditable service not reflecting any military service credit; or (c) the member has reached age 62.

*Normal Service Retirement Benefit:* A member is eligible for a normal service retirement benefit after having reached his normal retirement date. The monthly annuity, payable as a life annuity (modified cash refund), is, effective December 1, 2007, 3.20% of "Average Final Compensation" multiplied by years and months of "Service Considered."

**Disability Benefit:** A member is eligible for a disability benefit (a) at any age provided he has completed ten years of service and (b) has a total and permanent disability from any cause. A member with less than 10 years of service is also eligible for a disability benefit if his disability is total and permanent and is the result of his duties as a police officer. The annuity is based on credited service and compensation to date of disability; however, not less than 20 years of service will be credited for an occupational disability.

**Death Benefits:** If death occurs before eligibility for retirement, the member's beneficiary receives a benefit equal to twice the accumulated member contributions made plus allowable interest. This benefit will not be less than \$10,000.

If death occurs before retirement but after eligibility for retirement and the member had elected an optional annuity, the member's beneficiary will be entitled to a monthly annuity calculated as if the member had retired at the end of the month in which he died. A \$10,000 lump-sum death benefit is also payable to the beneficiary.

If death occurs before retirement but after eligibility for retirement and prior to selection of an optional annuity and, if the member leaves a lawfully married spouse surviving, then the surviving spouse may select an optional annuity or select a lump sum benefit equal to twice the accumulated member contributions made plus allowable interest. If the lawfully married surviving spouse dies before having received benefits equal to the amount of accumulated member contributions, the excess of such accumulated deposits over the benefits actually received will be refunded in one sum to the member's estate. If the member leaves no surviving spouse, then the member's designated beneficiary, or if no beneficiary exists, the executor or administrator of the estate, may select either the Fifteen Year Certain and Life Annuity or a lump sum benefit equal to twice the accumulated

### Exhibit 13 (continued)

### Austin Police Retirement System Summary Plan Description

member contributions made plus allowable interest. If an optional annuity is selected in lieu of a lump sum benefit, a \$10,000 lump sum death benefit is payable to the beneficiary.

If death occurs after retirement, under certain optional pension forms the beneficiary will also be entitled to receive a monthly annuity for life or for the remainder of a certain period. If no monthly annuity is payable, the member's beneficiary receives a lump sum benefit equal to the excess, if any, of the accumulated member contributions plus allowable interest over any benefits actually received.

**Retiree Death Benefit Fund:** Effective September 1, 2003, a separate fund was established to pay \$7,500 post-retirement lump sum death benefits. This fund is funded by city contributions. Effective September 1, 2007, the amount of these benefits was increased to \$10,000.

**Termination Benefit:** A member terminating employment with less than 10 years of service for reasons other than service retirement, disability retirement or death will receive an amount equal to his contributions to the retirement system and accumulated interest. Interest is credited at the end of each calendar year at a rate determined by the system's board of trustees on the member's beginning-of-year account balance. Effective September 1, 2007, interest will not be credited to members with less than 10 years of service.

If the terminating member has 10 or more years of service, he may elect to leave his accumulated contributions with the retirement system. He will be entitled to a deferred benefit commencing at the normal retirement date based upon his service and compensation prior to termination.

**Optional Payments:** A retiring member may elect an optional form of annuity payment rather than the standard Life Annuity. Such options are a Joint and 100% to Survivor, Joint and 50% to Survivor, Joint and Two-Thirds to Survivor, Joint and Two-Thirds to Last Survivor or 15-Year Certain and Life Annuity.

A retroactive deferred retirement option plan (RETRO DROP) can also be elected by retiring members meeting certain eligibility requirements. This option provides the member with a monthly annuity and a lump sum. The RETRO DROP benefit computation date elected by the member (1) may not be earlier than the date the member completed 23 years of creditable service not reflecting any military service credit and (2) may not be earlier than 36 months prior to the date of retirement.

- Rudd and Wisdom, Inc. -20

### Exhibit 13 (continued)

### Austin Police Retirement System Summary Plan Description

Beginning in 2007, a FORWARD DROP can be elected by a member who has at least 23 years of creditable service not reflecting any military service credit. This option provides the member at retirement with a monthly annuity and a lump sum. The monthly benefit is determined at the election date as if the member had retired on that date. The amount of the lump sum depends upon the period between the election date and the actual date of retirement. The maximum lump sum possible is provided if the member retires five years after the election date.

**Postretirement Cost-of-Living Increases:** The Board may authorize an annual ad hoc cost-of-living adjustment (COLA), subject to actuarial approval, not to exceed 6% per year. No COLAs were given January 1, 2007 and January 1, 2006. COLAs of 1.75%, 3.00%, and 1.50% were given January 1, 2005, 2004, and 2003, respectively. Postretirement benefit increases will automatically be provided when the system's benefit formula as a percent of average compensation for years of service increases. Therefore, effective December 1, 2007, monthly benefits of pensions will increase 6.67% because of the increase in the benefit formula from 3.0% to 3.2% of average compensation.

#### Changes Since Prior Valuation:

- Increase in benefit multiplier from 3.0% to 3.2% of average compensation effective December 1, 2007
- Increase in monthly benefits of pensioners of 6.67% effective December 1, 2007
- Increase in police officers' contribution rate from 9% to 11% in October 2006 and from 11% to 13% in October 2007
- Addition of FORWARD DROP as an option beginning in 2007
- Increase in Retiree Death Benefit from \$7,500 to \$10,000 effective September 1, 2007
- Increase in death benefit for death occurring before retirement but while eligible to retire from \$7,500 to \$10,000 effective September 1, 2007
- Change in interest crediting so that effective September 1, 2007, interest will not be credited on member contributions for members with less than 10 years of service

### Exhibit 14

### Austin Police Retirement System Summary of Actuarial Methods and Assumptions

1. Actuarial Cost Method

Entry Age Actuarial Cost Method

- The normal cost is calculated to be a level percent of compensation over a member's career.
- The unfunded actuarial accrued liability is assumed to be funded by percent contributions of level employee payroll based on annual payroll growth of 4% per year due to general wage increases.

Gains and losses in the market value of assets, based on the difference between the actual rate of return and the assumed rate of return, are recognized in the actuarial value over five years. The actuarial value will not be less than 80% or more than 120% of the market value of assets.

8% per year, net of all expenses

4% per year

4% per year

2.8% per year average over 25-year career. See Exhibit 16 for the promotion and longevity salary increases by year of service.

6.8% per year average over 25-year career. See Exhibit 16 for the total salary increases by year of service.

3% per year

RP-2000 Mortality Tables for males and females projected to 2006 RP-2000 Mortality Tables for males and Rudd and Wisdom, Inc.

3. Investment Return (Interest Rate)

2. Asset Valuation Method

- 4. Inflation
- 5. Salary Increase Due to General Wage Increases
- 6. Salary Increases Due to Promotion and Longevity Increases
- 7. Total Salary Increase
- 8. Interest Credited on Officer's Accumulated Contributions
- 9. Mortality a. Active and Retired
  - b. Disabled

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### Exhibit 14 (continued)

Austin Police Retirement System Summary of Actuarial Methods and Assumptions

10. Retirement Rates

- 11. Withdrawal Rates
- 12. Disability Rates
- Future Pre-Employment Military Service Purchase for Officers Who Have Told System They Have Military Service and Have Not Yet Purchased Credit
- 14. Future Pre-Employment Military Service Purchase for Officers Who Have Not Told System Whether They Have Such Service
- 15. DROP Election
- 16. DROP Period Election
- 17. Percent Single after Eligible for Service Retirement
- Age of Spouse of Officer Who Dies While Eligible to Retire

Expected average retirement age of 53.4 based on the officers included in the December 31, 2006 valuation. See Exhibit 17 for service and age-related rates.

Expected number of terminations of 26 in 2007 based on the officers included in the December 31, 2006 valuation. See Exhibit 18 for service-related rates.

See Exhibit 19 for age-related rates.

- 100% of officers will purchase
- All of military service will be purchased up to allowable 24 months
- Officers will pay 25% of estimated cost
- 35% of officers will purchase
- 22 months purchased on average
- Officers will pay 25% of estimated cost

55% of those eligible for at least a 12-month DROP lump sum will make such an election (RETRO) or will have made such an election (FORWARD). See Exhibit 17A for the allocation between RETRO and FORWARD.

Members elect the maximum period eligible (up to 36 months for RETRO and up to 60 months for FORWARD).

15%

Female 3 years younger than male

Rudd and Wisdom, Inc. -23

## **Actuarial Section**

### Exhibit 14 (continued)

Austin Police Retirement System Summary of Actuarial Methods and Assumptions

- Payment Form Election for Pre-Retirement Death Benefits

   Married Members
  - b. Single Members

20. Ad Hoc Cost-of-Living Increases for Pensioners

None

Joint and 100% to Survivor

15-Year Certain and Life Annuity

- 21. Cadet Service Purchase
- 22. Forfeited Service Purchase, Probationary Service Purchase, and Uniform Military Leave of Service Purchase
- 23. DROP Lump Sums Left with the System for Investment after Retirement (PROP)
- 24. Contributions (% of Covered Payroll)a. Cityb. Police Officers

- 100% of officers who have not yet purchased the credit will purchase their cadet service in the future.
   Officer purchase amount based on
- Officer purchase amount based on officer contribution rate and cadet pay at time of cadet service.

100% of officers with such eligible service will purchase the respective service.

- 40% of officers retiring with DROP will leave their lump sum in the System until age 60.
- Average annual rate credited to the PROP accounts will be 7%.
- 18%
- 11% through September 2007 and 13% thereafter

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### Exhibit 15

### Austin Police Retirement System Changes in Actuarial Methods and Assumptions

	December 31, 2005 Actuarial Assumption	December 31, 2006 Actuarial Assumption
Retirement Rates	Reflecting only the RETRO DROP (Exhibit 17B)	Reflecting both the RETRO and FORWARD DROPS (Exhibit 17)
DROP Election	65% (RETRO)	55% (allocated between RETRO and FORWARD DROPS in Exhibit 17A)
<ul> <li>Mortality for Active and Retired</li> </ul>	RP-2000 Mortality Tables for males and females	RP-2000 Mortality Tables for males and females projected to 2006
• Mortality for Disabled	RP-2000 Mortality Tables for males and females	RP-2000 Mortality Tables for males and females projected to 2006

### Exhibit 16

### Austin Police Retirement System Salary Rate of Increase Assumption from Year t-1 to Year t

	Salary Increases Due to				
Year of Service t	Promotion and Longevity Increases	Total Increases			
1	18.0%	22.7%			
2	11.2	15.6			
3	5.8	10.0			
4	0.9	4.9			
5	0.9	4.9			
6	7.1	11.4			
7	0.5	4.5			
8	0.5	4.5			
8	0.5	4.5			
10	7.1	11.4			
11	0.3	4.3			
12	0.3	4.3			
13	0.3	4.3			
14	7.1	11.4			
15	0.2	4.2			
16	7.2	11.5			
17	0.2	4.2			
18	0.1	4.1			
19	0.1	4.1			
20	0.1	4.1			
21	0.1	4.1			
22	0.1	4.1			
23	0.1	4.1			
24	0.1	4.1			
25	0.1	4.1			
26-45	0.0	4.0			

- Rudd and Wisdom, Inc. 26

# **Actuarial Section**

#### Exhibit 17

F	For Entry Ages Under 32			Fo	or Entry Age	s 33 and Ab	ove
Service	22 & Under	23-27	28-32	Age	33-37	38-42	43 & Over
23 24	50 150	75 150	100 150	43 44	2		
25 26 27 28 29	200 250 450 500 500	200 250 350 400 400	200 250 300 400 500	45 46 47 48 49			
30 31 32 33 34	500 500 500 500 500	500 500 500 500 500	500 500 1000**	50 51 52 53 54			
35 36 37 38 39	600 600 600 600 600	500 500 1000**		55 56 57 58 59	200 250 300 350 500		
40 41 42	600 600 1000**			60 61 62 63 64	1000	500 350 350 350 350	800 400 400
				65		1000	1000

#### Austin Police Retirement System Assumed Service Retirement Rates Per 1,000 Members\*

\* Rates are applicable after officer is or would be eligible for retirement.
\*\* 100% retirement rate will be effective at age 60 if earlier.

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#### Exhibit 17A

#### Austin Police Retirement System Assumed Distribution of Retirements by Option Elected

Service at Employment Termination	No DROP Elected <sup>(1)</sup>	RETRO DROP Elected	FORWARD DROP Elected	Total
23 or less	100%	0%	0%	100%
24	45	45	10	100
25	45	35	20	100
26	45	25	30	100
27	45	20	35	100
28	45	20	35	100
29	45	20	35	100
30	45	20	35	100
31	45	20	35	100
32	45	20	35	100
33	45	25	30	100
34	45	35	20	100
35	45	45	10	100
36	45	55	0	100
37	45	55	0	100
38	45	55	0	100
39	45	55	0	100
40	45	55	0	100
40	45	55	0	100
42	45	55	0	100%

<sup>(1)</sup> Police officers elect a type of service retirement benefit that does not include payment of a lump sum distribution.

# **Actuarial Section**

#### Exhibit 17B

#### Austin Police Retirement System Comparison of 12/31/2005 Assumed Service Retirement Rates Per 1000 with 12/31/2006 Assumed Service Retirement Rates (1)

Shaded Rates are Rates that Have Been Reduced to Reflect Fewer Retirements Due to Election of the New FORWARD DROP

				For Entry A	ges Under 33(2)				
	22 and Under						28 - 32		
Service	12/31/2005	12/31/2006	Difference	12/31/2005	12/31/2006	Difference	12/31/2005	12/31/2006	Difference
23	50	50	0	75	75	0	100	100	0
24	200	150	50	200	150	50	200	150	50
25	250	200	50	250	200	50	250	200	50
26	300	250	50	300	250	50	300	250	50
27	500	450	50	400	350	50	350	300	50
28	500	500	0	400	400	0	400	400	0
29	500	500	0	400	400	0	500	500	0
30	500	500	0	500	500	0	500	500	- 0
31	500	500	0	500	500	0	500	500	0
32	500	500	0	500	500		1000 <sup>(3)</sup>	1000 <sup>(3)</sup>	0
33	500	500	0	500	500	0 0 0			
34	500	500	0	500	500	0			
35	600	600	0	500	500	0			
36	600	600	0	500	500	0			
37	600	600	0	1000 <sup>(3)</sup>	1000 <sup>(3)</sup>	0			
38	600	600	0		873908-6				
39	600	600	0						
40	600	600	0						
41	600	600	0						
42	1000 <sup>(3)</sup>	1000 <sup>(3)</sup>	0						

<sup>(1)</sup> Rates are applicable after an officer is or would be eligible for retirement.
 <sup>(2)</sup> Rates for entry ages 33 and above are not changed.
 <sup>(3)</sup> 100% retirement rate will be effective at age 60 if earlier.

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#### Exhibit 18

Austin Police Retirement System Assumed Withdrawal Rates Per 1,000 Members

Years of Service	Withdrawal Rates
0	100
1	20
2	20
3	20
4	20
5	20
6	20
7	20
8	20
9	20
10	20
11	17
12	14
13	10
14	5
15	0
16	0
17	0
18	0
19	0

# **Actuarial Section**

#### Exhibit 19

#### Austin Police Retirement System Assumed Disability Rates Per 1,000 Members\*

Age	Disability Rates	Age	Disability Rates
20	0.14	40	0.92
21	0.15	41	1.14
22	0.16	42	1.32
23	0.17	43	1.48
24	0.18	44	1.73
25	0.19	45	2.09
26	0.21	46	2.55
27	0.23	47	2.98
28	0.25	48	3.34
29	0.28	49	3.62
30	0.31	50	3.79
31	0.35	51	3.92
32	0.40	52	4.04
33	0.45	53	4.24
34	0.49	54	4.56
35	0.52	55	4.90
36	0.54	56	5.32
37	0.57	57	5.86
38	0.62	58	6.60
39	0.73	59	7.53
		60	9.11
		61	11.72
		62 and later	0.00

\* Rates are for disability due to all causes, and occupational disability rates are assumed to be 55% of all cause rates. Rates are not applicable after an officer is or would be eligible for retirement.

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#### Exhibit 20

#### Austin Police Retirement System Definitions

- Actuarial cost method A procedure for determining the actuarial present value of pension plan benefits and for developing an actuarially equivalent allocation of such value to time periods in the form of a normal cost contribution rate and an actuarial accrued liability.
- 2. Actuarially equivalent Of equal actuarial present value, determined as of a given date with each value based on the same set of actuarial assumptions.
- Actuarial present value The value of an amount or series of amounts payable or receivable at various times in the future, determined as of a given date (the valuation date) by the application of the actuarial assumptions.
- 4. Entry age actuarial cost method A method under which the actuarial present value of projected benefits of each individual included in the valuation is allocated on a level basis over the earnings of the individual between the entry age and assumed exit. Entry age is calculated as the difference between the attained age and the years of service credit as of the valuation date. Service is assumed to be continuous.
- 5. Normal cost contribution rate That portion of the actuarial present value of benefits which is allocated to a valuation year by the Entry Age Actuarial Cost Method. It is expressed as a percent of compensation and is equal to the actuarial present value at hire of projected benefits divided by the actuarial present value at hire of anticipated future compensation. It is calculated for each individual and summed for the entire group.
- Actuarial accrued liability That portion, as determined by the Entry Age Actuarial Cost Method, of the actuarial present value of benefits which is not provided for by future normal cost contributions.
- Unfunded actuarial accrued liability The excess of the total actuarial present value of future benefits over the sum of the tangible assets and the actuarial present value of future normal cost contributions.
- 8. Actuarial value of assets The value of cash, investments, and other property belonging to a pension plan, as used by the actuary for the purpose of an actuarial valuation.
- Actuarial gain or loss A measure of the difference between actual experience and that expected based upon a set of actuarial assumptions, during the period between two actuarial valuation dates.
- 10. *Amortization period* The period determined in an actuarial valuation as the number of years required, beginning with the valuation date, to amortize the unfunded actuarial accrued liability with a level percent of payroll that is the difference between the expected total contribution rate and the normal cost contribution rate.

# **Actuarial Section**

#### Exhibit 21

#### Austin Police Retirement System Disclosures in Accordance with GASB Statement No. 25 Required Supplementary Information for the System's Financial Statements for Fiscal Year Ending December 31, 2006

#### I. Schedule of Funding Progress

Actuarial Valuation Date	Actuarial Value of Assets (a)	Entry Age Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (UAAL) (b - a)	Funded Ratio (a/b)	Annual Covered Payroll <sup>1</sup> (c)	UAAL as a Percentage of Covered Payroll ((b - a)/c)
12/31/01	\$284,761,203	\$347,548,177	\$62,786,974	81.9%	\$69,706,749	90.1%
$12/31/02^2$	298,781,560	384,991,799	86,210,239	77.6	79,236,366	108.8
12/31/03	320,354,298	413,964,994	93,610,696	77.4	80,958,862	115.6
12/31/04 <sup>3</sup>	343,446,574	451,579,880	108,133,306	76.1	86,673,590	124.8
$12/31/05^3$	371,504,533	494,640,856	123,136,323	75.1	93,428,957	131.8
12/31/06 <sup>3,4</sup>	417,283,844	576,125,324	158,841,480	72.4	100,090,151	158.7

<sup>1</sup>The covered payroll is based on the annual rate of base pay and longevity pay used in the valuation.

<sup>2</sup> Reflects changes in plan benefit provisions effective September 1, 2003.

Some of the actuarial assumptions were revised.

<sup>4</sup>Reflects changes in plan benefit provisions effective September 1, 2007 and December 1, 2007.

#### **II. Schedule of Employer Contributions**

Plan Year Ended December 31	Annual Contribution As a Fixed Percentage of Payroll	Annual Required Contribution <sup>1</sup>	Percentage Contributed
2001	18%	\$11,178,204	100%
2002	18	12,566,293	100
2003	18.000/17.906 <sup>2</sup>	13,929,724 <sup>3</sup>	100
2004	17.906	14,714,174	100
2005	17.902	15,754,9225	100
2006	17.906	16,945,1676	100

The annual required contribution is based on actual covered payroll.

<sup>2</sup> Effective September 1, 2003, a portion of the Employer's total 18% contribution is allocated to a Retiree Death Benefit Fund.

<sup>3</sup> The employer's total contribution during 2003 including the Retiree Death Benefit Fund was \$13,950,555.

<sup>4</sup> The employer's total contribution during 2004 including the Retiree Death Benefit Fund was \$14,794,834.

<sup>5</sup> The employer's total contribution during 2005 including the Retiree Death Benefit Fund was \$15,840,395.

<sup>6</sup> The employer's total contribution during 2006 including the Retiree Death Benefit Fund was \$17,033,469.

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#### Exhibit 21 (continued)

#### Austin Police Retirement System Disclosures in Accordance with GASB Statement No. 25 Required Supplementary Information for the System's Financial Statements for Fiscal Year Ending December 31, 2006

#### III. Notes to Required Supplementary Information

The information presented in the required supplementary schedules was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation follows.

Valuation date	December 31, 2006
Actuarial cost method	Entry Age
Amortization method	Level percentage of projected payroll, open
Amortization period	29.7 years
Asset valuation method	Market value smoothed by a 5-year deferred recognition method with a 80%/120% corridor on market
Actuarial assumptions:	
- Investment rate of return, net	
of expenses	8.0%
<ul> <li>Projected salary increases includ promotion and longevity</li> </ul>	ing 4.0% to 22.0% per year, averaging 6.8%
- Inflation rate per year	4.0%

- Postretirement cost-of-living adjustments

IV. Actuarial Information for Notes to the Financial Statement as Required by Paragraph 32 of GASB 25

None

#### A. PLAN DESCRIPTION

The Board of Trustees of the City of Austin Police Retirement System is the administrator of a single-employer defined benefit pension plan. The System is considered part of the City of Austin's financial reporting entity and is included in the City's financial reports as a pension trust fund.

The System was originally established in 1979 by a City Council ordinance. Effective August 1991, the System is governed by state law with plan amendments made by the Legislature of the State of Texas. The System provides retirement, death, disability and withdrawal benefits. Benefits vest after 10 years of credited service. Participants may retire at (a) 23 years of service excluding any military service credit regardless of age, or (b) age 55 with 20 years of service excluding any military service or (c) age 62. The monthly benefit at retirement is payable as a life annuity (modified cash refund). The actuarial valuation as of December 31, 2006 recognized that the monthly benefit will be equal to 3.2% of the highest 36-month average salary multiplied by years and months of service and that pensioners will receive a 6.67% increase in monthly benefits effective December 1, 2007.

#### Exhibit 21 (continued)

Austin Police Retirement System Disclosures in Accordance with GASB Statement No. 25 Required Supplementary Information for the System's Financial Statements for Fiscal Year Ending December 31, 2006

The DROP provisions require that a participant must have 23 years of creditable service with the retirement system excluding any military service credit on the date the participant either elects for the RETRO DROP benefit computation date or elects to enter the FORWARD DROP. Further, the DROP provisions may be changed in the future by Board rule with approval by the System's actuary. Similarly, the eligibility requirement for service retirement may be changed in the future by Board rule with approval by the System's actuary by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the future by Board rule with approval by the System's actuary of the futur

The Post Retirement Option Plan (PROP) is an option allowing retiring officers to leave their DROP lump sum in the System for a period of time. The participant can elect to receive partial payments from the DROP lump sum account and can also elect to delay payment of the entire DROP lump sum. Interest credits are paid on the participant's DROP lump sum account following the participant's retirement until the entire lump sum is paid. The interest credits are granted based on an annual rate determined from time to time by Board Rule.

Distributions to officers or their beneficiaries are also available in the event of total and permanent disability, provided the officer has completed 10 years of service or the injury was sustained during the performance of employment duties, or upon death. The terms of benefit payments are determined by certain elections made by the officer, their level of earnings and length of service. Payments to officers or their beneficiaries may be increased annually on an ad hoc basis, limited to 6% per year, and subject to the approval of the Retirement Board and the actuary.

A \$10,000 post-retirement lump sum death benefit is payable from a separate Retiree Death Benefit Fund (account) administered by the System.

Participating members in the System include full-time police officers and cadets employed by the police department of the City and employees of the System. The following membership status of the System was reflected in the actuarial valuation as of December 31, 2006:

Retirees and beneficiaries currently receiving benefits (421) and terminated employees entitled to future monthly	
benefits (11)	432
Current participating members	1,455
Total	1,887

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#### Exhibit 21 (continued)

Austin Police Retirement System Disclosures in Accordance with GASB Statement No. 25 Required Supplementary Information for the System's Financial Statements for Fiscal Year Ending December 31, 2006

#### B. CONTRIBUTIONS

The System is funded by biweekly contributions from the basic compensation, consisting of base pay and longevity pay, of police officers and by contributions from the City. Under the provisions in effect on December 31, 2006, participants are required to contribute 9% of their basic compensation to the System before October 2006, 11% from October 2006 through September 2007, and 13% thereafter. The City is required to make contributions equal to 18% of basic compensation and may authorize additional contributions. Since September 1, 2003, a portion of the City's total 18% contribution has been allocated to the Retiree Death Benefit Fund. This portion, redetermined annually, was 0.094% for 2006 based on the December 31, 2005 actuarial valuation. This portion was redetermined based on the December 31, 2006 actuarial valuation to be 0.100% for 2008.

The City contribution rate is required by the state law governing the System and may be changed by amendment made by the Legislature of the State of Texas. The participant contribution rate must be at least 6% but was increased from 9% to 11% effective October 2006 and to 13% effective October 2007 by a recommendation of the Retirement Board and an approving vote of the participating members in accordance with the state law governing the System. The participant contribution rate may be changed by amendment made by the Legislature of the State of Texas or by appropriate actions of the Board and the participating members in accordance with the state law governing the System.

While contribution rates are not actuarially determined, state law requires that each plan of benefits adopted by the System must be approved by a qualified actuary. The actuary certifies that the contribution commitment by the police officers and the City provides an adequate financing arrangement at the time any change is made. Using the entry age actuarial cost method, the System's normal cost is determined as a percentage of payroll. The excess of the total contribution rate over the normal cost rate is used to amortize the System's unfunded actuarial accrued liability, and the number of years needed to amortize the System's unfunded actuarial accrued liability is determined using an open, level percentage of payroll method. Based on the actuarial valuation as of December 31, 2006 and the plan provisions recognized in that valuation, the normal cost was 21.691% of pay and the amortization period was 29.7 years.

# Actuarial Section

#### Exhibit 22

#### Austin Police Retirement System Disclosures in Accordance with GASB Statement No. 27 Notes to the Financial Statements for the City of Austin for the Fiscal Year Ending September 30, 2007

#### I. Annual Pension Cost

For the fiscal year ending September 30, 2007, the City's Annual Pension Cost (APC) for the Austin Police Retirement System is §\_\_\_\_\_\_ as described below in footnote 4 of Trend Information. The total contributions by the City are a fixed 18% of the basic compensation, consisting of base pay and longevity pay, of the members of the System (including both police cadets and officers). However, since September 1, 2003, a portion of the city's contribution is allocated to a separate Retiree Death Benefit Fund (account). This portion, redetermined annually, was 0.094% for 2006 based on the December 31, 2004 actuarial valuation and is 0.081% for 2007 based on the December 31, 2005 actuarial valuation. Therefore, the contributions for the fiscal year ending September 30, 2007 were equal to 17.906% of payroll for the period October 1, 2006 through December 31, 2006, 17.919% of payroll for the period January 1, 2007 through September 30, 2007.

The annual required contributions (ARC) by the city for the fiscal year ending September 30, 2007 were based on the actuarial valuations as of December 31, 2004 and as of December 31, 2005 using the entry age actuarial cost method and were determined in compliance with the GASB Statement No. 27 parameters, including a maximum amortization period of 30 years for the ARC for the fiscal year ending September 30, 2007. The actuarial methods and assumptions used for the three most recent valuations are shown below:

Valuation date	12/31/2004	12/31/2005	12/31/2006
Actuarial cost method	Entry age	Entry age	Entry age
Amortization method	Level percent of payroll, open	Level percent of payroll, open	Level percent of payroll, open
Amortization period for ARC	30 years	30 years	30 years
Asset valuation method	5-year adjusted market value	5-year adjusted market value	5-year adjusted market value
Actuarial Assumptions			
<ul> <li>Investment return</li> </ul>	8.0%	8.0%	8.0%
• Projected salary increases	4.0% plus promotion and longevity	4.0% plus promotion and longevity	4.0% plus promotion and longevity
• Inflation	4.0%	4.0%	4.0%
<ul> <li>Cost-of-living increases</li> </ul>	0.0%	0.0%	0.0%
<ul> <li>Payroll increases</li> </ul>	4.0%	4.0%	4.0%
• ARC as a percent of payroll	18.148%	18.775%	17.846%
	— Rudd and Wisdom	, Inc. ———	

#### Exhibit 22 (continued)

#### Austin Police Retirement System Disclosures in Accordance with GASB Statement No. 27 Notes to the Financial Statements for the City of Austin for the Fiscal Year Ending September 30, 2007

#### II. Three-Year Trend Information for the Austin Police Retirement System

Fiscal	Annual	Contributions as	Percentage	Net
Year	Pension	a Percentage	of APC	Pension
Ending	Cost (APC)	of Payroll	Contributed	Obligation
09/30/2005 09/30/2006 09/30/2007	\$1,3 4	17.906/17.902% 17.902/17.906 17.906/17.919	100% 100 5	\$0 0 6

<sup>1</sup> City will be able to determine these amounts from their accounting system since there is no net pension obligation.
<sup>2</sup> APC was equal to the ARC, which is 17.906% of payroll for the period October 1, 2004 through December 31, 2004 plus 17.902% of payroll for the period January 1, 2005 through September 30, 2005, which is the actual contributions.

<sup>3</sup> APC was equal to the ARC, which is 17.902% of payroll for the period October 1, 2005 through December 31, 2005 plus 17.906% of payroll for the period January 1, 2006 through September 30, 2006, which is the actual contributions.

<sup>4</sup> APC was equal to the ARC, which is 18.148% of payroll for the period October 1, 2006 through December 31, 2006 plus 18.775% of payroll for the period January 1, 2007 through September 30, 2007, which is more than the actual contributions. There is no interest on the Net Pension Obligation (NPO) nor an NPO-related adjustment to the ARC, since the NPO was zero at the beginning of the year.

<sup>5</sup> The percentage of APC contributed is the actual contributions divided by the APC.

<sup>6</sup> The NPO as of September 30, 2007 is equal to the APC less the actual city contributions to the System in excess of the portion of contributions for the Retiree Death Benefit Fund. The NPO at the beginning of the year was zero.

Actuarial Valuation Date	Actuarial Value of Assets (a)	Entry Age Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (UAAL) (b - a)	Funded Ratio (a/b)	Annual Covered Payroll <sup>1</sup> (c)	UAAL as a Percentage of Covered Payroll ((b - a)/c)
12/31/01	\$284,761,203	\$347,548,177	\$62,786,974	81.9%	\$69,706,749	90.1%
$12/31/02^2$	298,781,560	384,991,799	86,210,239	77.6	79,236,366	108.8
12/31/03	320,354,298	413,964,994	93,610,696	77.4	80,958,862	115.6
$12/31/04^3$	343,446,574	451,579,880	108,133,306	76.1	86,673,590	124.8
12/31/05 <sup>3</sup>	371,504,533	494,640,856	123,136,323	75.1	93,428,957	131.8
12/31/06 <sup>3,4</sup>	417,283,844	576,125,324	158,841,480	72.4	100,090,151	158.7

#### III. Schedule of Funding Progress

<sup>1</sup> The covered payroll is based on the annual rate of base pay and longevity pay used in the valuation.

<sup>2</sup> Reflects changes in plan benefit provisions effective September 1, 2003.

<sup>3</sup> Some of the actuarial assumptions were revised.

<sup>4</sup>Reflects changes in plan benefit provisions effective September 1, 2007 and December 1, 2007.

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#### Exhibit 22 (continued)

Austin Police Retirement System Disclosures in Accordance with GASB Statement No. 27 Notes to the Financial Statements for the City of Austin for the Fiscal Year Ending September 30, 2007

#### IV. Actuarial Information for Notes to the Financial Statement as Required by Paragraph 20 of GASB 27

#### A. PLAN DESCRIPTION

The Board of Trustees of the City of Austin Police Retirement System is the administrator of a single-employer defined benefit pension plan. The System is considered part of the City of Austin's financial reporting entity and is included in the City's financial reports as a pension trust fund. The Plan issues a stand alone report that is available from the Retirement Board.

The System was originally established in 1979 by a City Council ordinance. Effective August 1991, the System is governed by state law with plan amendments made by the Legislature of the State of Texas. The System provides retirement, death, disability and withdrawal benefits. Benefits vest after 10 years of credited service. Participants may retire at (a) 23 years of service excluding any military service credit regardless of age, or (b) age 55 with 20 years of service excluding any military service or (c) age 62. The monthly benefit at retirement is payable as a life annuity (modified cash refund). The actuarial valuation as of December 31, 2006 recognized that the monthly benefit will be equal to 3.2% of the highest 36-month average salary multiplied by years and months of service and that pensioners will receive a 6.67% increase in monthly benefits effective December 1, 2007.

The DROP provisions require that a participant must have 23 years of creditable service with the retirement system excluding any military service credit on the date the participant either elects for the RETRO benefit computation date or elects to enter the FORWARD DROP. Further, the DROP provisions may be changed in the future by Board rule with approval by the System's actuary. Similarly, the eligibility requirement for service retirement may be changed in the future by Board rule with approval by the System's actuary except, the age 62 minimum eligibility regardless of service may not be changed by Board rule.

The Post Retirement Option Plan (PROP) is an option allowing retiring officers to leave their DROP lump sum in the System for a period of time. The participant can elect to receive partial payments from the DROP lump sum account and can also elect to delay payment of the entire DROP lump sum. Interest credits are paid on the participant's DROP lump sum account following the participant's retirement until the entire lump sum is paid. The interest credits are granted based on an annual rate determined from time to time by Board Rule. Page 86

#### Exhibit 22 (continued)

Austin Police Retirement System Disclosures in Accordance with GASB Statement No. 27 Notes to the Financial Statements for the City of Austin for the Fiscal Year Ending September 30, 2007

Distributions to officers or their beneficiaries are also available in the event of total and permanent disability, provided the officer has completed 10 years of service or the injury was sustained during the performance of employment duties, or upon death. The terms of benefit payments are determined by certain elections made by the officer, their level of earnings and length of service. Payments to officers or their beneficiaries may be increased annually on an ad hoc basis, limited to 6% per year, and subject to the approval of the Retirement Board and the actuary.

A \$10,000 post-retirement lump sum death benefit is payable from a separate Retiree Death Benefit Fund (account) administered by the System.

Participating members in the System include full-time police officers and cadets employed by the police department of the City and employees of the System.

#### B. CONTRIBUTIONS

The System is funded by biweekly contributions from the basic compensation, consisting of base pay and longevity pay, of police officers and by contributions from the City. Under the provisions in effect during the fiscal year ending September 30, 2007, participants were required to contribute 11% of their basic compensation to the System. Beginning in October 2007, participants are required to contribute 13% of their basic compensation to the System. The City is required to make contributions equal to at least 18% of basic compensation. Since September 1, 2003, a portion of the City's total 18% contribution is allocated to the Retiree Death Benefit Fund. This portion was 0.094% for the period October 1, 2006 through December 31, 2006 and was 0.081% for the period January 1, 2007 through September 30, 2007.

The total City contribution rate of at least 18% is required by the state law governing the System and may be changed by amendment made by the Legislature of the State of Texas. The participant contribution rate must be at least 6% but was increased from 9% to 11% effective October 2006 and to 13% effective October 2007 by a recommendation of the Retirement Board and an approving vote of the participating members in accordance with the state law governing the System. The participant contribution rate may be changed by amendment made by the Legislature of the State of Texas or by appropriate actions of the Board and the participating members in accordance with the state law governing the System.

#### Exhibit 22 (continued)

Austin Police Retirement System Disclosures in Accordance with GASB Statement No. 27 Notes to the Financial Statements for the City of Austin for the Fiscal Year Ending September 30, 2007

While contribution rates are not actuarially determined, state law requires that each plan of benefits adopted by the System must be approved by a qualified actuary. The actuary certifies that the contribution commitment by the police officers and the City provides an adequate financing arrangement at the time any change is made. Using the entry age actuarial cost method, the System's normal cost is determined as a percentage of payroll. The excess of the total contribution rate over the normal cost rate is used to amortize the System's unfunded actuarial accrued liability, and the number of years needed to amortize the System's unfunded actuarial accrued liability is determined using an open, level percentage of payroll method. Based on the actuarial valuation as of December 31, 2006 and the plan provisions recognized in that valuation, the normal cost was 21.691% of pay and the amortization period was 29.7 years.

# Benefit Guide and Historical Information Section

# Benefit Guide & Historical Information

# INTEREST PAID ON MEMBER CONTRIBUTIONS

(15 Year History)

Year	Interest Paid
2006	0.0%
2005	0.0%
2004	2.0%
2003	2.0%
2002	2.0%
2001	4.0%
2000	5.0%
1999	5.0%
1998	5.0%
1997	5.0%
1996	5.0%
1995	5.0%
1994	5.0%
1993	4.5%
1992	5.5%

# HOW IS THE AMOUNT OF INTEREST PAID ON RETIREMENT CONTRIBUTIONS DETERMINED?

The Board of Trustees annually determines the amount of interest paid on members' accumulated deposits, taking into consideration the performance of the Fund's investments and the actuary's recommendations. The actuary considers what funds are necessary to pay all the benefits that retirees and their surviving beneficiaries are entitled to, as well as the expected liability for current officers who will someday retire.

Retirement interest is paid at the end of the calendar year based on the amount that each officer had in the system on the first day of that calendar year. For instance, if you had \$1,000 on January 1, and on December 31, you had \$1,500, your interest for that year would be based on the \$1,000 you had in the system on January 1. In order to obtain that interest, your money must have remained on deposit for the entire calendar year.

# Benefit Guide & Historical Information

Page 91

# Cost of Living (Ad Hoc) Adjustments

(15 Year History)

Year	COLA Paid
2006	0.0%
2005	0.0%
2004	1.75%
2003	3.0%
2002	1.5%
2001	3.0%
2000	3.0%
1999	3.0%
1998	4.0%
1997	2.0%
1996	3.0%
1995	2.0%
1994	0.0%
1993	5.0%
1992	6.0%

# HOW IS THE AMOUNT OF COST OF LIVING ADJUSTMENT FOR RETIREES DETERMINED?

The Board of Trustees annually determines the amount of cost of living adjustment (Ad Hoc) to pay retirees, taking into consideration the performance of the Fund's investments, consumer price index (CPI) and the actuary's recommendations. The actuary considers what funds are necessary to pay all the benefits that retirees and their surviving beneficiaries are entitled to, as well as the expected liability for current officers who will someday retire, making sure the liabilities can be amortized within acceptable accounting and governmental guidelines.

Cost of living adjustments are paid at the beginning of the calendar year, of the year proceeding the year approved. A member who retires between January 1, and December 31, in the year the cost of living adjustment is approved, will see their amount paid prorated for the number of months the retiree was actually retired.

# Benefit Guide & Historical Information

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COMPARATIVE STATEMENT OF MEMBERSHIP				
RETIRE	MENT SYSTEM	2005	2006	
Total Nur	nber of Members, January 1	1415	1433	
Add:	New Members	100	115	
Deduct:	Members Terminated	(37)	(39)	
Members	s Transferred to Retiree System	(34)	(36)	
Total Me	mbership, December 31	1444	1473	
Deduct:	Inactive Vested Members	<u>(11)</u>	<u>(11)</u>	
*TOTAL A	ACTIVE MEMBERS, DECEMBER 31	<u>1433</u>	<u>1462</u>	
RETIRE	E SYSTEM			
Total Nur	nber of Retired Members, January 1	356	386	
Add:	Retired Members Transferred to System	34	36	
Deduct:	Retired Members Deceased	<u>(4)</u>	<u>(1)</u>	
	RED MEMBERS, DECEMBER 31 ship status as of 3/31/07	386	<u>421</u>	

# INTRODUCTION

While this information below sets forth most of the facts about the plan, it does not attempt to describe all provisions or limitations as they apply in individual situations. In case of any conflict between the guide and the statute, Article 6243n-1, Vernon's Texas Civil Statutes, as amended will prevail.

# RETIREMENT SYSTEM MEMBERSHIP AND CONTRIBUTIONS

#### MEMBERSHIP REQUIREMENTS

All cadets upon enrollment in the Austin Police Academy, and <u>commissioned</u> law enforcement officers employed by the City of Austin Police Department, as well as full time employees of the City of Austin Police Retirement System (after serving a 6 month probationary period); become <u>members</u> of the Police Retirement System at date of employment.

#### **CONTRIBUTIONS**

Each member of the system contributes 11% of base pay bi-weekly and annual longevity pay through payroll deduction. Overtime or special pay is not included. Contributions continue unless a member is on leave of absence, withdraws by terminating and/or retiring.

The City of Austin contributes 18% of every police member's base pay bi-weekly and 18% of member's longevity pay annually. Once it becomes a part of the retirement fund, the City's contribution is invested for the benefit of all active employees and made available to pay benefits at retirement. Most retirees receive benefits equal to all their own contributions and interest, through their monthly annuity payments, within two or three years after retirement. Because of the contributions made by the City and the interest earned on the Fund's investments, money is available to continue paying each retiree monthly benefits according to their selected option as long as they live, long after their own contributions have been received. These contributions and interest earned thereof, also help in paying lifetime benefits to the surviving beneficiaries of deceased retirees according to their selected option and pay periodic (Ad-Hoc) cost of living adjustments (COLA's).

#### **RETIREMENT FUND INVESTING**

The COA-Police Retirement System's Fund monies are invested according to requirements prescribed by the system's statutory plan and further defined in the Board's Statement of Investment Policy and Statement Guidelines. The investments provide returns that help fund the monthly retirement allowances and make benefit improvements to the system on behalf of active members, retired members and beneficiaries.

# SERVICE RETIREMENT BENEFITS

#### **RETIREMENT ELIGIBILITY**

Normal, unreduced retirement:

Members are eligible for normal, unreduced retirement when they meet one of the following age and service requirements:

- \* Any age and 23 years creditable service. (excluding Pre-membership Military Service)
- \* Age 55 and 20-years creditable service. (excluding Pre-membership Military Service)
- \* Age 62 and any number of creditable service years.

#### CREDITABLE SERVICE

Creditable service is service that is used in computing retirement benefits. There are seven types of creditable service:

1. Membership Service - Eligible service during employment period where a member makes payroll contributions to the fund.

2. Probationary Service - Eligible service purchased from commission date to retirement system start date in the event it has not been credited.

3. Military Service - Eligible service purchased for up to two years previous active federal duty military service, prior to employment. A member is <u>not eligible</u> to use this type of military service credit when it has been used as creditable service in another federal or statutory public retirement system in Texas.

4. Uniformed Leave of Absence Service - Eligible service for military leave of absence

granted from City employment and purchased within five years of reemployment with the City.

5. Reinstated Forfeited Service - Eligible service for prior Austin Police Retirement System membership service that was forfeited by withdrawal of accumulated deposits, and repurchased after 24 consecutive months of membership service after police reemployment.

6. Cadet Service - Eligible service purchased from date of cadet class enrollment to commission date in the event it has not been credited.

7. Permissive Service - Eligible service of up to 60 months at 20 years of service credit or more for immediate retirement, excluding pre-membership military service, at full actuarial present value cost.

#### RETIREMENT BENEFIT LIFE ANNUITY CALCULATED

Basic retirement benefit Life Annuity is calculated using the following formula:

	\$5,700		
Average monthly salary for highest 36 months of last 10 years			
of contributing service			
23	x 3.0% =	\$3,933	
Total years of membership service Basic monthly benefit		monthly benefit amount	

3.0% multiplied by years of membership service times averaged monthly salary for the highest 36 months of the last ten years of contributing service by payroll deduction.

#### **RETIREMENT OPTIONS**

The Police Retirement System provides several options under which monthly benefits may be paid. The options below require verifiable information to be submitted to the Pension Office for calculation. Please note: A member may not change their chosen option after they have already retired.

#### Life Annuity

Monthly retirement annuity payable only to the member for life with no survivor benefits.

Option I - 100% Joint and Survivor Annuity.

This is a retirement annuity payable monthly as long as you live.

At your death, your surviving beneficiary will receive the same annuity amount.

Option II - 50% Joint and Survivor Annuity.

This is a retirement annuity payable monthly as long as you live.

At your death, your surviving beneficiary will receive one-half the annuity amount.

Option III - 66 2/3% Joint and Survivor Annuity.

This is a retirement annuity payable monthly as long as you live.

At your death, your surviving beneficiary will receive two-thirds the annuity amount.

Option IV - Joint and 66 2/3% Last Survivor Annuity.

This is a retirement annuity payable monthly as long as you live. At either your death or the death of your beneficiary, the last survivor of the two will receive two-thirds of the annuity amount.

Option V - Fifteen year Certain and Life Annuity

This is a retirement annuity payable monthly as long as you live. If your death occurs before you have received 180 payments, your designated beneficiary or estate will receive the remaining monthly payments. If you are still living after receiving the 180 payments, payments will continue until your death.

The options that include benefits to a survivor are figured according to the ages of both member and surviving beneficiary included in the plan.

A member's benefit is permanently reduced if an option is chosen that provide survivor benefits to a beneficiary. This reduction is applied to the member's basic benefit relative to the option the member chooses.

The reduction of member benefits is necessary to pay for the continued benefits the surviving beneficiary is expected to receive.

#### RETROACTIVE DEFERRED RETIREMENT OPTION PLAN

The retroactive deferred retirement option plan, referred to as RETRO DROP Option, is a <u>one-time benefit</u> paid at retirement with a reduced monthly retirement benefit. To be eligible a member must qualify with a normal service retirement of 23 years at any age, excluding pre-membership military service credit. The maximum amount of service to be used in computation of the RETRO DROP after normal service retirement of 23 years, excluding pre-membership service credit is 36 months.

On the election of RETRO DROP and the selection of the RETRO DROP benefit computation date, the member's monthly retirement option is computed as if the member had retired on the RETRO DROP benefit computation date. The RETRO DROP <u>benefit balance</u> will include the accumulated monthly benefits after 23 years with retiree COLA'S, multiplier increases, member contributions and a 5% simple interest calculation on December 31<sup>st</sup> for balances on deposit as of January 1<sup>st</sup> of the same calendar year.

A member who elects RETRO DROP receives a one-time benefit with a reduced monthly retirement benefit at retirement date.

Certain selections of options and beneficiary designations other than a surviving spouse may have adverse consequences under the Internal Revenue Code of 1986, which may cause a reduction in the amount of benefit payable. You are urged to consult your attorney or tax advisor prior to a final selection of an option.

#### RETRO DROP BALANCE OPTION PLAN or (PROP) Post Retirement Option Plan

Instead of a single lump-sum payment, a member may elect to receive partial payments from the member's RETRO-DROP account for each calendar year, in an amount elected by the member. The board may establish procedures concerning partial payments, including limitations on timing and frequency of those payments. A member who elects partial payments may, at any time, elect to receive the member's entire remaining RETRO DROP account balance in a single lump-sum payment, with the payment to be made under rules adopted by the board.

If a member elects partial payments, the member's RETRO DROP account shall be credited with earnings or losses of the system while funds remain in the account. These earnings or losses will be determined at an annual rate established under a rule adopted by the board, which can be amended by board rule.

#### PROP MONTHLY ANNUITY DEFERRAL

The PROP Monthly Annuity Deferral plan allows retiring or retired members to defer receipt of their monthly annuity in order to defer the taxation of the deferred payments and to have the monthly benefits accumulate for later disbursement and later taxation in a Post Retirement Option Plan account. Special rules provide for a one-time period of deferral that would cease at the earliest of: (1) the date payment on the monthly benefit is requested, or (2) the date any portion of the PROP account is paid, or (3) the IRS required age of 70  $\frac{1}{2}$  is reached.

Making an election to defer a member's monthly annuity into PROP or revoking that election can have adverse tax consequences in some situations, especially if the member terminated active service before the year in which he or she attained age 55. Therefore, the election should not be made until the member has discussed the matter with a professional financial planner or tax advisor who is knowledgeable about the tax treatment of distributions from qualified tax plans.

#### RETIREMENT OPTION'S AFFECT ON BENEFICIARY

If a member selects the Life Annuity, the monthly benefit stops at the death of the member. At that time an amount equal to the excess, if any, of the member's accumulated deposits over the amount of payments made to the member will be paid in a lump sum to the member's designated beneficiaries or estate.

If the member chooses an option providing benefits to a survivor, then at the member's death the benefit specified in the option will be paid to the designated beneficiary for life. If the designee does not survive the member, monthly benefits cease. The amount equal to the excess, if any, of the members accumulated deposits over the amount of payments which have been made to both the member and the beneficiary combined will be paid in a lump sum to other designated beneficiaries, or to the estate of the deceased member.

# DISABILITY

# **RETIREMENT BENEFITS**

#### **DISABILITY ELIGIBLITY**

To be eligible for disability retirement, the applicant must be unable to perform employment duties due to medical or emotional restriction's and/or diagnosis. The disability must be considered a permanent job performance disability. The disability must also be subsequent to the member's effective date of membership AND,

1) if a member with <u>less than 10 years of creditable service</u> has, become mentally or physically incapacitated for the performance of the employment duties the member had immediately before incapacitation as a direct result of injuries sustained subsequent to the member's effective date of membership in the Police Retirement System, the member may apply for disability retirement. Such application made for or on behalf of the injured member, shall show that the injury sustained was as a direct or proximate result of the performance of the member's employment duties with the City or with the system; that it is likely to result in the member's inability to perform the duties of a position offered to the member in the system, the police department, or any other department in the City; that pays as much or more than the current pay of the position the member was holding on the date of the member's disability.

2) if a member with <u>more than 10 years of creditable service</u> has become mentally or physically incapacitated for the performance of the employment duties the member had immediately before incapacitation, the member may apply for disability retirement. Such application made for or on behalf of the injured member, shall show that the incapacity is likely to result in the member's inability to perform the duties of a position offered to such member in the system, the police department, or any other department in the City; that pays as much or more than the current pay of the position the member was holding on the date of the member's disability.

Disability applications are presented to the Disability Committee, whose recommendations are reported to the Retirement Board. The Board has the final authority in granting disability retirement benefits.

#### COMPUTATION OF DISABILITY BENEFIT

On award of disability retirement benefits, the member shall receive a disability retirement computed in the same manner that a service retirement benefit would be computed at the member's normal retirement date, based on average final compensation and creditable service at date of disability retirement without reduction for early retirement. If the disability is a direct or proximate result of the performance of the member's employment duties with the system or the city, then the disability retirement benefit will be subject to a minimum benefit based on average final compensation at date of disability retirement and 20 years of service.

A member approved for a disability retirement benefit will have the option to select an unreduced basic Life Annuity; 100% Joint and Survivor Annuity; 50% Joint and Survivor Annuity; 66 2/3% Joint and Survivor Annuity; Joint and 66 2/3% Last Survivor Annuity; and Fifteen Year Certain and Life Annuity.

Disability retirees are required annually to provide proof of continued disability and financial need to the Retirement Board.

#### DISABLILTY BENEFIT LIFE ANNUITY CALCULATED

Disability retirement benefit Life Annuity is calculated using the following formula:

	\$5,700	
Average monthly salary for highest 36 months of last 10 years		
of contributing service		
20	X 3.0% =	\$3,420
Total years of membership	Basic monthly	benefit amount service

3.0% multiplied by years of membership service times averaged monthly salary for the highest 36 months of the last ten years of contributing service by payroll deduction.

# **DEATH & SURVIVOR BENEFITS**

#### FOR RETIREE OR ELIGIBLE RETIREE'S BENEFICIARY

At the death of a retiree, a tax free death benefit of \$7,500 is paid to the designated beneficiary(ies) or estate.

At the death of an active member eligible to retire, a taxable death benefit of \$7,500 is paid to the designated beneficiary(ies) or estate.

#### FOR ACTIVE & VESTED MEMBER'S BENEFICIARY

At the death (whether on or off the job) of an active member:

Who is not eligible for retirement, the designated beneficiary(ies) is entitled to a lump sum payment consisting of a return of the member's accumulated deposits (contributions and interest) and a death benefit from the Fund of an amount equal to the deposits. The lump sum payment may not be less than \$7500. When the \$7,500 minimum is payable, the amount payable from the Fund is \$7,500 minus the accumulated deposits standing to the member's credit.

At the death of a vest member:

Who has terminated employment, but left their contributions in the Fund waiting to become eligible for retirement. If such a vested member dies before the annuity payments begin, their beneficiary would receive in a lump sum amount twice the deceased vested members' accumulated deposits.

If a member has met the requirements of retirement eligibility prior to death: The surviving designated beneficiary will be entitled to receive monthly payments under a retirement option in lieu of the return of the member's accumulated deposits and lump sum death benefit.

In the event a member who is eligible for service retirement dies without making a written option selection, and the member leaves a surviving spouse. The surviving spouse may select a retirement option in the same manner as the member would have made or may select a lump sum payment equal to twice the member's accumulated deposits.

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If there is no surviving spouse, the deceased member's beneficiary may elect to receive payment under Option VII, a Fifteen Year Certain and Life Annuity, which will pay monthly benefits for a period of fifteen years, or a lump sum payment equal to twice the members accumulated deposits.

When monthly benefits are payable in lieu of a lump sum, a \$7,500 taxable death benefit will be paid to the beneficiary(ies).

#### SELECTION OF RETIREMENT OPTIONS AND DESIGNATING A BENEFICIARY

Within one year prior to the date on which a member becomes eligible for service retirement, the member may file with the board the member's written statement either selecting a retirement option or designation of beneficiary. The member will retain the right to make a final selection of retirement option or designation of beneficiary until the date of retirement.

# HEALTH INSURANCE

Basic medical and dental insurance coverage is available through the City of Austin Human Resources Benefits Division.

Retirees have several choices of insurance carriers and coverage options. Any questions about carriers and plan coverage choices should be directed to the City of Austin Benefits Office at One Texas Center, 505 Barton Springs, Rd., Ste. 600, Austin, Texas 78704. or, P.O. Box 1088, Austin, Texas 78767 or by phone at (512) 974-3284.

# LEAVING THE SYSTEM

#### **DEFINITION OF A VESTED MEMBER**

When you have attained ten years of creditable service, you become a vested member of the retirement system.

This means that you have a right to receive a monthly annuity when you reach retirement eligibility. Even if you leave the City Police employment before reaching eligibility, if you are vested, you can decide to leave your contributions in the system and begin drawing your annuity when you reach age 62, or when you meet other age and service requirements for retirement eligibility.

It is important to note that, although retirement contributions for inactive members draw interest, the inactive member's multiplier can increase during the years between the member's termination and retirement, but no cost of living increases are applied.

#### RETIREMENT BENEFITS RETURNED TO MEMBER

When you leave the City as a cadet or a commissioned officer, you will fill out a refund form telling the Pension Office which option form you wish, when you want to receive your retirement contributions and where you want them to be sent. Your choices will be:

1. Have your contributions refunded as soon as you terminate employment. Your retirement contribution refund check will be issued two weeks after you receive your final check. It will be mailed to the address on the refund form. (Federal Income Tax will be withheld on all untaxed contributions and interest at 20% of the total taxable amount.)

2. You may decide to leave your contributions in the retirement system through the end of the calendar year. By doing this, you will receive interest on your contributions. Once the year has ended, your refund check will be issued to you in January. (Federal Income Tax will be withheld on all untaxed contributions and interest at 20% of the total taxable amount).

3. You may have your contributions transferred to an I.R.S. qualified retirement plan through a direct rollover by leaving a letter of transfer with the Pension Office. (Federal Income Tax will not be withheld but the monies will be made payable and moved to the qualified retirement plan on your behalf).

4. If you have ten or more credit service years, you can choose to take advantage of your vested right to an annuity when you reach retirement eligibility. If you indicate that you want to vest your benefits, your contributions will remain in the retirement system until you reach retirement eligibility and request that your monthly annuity begin. Your contributions will continue to earn interest until your monthly annuity begins. One thing to remember should you choose vesting is when you reach eligibility, your benefits will be based on the eligibility in effect at the time you terminated employment. You will receive the current multiplier but no cost of living increases will be applied to your benefits after you leave City Police employment and before the date your annuity payments begin.

#### RETIREMENT REFUND CHECKS ISSUED AFTER WITHDRAWING CONTRIBUTIONS

With your final paycheck, one final contribution will be made to the retirement fund. After that check is issued, the exact amount of your total refund can be determined. Retirement refund checks are issued every two weeks, at the same time regular payroll checks are issued. Therefore, a member's retirement refund check will be issued the payday following the issuance of that member's final paycheck. NOTE: Your final time sheet must be properly coded before your retirement refund check can be issued. If you have ten or more years of service at termination, contact the Pension Office regarding your option to receive a vested accrued retirement benefit.

#### LEAVING THE CITY AND WITHDRAWING ACCUMULATED DEPOSITS

Every payday the City contributes an amount to the retirement fund that is 18% of the total of all members payroll. This money becomes a part of the retirement fund. Whereas each member's own contributions are individually accounted for, the amount paid in by the City belongs to all the members of the retirement system and is not specifically assigned to individual members.

When you leave police employment before becoming eligible for retirement, all of your own contributions and interest are returned, however no <u>City</u> contributions, or interest earned, will be paid to you.

# FUND INFORMATION

#### RETIREMENT FUND LOANS AND WITHDRAWALS

The Austin Police Retirement System is an approved I.R.S. qualified 414h defined benefit plan designed to provide income to members who retire from the City. Because of this, APRS members are not allowed, by Federal law, to borrow or withdraw funds as long as they are still employed.

#### DETERMINING INTEREST ON YOUR CONTRIBUTIONS

The Board of Trustees annually determines the amount of interest paid on members' accumulated deposits, taking into consideration the performance of the fund's investments and the actuary's recommendations. The actuary considers what funds are necessary to pay all the benefits that retirees and their surviving beneficiaries are entitled to, as well as the expected liability for current members who will someday retire.

Retirement interest is paid on December 31<sup>st</sup>, based on the amount each member has in the Police Retirement System on January 1st of the same calendar year.

#### DETERMINING YOUR COA-POLICE RETIREMENT SYSTEM'S DEPOSIT AMOUNT

Members receive an 'Annual Statement' from the Austin Police Retirement System in January each year which provides information on total accumulated deposits and interest along with total creditable service.

# WHO SHOULD I CONTACT FOR MEMBER SERVICES

A Pension Office has been established to serve the membership. Group and individual counseling is provided to members by this office. Prior to your retirement, a retirement counselor will prepare a schedule of your benefits under each of the options and assist you in your preparation to retire.

The Pension Office personnel can be reached at (512) 416-7672 and their address is 2520 South I.H. 35, Suite 205, Austin, Texas 78704.

# IMPROVEMENTS TO SYSTEM

(Last 15 Years)

#### NOVEMBER 1992

A full time Pension Administrator was hired.

#### AUGUST 1993

Purchased building at 2520 South IH-35 to permanently house the Pension Office.

#### OCTOBER 1993

Member contribution rate was increased from 6% to 9%.

#### OCTOBER 1994

The City's contribution rate was increased from 12% to 14%.

#### SEPTEMBER 1995

Provision added for retirement eligibility with unreduced benefits to include members who have 25 years of creditable service.

Benefit formula multiplier was increased from 2.3% to 2.8%.

Special increase granted to retirees based on benefit formula multiplier in use at date of Retirement.

The retiree death benefit is increased to \$5,000 from \$2,000.

#### OCTOBER 1995

The City's contribution rate was increased from 14% to 16%.

# OCTOBER 1996

The City's contribution rate was increased from 16% to 18%.

# SEPTEMBER 1997

Benefit formula multiplier was increased from 2.8% to 2.88%.

Special Ad hoc increase granted to retirees based on benefit multiplier 2.88% divided by benefit multiplier 2.8%, minus one, and multiplied by 100.

The retiree death benefit is increased to \$7,500 from \$5,000.

Retroactive Deferred Retirement Option Plan (RETRO DROP) provision added for retirement lump sum distribution with a reduced benefit.

# APRIL 1998

Officers who had non-membership time after they were enrolled in Cadet class are now able to buy back that non-membership time as retirement service credit.

Cadets are now members of the retirement system at enrollment date and upon contributing 9% of their biweekly payroll.

# SEPTEMBER 1999

Board Membership changed to allow for greater membership participation by adding one active officer and one retired officer position to the Board of Trustees.

# JULY 2000

Benefit formula multiplier was increased from 2.88% to 3.0%

Special Ad hoc increase granted to retirees based on benefit multiplier 3.0% divided by benefit multiplier 2.88%, minus one, and multiplied by 100.

# SEPTEMBER 2001

Provision added for retirement eligibility with unreduced benefits to include members who have 23 years of creditable service excluding pre-membership military service.

Post Retirement Option Plan (PROP) provision added for members who select the Retroactive Deferred Retirement Option Plan (DROP) and instead of receiving a single lump-sum payment, elect to receive partial payments from the member's DROP account for each calendar year, in an amount elected by the member.

# SEPTEMBER 2003

IRS code adopted to allow the retiree death benefit amount of \$7,500 to be distributed to beneficiary of retired member as a Tax Free lump sum amount.

Permissive Service Credit provision added, which allows members to purchase at 20 years of service, additional time, minimum of three years service credit needed to retire at normal retirement eligibility (23 years) at actuarially neutral cost to the 'System'.

# APRIL 2006

The PROP Monthly Annuity Deferral Option was added for retiree members.

# OCTOBER 2006

Member contribution rate was increased from 9% to 11%.

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# NOTES