2009 Annual Report



For the year ended December 31, 2009

Table of Contents

| lntr | oductory Section | |
|------|--|----|
| | Retirement Board | 5 |
| | Pension Office Staff | 6 |
| | Professional Service Providers | 7 |
| | Investment Managers | 8 |
| | Chairman's Letter to Members | 10 |
| Fina | ancial Section | |
| | Investment Overview | 13 |
| | Independent Auditors' Report | 14 |
| | Management Discussion & Analysis | 15 |
| | Statement of Plan Net Assets | 20 |
| | Statement of Changes in Plan Net Assets | 21 |
| | Notes to Financial Section | 22 |
| | Required Supplementary Information (unaudited) | 39 |
| Act | uarial Section | |
| | Actuarial Review and Report | 40 |
| His | torical Information and Benefit Section | |
| | Improvements to the System | 91 |
| | Interest Paid to Members | 94 |
| | COLA's Paid to Retirees and Beneficiaries | 95 |
| | Comparative Statement of Membership | 96 |
| | Pension Plan Benefit Guide | 97 |



Public Pension Coordinating Council

Public Pension Standards Award For Funding and Administration 2009

Presented to

City of Austin Police Retirement System

In recognition of meeting professional standards for plan funding 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 H. Winkle Program Administrator

alan Helinkle

INTRODUCTORY SECTION

City of Austin Police Retirement System Board Of Trustees

Police Member Peter Morin

Chairman

Police Member Lt. Fred Fletcher

Vice Chairperson

Police Member Lt. Catherine Haggerty

Police Member Cmdr. Michael Jung

Police Member SPO. Tim Atkinson

Retired Police Member Kendall Thomas

Retired Police Member John Ross

Citizen Member Chesley Wood

City Member Art Alfaro

Financial Services Office

City Member Jeff Knodel

City Managers Office

City Member Randi Shade

City Council

Pension Office Staff

Chief Executive Officer

Sampson (Sam) K. Jordan

Deputy Director

Stephanie Schkade Willie

Benefit Services Specialist

Michelle Ruland

Financial Manager

Vernon Webb

Administrative Secretary

Shalonda Lee

Professional Service Providers

Custodian Bank

The Northern Trust Company, Chicago, Illinois

Investment Consultant & Performance Evaluator

Consulting Services Group, Memphis, Tennessee

Actuary

Rudd & Wisdom, Inc., Austin, Texas

Auditor

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

Legal Counsel

Klausner & Kaufman, PA, Plantation, Florida

Security Litigation Counsel

Berman DeValerio, PC, Boston, Massachusetts
Cohen, Milstein, PC, Washington, D.C.,
Spector Roseman Kodroff & Willis, PC, Philadelphia, PA.

Investment Managers

Equity

Aletheia Research & Management, Inc., Santa Monica, California
Brandes Investments Partnership, Inc., San Diego, California
KBC Asset Management, Dublin, Ireland
Thornburg Investments, Santa Fe, New Mexico
Wellington Management Company, Boston, Massachusetts

Fixed Income

Ashmore Investment Management, London, England
Clinton Group, LLC, New York, New York
Hoisington Investment Management, Austin, Texas
Orleans Capital Management, Mandeville, Louisiana
SMH Capital, Fort Worth, Texas

Real Estate

C B Richard Ellis Strategic Partners, Inc., Los Angeles, California
Edison Investments, Inc., Wichita, Kansas
GE Asset Management, Inc., Stamford, Connecticut
INVESCO Realty Advisors, Dallas, Texas
JP Morgan Asset Management, New York, New York
Land Baron Investments, Las Vegas, Nevada
McAlister Real Estate, Houston, Texas
New Boston Fund, Inc., Boston, Massachusetts
Sentinel Real Estate, Inc., New York, New York
VEF Advisors, LLC, Atlanta, Georgia
Vision Capital, LP—Marietta, Georgia
World Class Capital Group, Austin, Texas

Investment Managers

Alternatives

Timber

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

Private Equity

CapitalSpring, LLC, New York, New York
Capital Point Partners, Houston, Texas
Huff Energy Fund, LP, Morristown, New Jersey
Sail Venture Partners, LLC, Costa Mesa, California

Hedge Fund

Clinton Group, LLC, New York, New York Excelsior Investors, LTD, Dallas, Texas

2009 Annual Report Letter to Members

August 31, 2010

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, 2009.

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 an investment overview provided by the System's consultants, the independent auditor's report, Management's Discussion and Analysis (MD&A), basic financial statements, notes to the basic financial statements and required supplemental information
- The Actuarial Section contains the consulting actuary's Certification Letter and the full actuarial valuation report.
- The Historical Information & Benefit Section contains historical improvement highlights for the last 15 years, a comparative statement of membership for the last 2 years and the membership benefit guide.

Montemayor & Hill & Associates, PC, the System's independent auditor, issued an unqualified opinion on the System's financial statements. This report indicates that the financial statements are in accordance with Governmental Accounting Standards Board rulings and that the System's financial condition and operations are fairly presented. It is the best type of report an independent auditor may issue.

The actuarial valuation was performed by Rudd & Wisdom, Inc. The Actuarial Valuation Report states that the overall funding of the System remains sound. The System achieved a funding ratio of 70.6% funded and a funding period of 29.3 years to fully fund. Last page in this section is Comparison of Amortization Periods (Actual and Projected) from the original to the revised valuation as of December 31, 2009 anticipating 2% additional City contributions.

The System's management staff is responsible for maintaining internal controls. These controls are designed to provide reasonable assurance that the assets are protected and that financial transactions are executed in accordance with Board policy and federal, state, and local laws and regulations. Additionally, the controls provide assurance regarding Management's responsibility to the System and facilitate the timely preparation of financial statements in accordance with generally accepted accounting principles.

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| | | | | |

At a time when the defined benefit form of public pension plan remains under attack in many jurisdictions around the country, the System's outstanding investment return over time and the diligence of the Board in monitoring the System's funding status help assure its continued financial health.

As always, the Board of Trustees and staff welcome your comments. We appreciate your support and the opportunity to serve you. The Board of Trustees and the staff are dedicated to maintaining the System's excellent financial condition through diversification and sound management of the Pension System. We believe that a strong Pension System benefits the City and its taxpayers, as well as the Members of the System.

Sincerely,

Peter Morin

Chairman, Board of Trustees

Sampson K. Jordan

Chief Executive Officer

FINANCIAL SECTION

Investment Overview

The year 2009 can best be described as the year of hope. Markets rebounded as government intervention halted the precipitous slide of the previous year and investors gained hope that a bottom had been reached and prices would improve. Earnings for the S&P500 stocks showed remarkable improvement as companies cut costs and reduced inventory in expectation of weaker demand. Interest rates remained low despite worries that inflation must soon be coming in response to the massive government stimulus. Despite these positive attributes, liquidity remained limited and banks were reluctant to lend even to their most credit-worthy clients. Real Estate continued to be depressed as the supply / demand for housing and commercial projects sought equilibrium and the deleveraging process continued.

At year end, the portfolio was valued on a mark-to-market basis at \$430.8 million dollars or an increase of almost \$47 million dollars from the prior year. The portfolio's annualized return net of fees for the trailing one, three and five years was 9.2%, -3.9% and 3.6% respectively.

The portfolio's equity exposure represented a little more than a third of the total fund and generated a return for the year of 37%. This was substantially better than the 26.5% return generated by the S&P500 Index, a benchmark for large cap, U.S. Equity portfolios. During this same time, the Barclay's Aggregate Bond Index (a proxy for Core Domestic Fixed Income market) was up 5.9% versus the Austin portfolio return of 24.7%. Most of the outperformance of the portfolio can be attributed to its high yield allocation. The Fixed Income allocation represented 18.1% of the total portfolio at year-end.

One sector of the market that did not experience a rebound was the private real estate market represented by the NCREIF Property Index which was down 16.9%. The portfolio's allocation to real estate and timber of 27.5% suffered even more of a decline falling by 22.5%. Much of this decline is the result of mark-to-market losses on properties that were originally purchased using some senior financing. A significant portion of this real estate is located in Texas where the economic conditions are better than in other major geographic locations within the United States, thus it is expected that these investments will ultimately rebound from their current market prices.

The portfolio has approximately 8% of its assets invested in private equity funds. A significant portion of which is directed toward energy and clean (or "green") technology. These investments did quite well in 2009 rising in value by 14.4%. Although only representing 2.9% of the Fund, the hedge fund allocation was also a positive contributor to performance in 2009 rising over 36.4% net of fees.

While the results achieved in 2009 are certainly better than the prior year loss, the Trustees remain committed to investing in a well diversified mix of investments among various asset classes managed by professional money managers who have demonstrated their competence over time.

Prepared by: Consulting Services Group LLC; Investment Consultant to the Board



Montemayor Hill & Company, P.C.

CERTIFIED PUBLIC ACCOUNTANTS

INDEPENDENT AUDITORS' REPORT

Board of Trustees 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, 2009 and 2008, 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, 2009 and 2008, 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 21 are not a required part of the basic financial statements of the System, but are supplementary information required by the accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

30 August 2010 Austin, Texas

> 3001 SOUTH LAMAR BOULEVARD SUITE 320 AUSTIN, TEXAS 78704 PHONE: 512.442.0880 FAX: 512.442.0817 www.montemayorhill.com

City of Austin Police Retirement System Management 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 2009 and 2008. 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 \$44.9 million or 11.6%, in 2009 and decreased by -\$127.9 million, or -24.8%, in 2008. The asset increase in 2009 is a direct result of global market equity recovery due to US Treasury bail out and global economic stimulus packages, due to the Financial Crisis 2007-2010 in the U.S. banking system. The asset decrease in 2008 is a result of global financial market collapse due to lack of liquidity in major banks, insurance, investment banks and brokerage firms occurring because of the Subprime Crisis.
- Contributions increased by \$3.5 million, or 10.0% in 2009 and increased by \$3.5 million, or 11.1% in 2008. The increase in 2009 is due to increases in the City of Austin's required contributions from 18% of basic compensation in 2008 to 18.25% effective January 1, 2009, then to 18.63% effective October 1, 2009 in order to fund member proportionate retirement option. The increase in 2007 is due to employee contributions increasing from 11% to 13% as of October 1, 2007, an increase in the number of participating members and officer general wages of 5.5%.
- The amount of benefits paid to retired members, beneficiaries and refunded to terminating employees increased approximately \$2.1 million, or 7.9%, during 2009 and \$4.1 million, or 18.9%, during 2008. The increase in 2009 is due to the increase in the number of System retirees by 8.2%. The increase in 2008 is due to retiree pay by 6.667% (multiplier increase), 1% cost of living increase (ad hoc) and increase in the number of System retirees by 3.2%.
- The System's rate of return on investments for the year ended December 31, 2009 was 9.94% gross of fees and 9.24% net of fees, on a market value basis, which was more than the return of -25.2% gross of fees and -25.5% net of fees for the year ended December 31, 2008.
- The funding objective of the System is to meet long-term benefit obligations through contributions and investment income. As of December 31, 2009, the date of the most recent actuarial valuation, the System's funding ratio of actuarial assets as a percentage of actuarial liabilities is 70.6% which is up from the 67.0% level at December 31, 2008. This is primarily due to favorable investment experience. The actuarial assumed rate of return is 8.00%, net of fees and administrative expenses.

City of Austin Police Retirement System Management 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.

Financial Analysis

Summary of Plan Net Assets December 31, 2009, 2008 and 2007

| <u>Assets</u> | <u>2009</u> | <u>2008</u> | <u>2007</u> |
|---|----------------------|----------------------|----------------------|
| Cash, receivables and prepaids | \$3,169,153 | \$2,897,215 | \$1,831,107 |
| Investments, at fair value | 428,570,639 | 383,901,458 | 512,914,698 |
| Fixed assets, net | <u>819,796</u> | <u>899,135</u> | 961,989 |
| Total assets | 432,599,588 | 387,697,808 | 515,707,794 |
| <u>Liabilities</u> | | | |
| Total liabilities | 532,034 | 577,388 | 696,121 |
| Net assets held in trust for pension benefits | <u>\$432,027,554</u> | <u>\$387,120,420</u> | <u>\$515,011,673</u> |

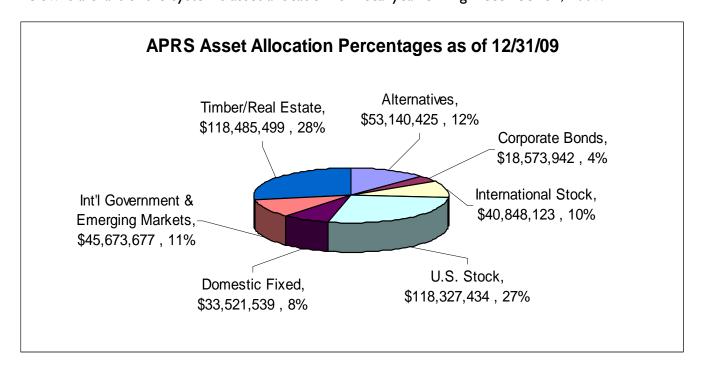
City of Austin Police Retirement System Management Discussion and Analysis

Assets. The Systems' net assets held in trust for pension benefits increased by \$44.9 million in 2009, decreased by -\$127.9 million in 2008 and increased by \$53.8 million in 2007. The 2009 increase reflects the equity market rebound in the global economy after the US Treasury provided bailout monies and guarantees to the financial markets and other countries provided economic stimulus, to avert severe global recession. The 2008 decrease is primary the result of global financial market collapse in all asset classes, resulting in write downs, causing unfavorable investments. The 2007 increase primarily reflects investment returns in the energy, emerging markets, real estate and timberland markets.

The increase in cash, receivables and prepaids of approximately \$272 thousand in 2009 is primarily due to interest, dividends and contribution receivables at year end. The increase in cash, receivables and prepaids of approximately \$1.06 million in 2008 is primarily due to interest, dividends and receivables at year end. The decrease in cash, receivables, and prepaids of approximately \$683 thousand in 2007 is primarily due to a decrease in the amount of cash carried in the operating account at year end.

Total investments were \$432.6 million at the end of fiscal year 2009 and \$383.9 million at the end of fiscal year 2008 and \$512.9 million at the end of fiscal year 2007, which is an increase of \$44.9 million, or 11.6%, for fiscal year 2009.

Below is a chart of the System's asset allocation for fiscal year ending December 31, 2009:



City of Austin Police Retirement System Management Discussion and Analysis

Liabilities. Liabilities decreased by \$45 thousand in 2009 and decreased by \$118 thousand in 2008. The decrease for 2009 is primarily due to less contribution refunds being due and payable at year end. The decrease for 2008 is primarily due to less payable and contribution at year end.

Summary of Changes in Plan Net Assets Years Ended December 31, 2009, 2008 and 2007

| | <u>2009</u> | 2008 | <u>2007</u> |
|--|----------------------|---------------|----------------------|
| <u>Additions</u> | - | | |
| Contributions | <u>\$38,447,581</u> | \$34,942,710 | <u>\$31,444,215</u> |
| Investment income | 37,460,898 | (133,456,971) | 47,531,830 |
| Investment expenses | (2,007,344) | (2,406,055) | <u>(2,378,789)</u> |
| Net investment income | <u>35,453,554</u> | (135,863,026) | <u>45,153,041</u> |
| Other income | 97,852 | <u>74,419</u> | <u>49,461</u> |
| Total additions | 73,998,987 | (100,845,897) | 76,646,717 |
| <u>Deductions</u> | | | |
| Benefit payments & contributions refunded | 28,173,153 | 26,118,172 | 21,971,475 |
| General and administrative expenses | 918,700 | 927,184 | <u>843,101</u> |
| Total deductions | 29,091,853 | 27,045,356 | 22,814,576 |
| Net increase | 44,907,134 | (127,891,253) | <u>53,832,141</u> |
| Net assets held in trust for pension beginning of year | 387,120,420 | 515,011,673 | 461,179,532 |
| Net assets held in trust for pension end of year | <u>\$432,027,554</u> | \$387,120,420 | <u>\$515,011,673</u> |

Additions. Funds to pay benefits are accumulated through contributions and returns on invested funds. Member and City of Austin contributions for 2009 and 2008 totaled \$38.4 million and \$34.9 million, respectively. The 2009 contributions represent an increase of \$3.5 million, or approximately 10.0% above the 2008 level and the 2008 contributions represent an increase of \$3.5 million, or approximately 11.1% above the 2007 level. This increase is due to City of Austin contributions increasing from 18% in 2008 to 18.25% effective January 1, 2009, then to 18.63% effective October 1, 2009. The increase in 2008 is due to officer contributions increasing from 11% to 13% in October 2007, general wage increase of 5.5% and longevity pay increase in 2008.

City of Austin Police Retirement System Management Discussion and Analysis

The System incurred a positive return on the market value of its investments during 2009 and suffered a large loss in the market value of its investment during 2008. The 2009 gain of \$35.5 million was due to performance of the portfolio assets, which increased \$44.9 million from 2008. Net investment loss in 2008 of \$135.8 million was due to global financial market collapse in all asset classes. Interest, dividends income generated 2009 income of \$7.7 million, a decrease from the \$11.8 million received in 2008. The total rate of return for the System's investment portfolio in 2009 was 9.24% (net of investment fees) as compared to -25.5% (net of investment fees) for 2008.

Deductions. The expenses paid by the System include benefit payments, refunds of member contributions, and administrative expenses. Benefits paid to retirees, beneficiaries and alternate payees in 2009 were \$27.6 million, an increase of \$2.1 million over the \$25.5 million paid in 2008. This is consistent with the increase in the number of retirees, beneficiaries and alternate payees to 514 in 2009 from 475 in 2008. Refunds to terminating employees in 2009 decreased by \$67 thousand from 2008 refunds paid. Administrative expenses in 2009 were \$919 thousand, slightly less than those incurred in 2008.

Investment expenses decreased by \$399 thousand in 2009 and increased by \$27 thousand in 2008. The decrease in 2009 is due to market and performance fee reductions from losses in investment assets, and the slight increase in 2008 is due to losses in our investment assets under management during 3rd and 4th quarter resulting in management fee reductions.

Overall Analysis. As of December 31, 2009, net assets increased by \$44.9 million or 11.6% from prior year and over the five-year period ending December 31, 2009 the net assets were 5.69%. The past five-year period growth was dramatically impacted in 2008 by global market financial collapse at major banks, insurance, investment banks and brokerage firms occurred, when the subprime and liquidity crisis in the US mortgagee market created large losses from 25-40% in institutional financial portfolios.

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 CEO, City of Austin Police Retirement System, P.O. Box 41089, Austin, Texas 78704-0019.

Statement of Plan Net Assets December 31, 2009 and 2008

ASSETS

| | <u>2009</u> | <u>2008</u> |
|---|----------------------|----------------------|
| Investments, at fair value | | |
| Real estate interests | \$105,627,556 | \$130,065,014 |
| Corporate stocks | 118,327,434 | 72,770,760 |
| Government bonds | 6,980,841 | 21,572,735 |
| International government securities | 45,673,677 | 49,444,685 |
| International stocks | 40,848,123 | 36,515,709 |
| Short-term investment funds | 26,219,556 | 13,757,948 |
| Partnership interests | 39,068,791 | 32,065,523 |
| Corporate bonds | 18,573,942 | 6,222,234 |
| Alternatives | 26,929,577 | 21,172,930 |
| Retiree death benefit fund | <u>321,142</u> | <u>313,919</u> |
| Total investments | 428,570,639 | 383,901,457 |
| Cash | 131,916 | 92,461 |
| Interest and dividends receivable | 1,760,333 | 1,729,033 |
| City of Austin retirement contributions receivable | 719,787 | 617,553 |
| City of Austin death benefit contributions receivable | 3,818 | 3,166 |
| Participant contributions receivable | 522,450 | 448,297 |
| Proportionate retirement program contributions receivable | 25,105 | 0 |
| Fixed assets, net | 819,796 | 899,135 |
| Other | <u>5,744</u> | <u>6,705</u> |
| | 432,599,588 | <u>387,697,807</u> |
| LIABILITIES | | |
| Accounts payable and accrued liabilities | 493,985 | 483,343 |
| Refunds payable | <u>38,049</u> | 94,044 |
| 1 · · / · · · | 532,034 | <u>577,387</u> |
| NET ASSETS HELD IN TRUST AVAILABLE FOR PENSION BENEFITS (See schedule of funding progress on page 40) | <u>\$432,027,554</u> | <u>\$387,120,420</u> |

City of Austin Police Retirement System

Statement of Changes in Plan Net Assets December 31, 2009 and 2008

ADDITIONS TO PLAN NET ASSETS:

| | 2009 | 2008 |
|---|----------------------|----------------------|
| Contributions: | | |
| City of Austin retirement contributions | \$22,159,076 | \$20,060,458 |
| City of Austin death benefit contributions | 113,591 | 110,693 |
| Participant contributions | <u>16,174,914</u> | 14,771,559 |
| | 38,447,581 | 34,942,710 |
| Investment income : | | |
| Net increase in the fair value of investments | 29,741,787 | (145,531,631) |
| Interest and dividends | 7,719,111 | 11,798,113 |
| Securities lending | 0 | 276,547 |
| Rental and other income | <u>97,852</u> | <u>74,419</u> |
| Total investment gain before expenses | 37,558,750 | (133,382,552) |
| Investment expenses | (2,007,344) | (2,406,055) |
| Net gain from investments | <u>35,551,406</u> | (135,788,607) |
| Total additions to net assets available for benefits | 73,998,987 | (100,845,897) |
| DEDUCTIONS FROM NET ASSETS AVAILABLE FOR BENEFITS: | | |
| Retirement benefit payments | 27,508,640 | 25,444,081 |
| Death benefit payments | 117,500 | 60,000 |
| Contributions refunded to terminating employees | 547,013 | 614,091 |
| General and administrative expenses | 918,700 | <u>927,184</u> |
| Total deductions from net assets available for benefits | 29,091,853 | 27,045,356 |
| NET INCREASE IN NET ASSETS AVAILABLE FOR BENEFITS | 44,907,134 | (127,891,253) |
| Beginning net assets available for benefits | 387,120,420 | 515,011,673 |
| ENDING NET ASSETS AVAILABLE FOR BENEFITS | <u>\$432,027,554</u> | <u>\$387,120,420</u> |
| | | |

City of Austin Police Retirement System

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 to plan members and their beneficiaries. 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, 2009, the monthly benefit is equal to 3.2% of the highest 36-month average salary multiplied by years and months of service.

The Retroactive Deferred Retirement Option Plan (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 PROP account. Effective October 1, 2007 this option was amended to include a partial deferral of a retiree's monthly annuity payment into an interest bearing PROP account. Interest credits will be paid on the participant's PROP 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.

Note 1: Organization and System Description

Permissive Service Delayed Retirement is an option allowing a member with at least 20 years of credited pension service at termination of employment with the APD has the option to a Delayed Retirement benefit. The Delayed benefit is payable upon completion of purchase of service credit for each year of credited pension service. The maximum service credit purchase is 5 years.

A \$10,000 post-retirement lump sum death benefit is payable from a separate Retiree Death Benefit Fund (account) administered by the System. As of December 31, 2009 and 2008, the assets of the Retiree Death Benefit Fund were \$321,142 and \$313,919, respectively, which are included in the System's total market value of Net Assets Held in Trust Available for Pension Benefits of \$432,027,554 and \$387,120,420, 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.

Beginning in 2009, the System and the city began participating in the Texas Statewide Proportionate Retirement Program (PRP). Service in other participating public employment retirement systems can be combined with service in the System to satisfy the System's requirements for service retirement eligibility and for eligibility for vested benefits for a terminated member. The participating systems, in addition to the System, are the six Texas statewide systems, the City of Austin Employees' Retirement System, and the systems for the City of El Paso employees.

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, 2009 and 2008:

| Retirees and beneficiaries currently receiving benefits (514) and terminated employees entitled to future monthly | | |
|---|--------------|--|
| benefits (20) | 534 | |
| Current participating members | <u>1,651</u> | |
| 2009 Total | 2,185 | |

Note 1: Organization and System Description

| Retirees and beneficiaries currently receiving benefits (475) | | | |
|---|--------------|--|--|
| and terminated employees entitled to future monthly | | | |
| benefits (13) | 488 | | |
| Current participating members | <u>1,629</u> | | |
| 2008 Total | <u>2,117</u> | | |

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, 2009 and 2008, 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.

Note 2: Summary of Significant Accounting Policies

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.

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, 2009 consisted of:

| | Beginning <u>Balance</u> | <u>Additions</u> | <u>Deletions</u> | Ending <u>Balance</u> |
|--------------------------------------|-----------------------------|-------------------|------------------|--------------------------|
| Assets not being depreciated Land | \$150,000 | \$0 | \$0 | \$150,000 |
| Assets being depreciated | | | | |
| Buildings and improvements | 870,216 | 0 | 0 | 870,216 |
| Furniture and equipment | 498,544 | 8,065 | (28,575) | 478,034 |
| Leasehold improvements | 49,627 | 1,259 | 0 | 50,886 |
| Accumulated depreciation | <u>(669,252)</u> | (88,663) | <u>28,575</u> | (729,340) |
| Net Fixed Assets | <u>\$899,135</u> | <u>(\$79,339)</u> | <u>\$0</u> | <u>\$819,796</u> |

Note 5: 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 April 2007 and April 2009.

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, 2009 and 2008 are presented, by type, as follows:

| Investment Type | 2009 | 2008 |
|-------------------------------------|----------------------|---------------|
| Real Estate Interests | \$105,627,556 | \$130,065,014 |
| Corporate Stocks | 118,327,434 | 72,770,760 |
| Government Bonds | 6,980,841 | 21,572,735 |
| International Government Securities | 45,673,677 | 49,444,685 |
| International Stocks | 40,848,123 | 36,515,709 |
| Partnership Interests | 39,068,791 | 32,065,523 |
| Corporate Bonds | 18,573,942 | 6,222,234 |
| Alternatives | 26,929,577 | 21,172,930 |
| Short-term Investment Funds | 26,540,698 | 14,071,867 |
| Total Investments | <u>\$428,570,639</u> | \$383,901,457 |

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 \$250,000 coverage by FDIC are covered by pledged securities held as collateral. As of December 31, 2009 and 2008, the System's operating bank balance of \$1,515,978 and \$94,486, 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, 2009 and 2008, 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.

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, 2009 and 2008, there is no security issued by a single issuer that holds more than 5% of the System's fund. However, as of December 31, 2009 and 2008, 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, 2009, McAlister Real Estate and RMK Timberland Group hold approximately 6.14% and 5.02%, respectively. As of December 31, 2008, McAlister and RMK hold approximately 7.48% and 7.34%, respectively.

Note 5: Deposit and Investment Risk

The Board and Investment Policy Statement (IPS) adopts the philosophy that the most effective risk control procedure is to adequately diversify the investments of the Fund among different asset classes with differing risk profiles. 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:

| Class | Allowable Range | Target Asset Allocation |
|--------------------|-----------------|-------------------------|
| Equity | 20% - 65% | 40.00% |
| U.S. Large Cap | 0% - 55% | |
| U.S. Small Cap | 0% - 30% | |
| International | 0% - 35% | |
| Special Situations | 0% - 20% | |
| Fixed Income | 15% - 70% | 20.00% |
| Investment Grade | 5% - 50% | |
| High Yield | 0% - 25% | |
| International | 0% - 30% | |
| Private | 0% - 25% | |
| Real Estate | 0% - 40% | 30.00% |
| Real Estate | 0% - 30% | |
| Timber | 0% - 15% | |
| Alternatives | 0% - 30% | 10.00% |
| Hedge Funds | 0% - 30% | |
| Private Equity | 0% - 30% | |

Note 5: Deposit and Investment Risk

The allowable range means the minimum and maximum percentage of each asset class allowed. The target asset allocation is the average allocation desired over time. The Board has the ability to make the decision to deviate from these ranges when it deems necessary based on the market conditions.

Along with diversification, the Board and IPS set investment goals and guidelines as follows:

Return Objective

- To exceed the actuarial target rate of return
- To manage the asset mix and outside professional money managers in a manner that provides the maximum likelihood of achieving this objective each year within an acceptable level of market risk

Manager risk guidelines

- No manager will be allocated more than 10% of the Fund's assets, to avoid undue manager concentration, unless that manager is assigned an investment grade core bond mandate, whereby it may be permitted to manage up to 25% of the fund's assets
- APRS's allocation to any manager will not represent more than 20% of the assets that the manager is managing in the same strategy

Security concentration guidelines

- No single stock position or corporate debt instrument should represent more than 10% of a manager's portfolio at market
- No industry (as defined by each investment managers appropriate benchmark) should represent more than 2 times its weighting in the corresponding market index or 20%, whichever is greater

Volatility guidelines

- The primary concern for the Board is return but the Board does not want to assume excessive risk in its search for return
- One form of measurement of the risk inherent in the portfolio is the volatility or annualized standard deviation of the portfolio's returns as measured on a quarterly basis
- The Board will seek to achieve its return objective with no more than 75% of the volatility exhibited by the S&P 500 index

Note 5: Deposit and Investment Risk

In conjunction with these goals and guidelines are responsibilities of the investment committee, third party consultants, custodians and money managers. The IPS also outlines the review and control procedures that the Board will monitor for compliance.

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.

As of December 31, 2009, the System had the following investments and maturities:

| Investment Type | Fair Value | Less than I year | I to 6 years | 6 to 10 years | Over 10 years |
|-----------------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| Corporate Bonds | \$18,419,154 | \$846,261 | \$11,666,977 | \$3,639,938 | \$2,265,987 |
| International Securities | 29,791,452 | 0 | 10,512,431 | 19,279,021 | 0 |
| Government Bonds | <u>6,980,841</u> | <u>0</u> | 0 | <u>0</u> | <u>6,980,841</u> |
| Totals | <u>\$55,191,447</u> | <u>\$846,261</u> | <u>\$22,179,408</u> | <u>\$22,918,959</u> | <u>\$9,246,819</u> |

Note 5: Deposit and Investment Risk

As of December 31, 2008, the System had the following investments and maturities:

| Investment Type | Fair Value | Less than I year | I to 6 years | 6 to 10 years |
|-----------------------------|---------------------|---------------------|---------------------|---------------|
| -76- | 1 000 1 0000 2 | 7.5 | , | |
| Corporate Bonds | \$6,222,234 | \$0 | \$6,222,234 | \$0 |
| International Securities | 35,063,375 | 0 | 35,063,375 | 0 |
| Government Bonds | 21,572,735 | <u>0</u> | 21,572,735 | <u>0</u> |
| Totals | <u>\$62,858,344</u> | <u>\$0</u> | <u>\$62,858,344</u> | <u>\$0</u> |

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.

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, 2009, are as follows:

| Quality Rating | Total Fair Value | Int'l Securities | Corporate Bonds | Government Bonds |
|---------------------|---------------------|---------------------|---------------------|---------------------|
| AI/A+ | \$2,531,682 | \$360,518 | \$2,171,164 | |
| A2/A | 410,229 | 160,016 | 250,213 | |
| A3/A- | 331,599 | 331,599 | | |
| Aa2/AA | 71,332 | 71,332 | | |
| Aaa | 6,980,841 | | | 6,980,841 |
| BI/B+ | 4,655,783 | 1,909,597 | 2,746,186 | |
| B3/B- | 541,390 | 541,390 | 1,586,670 | |
| Bal/BB+ | 3,465,887 | 1,527,529 | 1,938,358 | |
| Ba2/BB | 2,324,640 | 2,324,640 | | |
| Ba3/BB- | 4,886,947 | 4,886,946 | | |
| Baa I/BBB+ | 6,394,912 | 2,016,586 | 4,378,326 | |
| Baa2/BBB | 1,991,523 | 1,991,523 | | |
| Baa3/BBB- | 2,031,975 | 2,031,975 | | |
| B2//B and below | 3,831,088 | 3,831,088 | | |
| Ca/CC Caa I / | 1,195,046 | | 1,195,046 | |
| CCC+ | 2,237,823 | 256,503 | 1,981,320 | |
| Caa2/CCC | 778,971 | 778,971 | | |
| C/C | 642,588 | 175,558 | 467,030 | |
| Not Rated Cash & | 24,337,904 | 21,047,605 | 3,446,299 | |
| Equivalent | 1,430,297 | <u>1,430,297</u> | | |
| Total | <u>\$71,228,456</u> | <u>\$45,673,673</u> | <u>\$18,573,942</u> | <u>\$6,980,841</u> |

City of Austin Police Retirement System

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, 2008, are as follows:

| Quality Rating | Total Fair Value | Int'l Securities | Corporate Bonds | Government Bonds |
|-------------------|---------------------|---------------------|--------------------|---------------------|
| AI/A+ | \$1,528,625 | \$1,528,625 | | |
| A2/A | 411,236 | 411,236 | | |
| Aa2/AA | 2,124,046 | 2,124,046 | | |
| BI/B+ | 6,339,898 | 6,339,898 | | |
| B2/B | 2,534,698 | 2,236,031 | \$298,667 | |
| B3/B- | 3,509,112 | 1,922,442 | 1,586,670 | |
| Ba I/BB+ | 8,507,196 | 8,507,196 | | |
| Ba2/BB | 4,089,373 | 4,052,040 | 37,333 | |
| Ba3/BB- | 7,275,602 | 7,051,602 | 224,000 | |
| Baa I / BBB+ | 5,810,826 | 5,810,826 | | |
| Baa2/BBB | 1,440,908 | 1,372,463 | 68,445 | |
| Ca/CC | 667,358 | 194,468 | 472,890 | |
| Caal/ CCC+ | 1,668,178 | 342,842 | 1,325,336 | |
| Caa2/CCC | 1,495,437 | 991,436 | 504,001 | |
| Caa3/ CCC- | 43,556 | | 43,556 | |
| AA* | 21,572,735 | | | \$21,572,735 |
| Not Rated | <u>8,220,870</u> | <u>6,559,534</u> | <u>1,661,336</u> | |
| Total | <u>\$77,239,654</u> | <u>\$49,444,685</u> | <u>\$6,222,234</u> | <u>\$21,572,735</u> |

^{*} Average Quality Rating - credit quality of the holdings in an open-end institutional mutual fund

City of Austin Police Retirement System

Note 5: Deposit and Investment Risk

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.

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, 2009, is as follows:

| | Int'l Gov't | | | | |
|----------------------|--------------|-------------|-----------------|-------------|--|
| Currency | Int'l Stocks | Securities | Corp Stocks (2) | Other (3) | |
| Euro | \$12,930,831 | \$882,560 | | | |
| Mexican Peso | | 188,934 | | | |
| Indonesia Rupiahs | | 203,292 | | | |
| Hong Kong Dollar | 1,464,226 | 142,940 | | | |
| Japanese Yen | 7,112,209 | | | | |
| Turkish New Lira | | 417,703 | | | |
| Norwegian Krone | 789,105 | | | | |
| British Pound | 3,374,560 | | | | |
| Philippines Pesos | | 171,528 | | | |
| Brazilian Real | | 356,041 | | | |
| Danish Krone | | | | | |
| Swiss Franc | 2,456,668 | | | | |
| Australian Dollar | 261,069 | | | \$3,395,039 | |
| Swedish Krona | 434,897 | | | | |
| Singapore Dollar | | 144,528 | | | |
| Russian Rouble | | 181,223 | | | |
| South Korean Won | | 512,564 | | | |
| Canadian Dollar | 246,483 | | \$4,031 | | |
| India Rupees | | 188,934 | | 1,995,958 | |
| Nigeria Nairas | | 408,934 | | 5,009 | |
| United Arab Emirates | | | | | |
| Dirhams | | 573,374 | | | |
| Other | | 1,366,927 | | | |
| Totals | \$29,070,051 | \$5,739,482 | \$4,031 | \$5,390,997 | |

⁽I) Represents an open-end institutional mutual fund

⁽²⁾ Represents a commingled pool in global equity investments

⁽³⁾ Represents a commingled timberfund and a real estate partnership interest

Note 5: Deposit and Investment Risk

The System's exposure to foreign currency risk as of December 31, 2008, is as follows:

| Currency | Gov't Bonds (I) | Int'l Stocks | Int'l Gov't Securities | Corp Stocks (2) | Other (3) |
|----------------------------------|--------------------|--------------|---------------------------|--------------------|-------------|
| Euro | \$21,573 | 12,850,280 | \$175,639 | \$1,566,935 | |
| Mexican Peso China Yuan | | | 456,212 | | |
| Renminbi | | | 2,036,363 | | |
| Hong Kong Dollar | 129,436 | 1,008,761 | | 90,159 | |
| Japanese Yen | 35,799 | 6,294,569 | | 685,377 | |
| Turkish New Lira | | | 1,620,464 | | |
| Norwegian Krone British Pound | | 50,037 | | | |
| Sterling | -94,104 | 3,804,880 | | 682,038 | |
| Brazilian Real | 21,573 | | 2,318,674 | | |
| Swiss Franc | | 1,082,501 | | 280,495 | |
| Australian Dollar | | 621,963 | | 65,950 | \$2,809,123 |
| Swedish Krona | | 895,390 | | | |
| Singapore Dollar | | | 163,947 | 161,953 | |
| South African Rand | | | 252,176 | | |
| Polish Zloty | | | 262,238 | | |
| Russian Rouble | | | | | |
| South Korean Won | | | 642,680 | | |
| Canadian Dollar United Arab | | 118,821 | | 5,009 | |
| Emirates Dirhams | | | 1,688,986 | | |
| Other | | | 9,177,784 | 335,593 | \$1,729,044 |
| Totals | \$114,277 | \$26,727,202 | \$18,795,163 | \$3,873,509 | \$4,538,167 |

Represents a commingled timberfund
 Represents a commingled pool in global equity investments
 Represents an open-end institutional mutual fund

Note 6: 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, 2009, participants were required to contribute 13% of their basic compensation to the System, effective October 1, 2007.

The City's required contributions were equal to 18% of basic compensation in 2008 and increased to 18.25% effective January 1, 2009. The City's contribution rate will increase to 18.63% on October 1, 2009 and to 19.63% on October 1, 2010.

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 .0100% for 2008 based on the December 31, 2006 actuarial valuation and is 0.091% for 2009 based on the December 31, 2007 actuarial valuation. This portion was redetermined based on the December 31, 2008 actuarial valuation to be .092% for 2010.

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, 2009 and the plan provisions recognized in that valuation, the normal cost was 22.338 % of pay and the amortization period was 29.3 years.

Notes to Financial Statements

Note 7: Commitments and Contingencies

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, 2009 and 2008 of approximately \$39.1 million and \$41.3 million, respectively, pursuant to the terms of the respective interests.

At December 31, 2009 and 2008, the total accumulated lump sum benefit due to forward DROP participants was \$1,316,384and \$627,031, respectively.

At December 31, 2009 and 2008, the total accumulated lump sum benefit due to PROP participants was \$8,652,438 and \$4,237,967, respectively.

Note 8: Funded Status and Funding Progress Pension Plans

The funded status of each plan as of December 31, 2009, the most recent actuarial valuation date, is as follows:

| Actuarial Valuation Date | Actuarial Value of Assets (<u>a)</u> | Actuarial Accrued Liability (AAL) Entry Age (b) | Unfunded AAL (UAAL) (<u>b-a)</u> | Funded Ratio (<u>a/b)</u> | Covered Payroll (<u>c)</u> | UAAL as a Percentage Of Covered Payroll ((b-a)/c) |
|--------------------------------|--|---|--|----------------------------------|-----------------------------------|---|
| 12/31/09 | \$518,111,923 | \$733,634,660 | \$215,522,737 | 70.6% | \$122,928,285 | 175.3% |

The schedules of funding progress, presented as required supplementary information (RSI) following the notes to the financial statements, present multiyear trend information about whether the actuarial values of plan assets are increasing or decreasing over time relative to the AALs for benefits.

Notes to Financial Statements

Note 8: Funded Status and Funding Progress Pension Plans

Additional information as of the latest actuarial valuation follows:

| Valuation date | December 31, 2009 |
|--|---|
| Actuarial cost method | Entry age |
| Amortization method | Level percentage of projected payroll, open |
| Remaining amortization period | 30 years |
| Asset valuation method | 5-year adjusted market value |
| Actuarial assumptions: | |
| Investment rate of return, net of expenses | 8.0% |
| Projected salary increases including | |
| Promotion and longevity | 4.0 % plus promotion and longevity |
| Inflation rate per year | 4.0% |
| Postretirement cost-of-living adjustments | 0.0% |
| ARC as a percent of payroll | 19.360% |
| For the plan year | 2011 |

Disclosures in Accordance with GASB Statement No. 50 Required Supplementary Information

I. Schedule of Funding Progress

| Actuarial Valuation Date | Actuarial Value of Assets (a) | Actuarial Accrued Liability (AAL) Entry Age (b) | Unfunded AAL (UAAL) (<u>b-a)</u> | Funded Ratio (<u>a/b)</u> | Annual Covered Payroll (c) | UAAL as a Percentage Of Covered Payroll ((b-a)/c) |
|--------------------------------|--|---|--|----------------------------------|-------------------------------------|---|
| 12/31/04 | \$343,446,574 | \$451,579,880 | \$108,133,306 | 76.1% | \$86,673,590 | 124.8% |
| 12/31/05(2) | 371,504,533 | 494,640,856 | 123,136,323 | 75. l | 93,428,957 | 131.8 |
| 12/31/06(2,3) | 417,283,844 | 576,125,324 | 158,841,480 | 72.4 | 100,090,151 | 158.7 |
| 12/31/07(2) | 482,303,290 | 637,559,674 | 155,256,384 | 75.6 | 111,809,091 | 138.9 |
| 12/31/08(2,4) | 464,230,585 | 693,202,499 | 228,971,914 | 67.0 | 122,735,216 | 186.6 |
| 12/31/09(2) | 518,111,923 | 733,634,660 | 215,522,737 | 70.6 | 122,928,285 | 175.3 |

- I The covered payroll is based on the annual rate of base pay and longevity pay used in the valuation.
- 2 Some of the actuarial assumptions were revised.
- Reflects changes in plan benefit provisions effective September 1, 2007 and December 1, 2007.
- 4 Reflects changes in plan benefit provisions effective January 2009.

II. Schedule of Employer Contributions

| Plan Year Ended December 31 | Annual Contribution as a Fixed Percentage of Payroll | Actual Contribution Amount | | Annual Required Contribution | | Percent of ARC Contributed |
|--------------------------------------|--|----------------------------------|-------------|------------------------------------|-------------|----------------------------|
| | | | <u>Date</u> | <u>AP</u> | <u>Rate</u> | |
| 2004 | 17.906% | \$14,714,174(3) | 12/31/2002 | 25.7 | 17.906% | 100.0% |
| 2005 | 17.902 | 15,754,922(4) | 12/31/2003 | 28.6 | 17.902 | 100.0 |
| 2006 | 17.906 | 16,954,167(5) | 12/31/2004 | 32.0 | 17.906 | 100.0 |
| 2007 | 17.91 | 18,510,066(6) | 12/31/2005 | 30.0 | 18.775 | 95.4 |
| 2008 | 17.900 | 20,060,458(7) | 12/31/2006 | 30.0 | 17.846 | 100.3 |
| 2009 | 18.254(8) | 22,159,076(9) | 12/31/2007 | 30.0 | 16.776 | 108.8 |

- I The ARC is based on a one-year lag between the date of the actuarial valuation ("Date" and the beginning of the plan year. The ARC is expressed as a contribution rate ("Rate") that is a percent of covered payroll. An amortization period (AP) for the ARC of up to 40 years was compliant with GASB parameters through the 2006 plan year. After the 2006 plan year, an AP of up to 30 years is compliant.
- 2 Effective September 1, 2003, a portion of the Employer's total 18% contribution is allocated to a Retiree Death Benefit Fund.
- 3 The employer's total contribution during 2004 including the Retiree Death Benefit Fund was \$14,794,834.
- 4 The employer's total contribution during 2005 including the Retiree Death Benefit Fund was \$15,840,395.
- The employer's total contribution during 2006 including the Retiree Death Benefit Fund was \$17,033,469.
- 6 The employer's total contribution during 2007 including the Retiree Death Benefit Fund was \$18,594,236
- 7 The employer's total contribution during 2008 including the Retiree Death Benefit Fund was \$20,171,151.
- 8 The employers total contribution rate during 2009 was 18.25 January-September 2009 and 18.63% October-December 2009. The average contribution rate was 18.254% (18.345% total average—0.091% for Retiree Death Benefit Fund).
- 9 The employer's total contribution during 2009 including the Retiree Death Benefit Fund was \$22,272,667.

ACTUARIAL SECTION

AUSTIN POLICE RETIREMENT SYSTEM

ACTUARIAL VALUATION
AS OF
DECEMBER 31, 2009

AUGUST 16, 2010

Rudd and Wisdom, Inc.

CONSULTING ACTUARIES

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August 16, 2010

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

Re: Actuarial Valuation as of December 31, 2009

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, 2009 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, Chief Executive Officer of the System.

The results of the December 31, 2009 actuarial valuation are described in the Summary section of the report. A comparison of the current valuation with the December 31, 2008 valuation is also discussed in this section. The summary of key valuation results is 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 August 16, 2010

The disclosures required in accordance with Statement No. 25 of the Governmental Accounting Standards Board (GASB) for the System's annual report needed for the System's financial statements are included in Exhibit 21. The disclosures required in accordance with GASB Statement No. 27 needed for the City of Austin's financial statements are included in Exhibit 22.

The actuarial team for this actuarial valuation included Rebecca B. Morris and Elizabeth A. Wiley, both of whom are Associates of the Society of Actuaries. We certify that all four of us are members of the American Academy of Actuaries who meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained in this report.

Respectfully submitted,

Robert M. May

Fellow, Society of Actuaries

Robert M. May

Mark R. Fenlaw

Member, American Academy of Actuaries

Enrolled Actuary

Mark R. Fenlaw

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Table of Contents

Austin Police Retirement System Actuarial Valuation as of December 31, 2009

| SUMMARY | - Results of December 31, 2009 Valuation | 1 |
|------------|---|----|
| EXHIBIT 1 | - Summary of Key Valuation Results | 6 |
| EXHIBIT 2 | - 25-Year Projection | 7 |
| EXHIBIT 3 | - Market Value of Assets | 8 |
| EXHIBIT 4 | - Market Value Asset Allocation | 9 |
| EXHIBIT 5 | - Development of Actuarial Value of Assets | 10 |
| EXHIBIT 6 | - Historical Comparison of Market and Actuarial Asset Values | 11 |
| EXHIBIT 7 | - Distribution of Police Officers by Age and Service | 12 |
| EXHIBIT 8 | - Historical Summary of Growth in Number of Contributing Members | 13 |
| EXHIBIT 9 | - Breakdown by Sex of Number of Officers and Average Annual Rate of Pay | 14 |
| EXHIBIT 10 | - Breakdown of Pensioners by Type and Annuity Option | 15 |
| EXHIBIT 11 | - Summary Data of Police Officers and Pensioners and Status Reconciliation | 16 |
| EXHIBIT 12 | - Historical Comparison of Actuarial Accrued Liability and Actuarial Value of Assets | 18 |
| EXHIBIT 13 | - Summary Plan Description | 19 |
| EXHIBIT 14 | - Summary of Actuarial Methods and Assumptions | 23 |
| EXHIBIT 15 | - Changes in Actuarial Methods and Assumptions | 27 |
| EXHIBIT 16 | - Salary Rate of Increase Assumption | 28 |
| EXHIBIT 17 | - Assumed Service Retirement Rates and Distribution of Retirements by Option Elected | 29 |
| EXHIBIT 18 | - Assumed Withdrawal Rates | 31 |
| EXHIBIT 19 | - Assumed Disability Rates | 32 |
| EXHIBIT 20 | - Definitions | 33 |
| EXHIBIT 21 | - Disclosures in Accordance with GASB Statement No. 25 | 34 |
| EXHIBIT 22 | - Disclosures in Accordance with GASB Statement No. 27 | 39 |

Summary

Austin Police Retirement System Results of December 31, 2009 Actuarial Valuation

This valuation reflects assumed total contributions of 32.63% of covered pay (13.00% by the police officers and contributions by the City of Austin of 18.63% for January through September 2010 and 19.63% thereafter) will be contributed to the System. The City of Austin contribution rates as a percent of covered pay are specified in Article 6243n-1 of Texas state law: 18% before September 30, 2010; 19% after September 30, 2010; plus 0.63% after September 30, 2009. These rates can only be changed by action of the Texas Legislature amending the state law, except that the 0.63% rate is to be reviewed every five years and adjusted up or down as considered necessary by the actuary to fund the additional liabilities from participating in the Proportionate Retirement Program. Since these rates apply only to this System, we are assuming that the legislature would not change them without the concurrence of the System's Board of Trustees, the City of Austin, and the Austin Police Association. This procedure for changing the City of Austin contribution rates has been followed since the plan provisions were put into state law in 1991. Since September 1, 2003, a very small portion of the city's biweekly contributions is being 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.

The summary of key valuation results shown in Exhibit 1 reveals that the System has an unfunded actuarial accrued liability (UAAL) of \$215,522,737. The normal cost for the projected benefits for each police officer based on the current plan provisions is 22.338% 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 covered payroll increases at the rate of 4% per year in future years attributable to general pay increases, the UAAL will be amortized in 29.3 years.

The summary of key valuation results in Exhibit 1 compares the actuarial condition of the System on December 31, 2009 with the condition on December 31, 2008. Both valuations are based on the present plan provisions, summarized in Exhibit 13. Between these two valuations, the period for amortizing the UAAL has decreased by 6.1 years (from 35.4 years to 29.3 years). Since one year has passed since the prior valuation date, a one-year reduction in the amortization period to 34.4 years would be expected if the experience of the System had been exactly as anticipated (including an 8% rate of investment return on the actuarial value of assets). For the reasons described below, the System's amortization period is 5.1 years less than expected.

1. The rate of investment return, net of all expenses, on the market value of assets during 2009 was 8.8%. 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 investment gains in the years 2006, 2007 and 2009 and of the investment loss in 2008. The rate of investment return on the AVA, net of expenses, for 2009 was 9.3% compared to the assumed rate

- of return of 8%. Therefore, the AVA as of December 31, 2009 is more than expected, resulting in a **decrease** in the amortization period of 1.7 years.
- Police officers received no general pay increase in the fall of 2009, which was less than our assumed general pay increase of 4% each year. This caused the amortization period to decrease 4.8 years.
- 3. The covered payroll increased by 0.2% since the prior valuation, less than the assumed 4% increase. The lower payroll **increased** the amortization period by 2.6 years.
- The demographic experience in the aggregate was slightly negative, increasing the amortization period by 1.3 years.
- The changes in actuarial assumptions had the overall effect of decreasing the amortization period by 2.5 years. In a separate letter to the Board of Trustees dated August 16, 2010, we recommended the actuarial methods and assumptions for this valuation.

In summary, this valuation reveals that the actuarial value of assets plus future investment income received by the System and future contributions by the police officers and the City of Austin will be adequate to pay the benefits according to the provisions of the state law and board rules governing the System. In order for the System to have an adequate contribution arrangement, contributions must be made that are sufficient to pay the System's normal cost and to amortize its UAAL over an acceptable period of time. Based on the Texas Pension Review Board guidelines, our professional judgment, and the actuarial assumptions and methods used in this valuation, we consider a period 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 the System's normal cost and to provide an additional amount that will result in amortization of the UAAL in 29.3 years. In addition, we believe that it is appropriate to assume that the police officers and the City will be able to maintain their current commitment in future years to contribute 13% and 19.63%, respectively, of covered compensation into the System. Consequently, we are of the opinion that the System has an adequate contribution arrangement as of December 31, 2009 based on the levels of benefits and contributions reflected in this valuation.

Projected Actuarial Valuation Results

In addition to completing this actuarial valuation, we estimated the amortization periods for the next four annual actuarial valuations. We did these projections because the actuarial investment gains that the System experienced in 2006, 2007 and 2009 and the significant actuarial investment loss in 2008 have been only partially recognized as of December 31, 2009. As shown in Exhibit 5, a smoothing method is used to determine the actuarial value of assets (AVA) for 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 2006, 2007 and 2009 and of the investment loss in 2008. The AVA used in this valuation is \$518,111,923. The market value of assets, excluding the Retiree Death Benefit Fund, is \$431,706,412. The difference between this market value and the AVA, \$86,405,511, is the net of the deferred gains and loss that will be recognized in the next four actuarial valuations.

For the purpose of projecting the amortization period in the future, we have used five scenarios of various assumed annual rates of investment return on the market value of assets, net of all expenses, over the 2010-2013 projection period. The projected amortization periods will not be the same as the actual amortization periods from completed future actuarial valuations but are the result of projected future actuarial valuation results based on the completed December 31, 2009 actuarial valuation, showing (1) 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, 2009 and (2) the effects over the next four years of investment returns different from the 8% assumption used in making the valuation.

| D. | | antad | Amor | tization | Period | |
|--------------|----|-------|------|----------|----------|---|
| \mathbf{r} | .0 | ectea | Amoi | uzauoi | i Period | S |

| | Scenario 1 | Scenario 2 | Scenario 3 | Scenario 4 | Scenario 5 |
|---------------------------|------------|------------|------------|------------|------------|
| Assumed Investment Return | | | | | |
| for Calendar Year | | | | | |
| 2010 | 8% | 20% | 4% | 10% | 4% |
| 2011 | 8 | 15 | 20 | 10 | 4 |
| 2012 | 8 | 10 | 15 | 10 | 20 |
| 2013 | 8 | 10 | 15 | 10 | 15 |
| 2014 and later | 8 | 8 | 8 | 8 | 8 |
| Amortization Period | | | | - | |
| as of December 31: | | | | | |
| 2009 (actual) | 29 years |
| 2010 (projected) | 35 years | 32 years | 36 years | 34 years | 36 years |
| 2011 (projected) | 47 years | 36 years | 46 years | 45 years | 53 years |
| 2012 (projected) | 70 years | 38 years | 54 years | 59 years | 84 years |
| 2013 (projected) | 68 years | 30 years | 41 years | 52 years | 65 years |

The projected amortization periods in Scenario 1 isolate 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, 2009. The primary observation of Scenario 1 is that as the deferred portions of the investment gains for the years 2006, 2007 and 2009 are recognized, they will be dwarfed by the systematic recognition of the deferred portion of the investment loss for 2008. Therefore, without any significant investment gains (returns above 8%) in 2010 and 2011 or increases in the total contribution rate, the System would have an inadequate contribution arrangement in the December 31, 2011 actuarial valuation. This conclusion from Scenario 1 is not surprising since the amortization period in the December 31, 2009 actuarial valuation would be over 70 years if we had used the market value of assets as the actuarial value of assets.

Scenarios 2, 3, 4, and 5 show the projected amortization periods in the next four actuarial valuations based on various levels of assumed investment experience. Even though the equity markets have increased significantly since the market low on March 9, 2009, there is still some uncertainty in the national and global economies as we write this report as to how the pace of recovery will move once it begins and how the markets will respond. In our opinion, in the context of these caveats, Scenarios 2 through 5 present a range of plausible scenarios for the next four actuarial valuations with no changes in benefits or contributions.

Variations in experience from the underlying assumptions other than investment return will cause the actual amortization periods to be different from the projected periods shown above. However, the primary observations from these scenarios are that (1) it would require a rather robust market rebound in 2010 and 2011, similar to Scenario 2, for the amortization period to avoid going over 40 years, and (2) a moderate market rebound similar to Scenario 3 could result in an amortization period in excess of 40 years by the December 31, 2011 actuarial valuation.

Variability in Future Actuarial Measurement

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following:

- System experience differing from that anticipated by the current economic or demographic assumptions;
- Increases or decreases expected as part of the natural operation of the methodology used for these measurements;
- Changes in economic or demographic assumptions; and
- Changes in plan provisions.

Analysis of the potential range of such future measurements resulting from the possible sources of measurement variability is typically outside the scope of this actuarial valuation report. However, we provided projected amortization periods for the next four annual actuarial valuations under five scenarios and the amortization period for this valuation if it had been based on the market value of assets. Additional sensitivity analysis could be performed in a subsequent report if desired by the Board of Trustees.

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 \$10,000 post-retirement lump sum death benefits. The Retiree Death Benefit Fund is funded by a portion of the city's

total contribution rate. As part of this December 31, 2009 actuarial valuation, the city contribution needed for the Retiree Death Benefit Fund has been re-determined for 2011 to be 0.098%. We recommend that this new rate be effective January 1, 2011, replacing the rate of 0.092% effective for 2010 that was determined based on the December 31, 2008 actuarial valuation. The remainder of the city's contribution will be used for the System's liabilities excluding the post-retirement lump sum death benefits.

The 0.098% 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 actuarial accrued liability is determined as a level percentage of payroll assuming that the payroll will increase 4% per year.

| Allocated City Contribution Effective J for the Retiree Death Benefit | The state of the s |
|---|--|
| Normal cost | 0.034% |
| Thirty-year amortization of unfunded actuarial accrued liability | 0.064 |
| Total city contribution rate allocated to the Retiree Death Benefit Fund as of | |
| January 1, 2011 | 0.098% |

The 0.098% city contribution rate was determined using the same funding method and actuarial assumptions used in this December 31, 2009 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 Combined Healthy Mortality Tables for males and females projected to 2010 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 Benefit Fund as of December 31, 2009 | | | | |
|--|----------------|--|--|--|
| Actuarial present value of future benefits | 4 | | | |
| a. Current retired members | \$1,118,214 | | | |
| b. Current active members | 968,885 | | | |
| c. Total | \$2,087,099 | | | |
| 2. Actuarial present value of future normal | | | | |
| cost contributions | \$ 387,414 | | | |
| 3. Actuarial accrued liability (Item 1c - Item 2) | \$ 1,699,685 | | | |
| 4. Assets of fund | \$ 321,142 | | | |
| 5. Unfunded actuarial accrued liability (Item 3 – Item | 4) \$1,378,543 | | | |

Exhibit 1

Austin Police Retirement System
Summary of Key Valuation Results

| | | December 31, 2008 ¹ | December 31, 2009 ¹ |
|-----|---|--------------------------------|--------------------------------|
| 1. | Actuarial present value of future benefits | | |
| | Payable to those now receiving benefits | | |
| | or entitled to receive benefits | \$ 268,693,202 | \$ 308,526,658 |
| | b. Payable to police officers | 729,088,730 | 724,329,064 |
| | c. Total | 997,781,932 | 1,032,855,722 |
| 2. | Actuarial present value of future normal | | |
| | cost contributions | \$ 304,579,433 | \$ 299,221,062 |
| 3. | Actuarial accrued liability (Item 1c-Item 2) | \$ 693,202,499 | \$ 733,634,660 |
| 4. | Actuarial value of assets | \$ 464,230,585 | \$ 518,111,923 |
| 5. | Unfunded actuarial accrued liability (UAAL) (Item 3-Item 4) | \$ 228,971,914 | \$ 215,522,737 |
| 6. | Total contributions (percent of payroll) | 32.538% ² | 32.532% ³ |
| 7. | Normal cost (percent of payroll) | 22.627% | 22.338% |
| 8. | Percent of payroll available to amortize | 22.02770 | 22.00070 |
| 0. | the UAAL | 9.911% | 10.194% |
| 9. | Annualized covered payroll | \$ 122,735,216 | \$ 122,928,285 |
| 10. | Present annual amount available to | | |
| | amortize the UAAL | \$ 12,164,287 | \$ 12,531,309 |
| 11. | Years to amortize the UAAL | 35.4 Years ⁴ | 29.3 years ⁵ |
| 12. | GASB 27 funded ratio (Item 4 ÷ Item 3) | 67.0% | 70.6% |
| | | | |

Reflects current plan provisions that became effective January 1, 2009 and excludes the \$10,000 post-retirement lump sum death benefit.

The total contribution rate of 32.63% (13% by members and 19.63% by the city) is reduced by the calculated city contribution rate for the separate Retiree Death Benefit Fund of 0.092%. The 19.63% city contribution rate is the ultimate rate beginning October 2010.

The total contribution rate of 32.63% (13% by members and 19.63% by the city) is reduced by the calculated city contribution rate for the separate Retiree Death Benefit Fund of 0.098%. The 19.63% city contribution rate is the ultimate rate beginning October 2010.

The amortization period was calculated reflecting the city contribution rates of 18.25% for January through September of 2009, 18.63% for October 2009 through September 2010, and 19.63% thereafter.

⁵ The amortization period was calculated reflecting the city contribution rates of 18.63% for January through September of 2010 and 19.63% thereafter.

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 | Total Benefit Payments | Market Value of Fund at End of Year | Ratio of Fund to Payments |
|------|-------|--|---|-----------------------------|------------------------------|--|---------------------------------|
| 2005 | - s - | 349,105,060 | 24,167,426 \$ | 35,183,986 \$ | 18,767,339 \$ | 389,689,133 | 20.76 |
| 2006 | • | 389,689,133 | 26,857,508 | 65,521,438 | 20,888,547 | 461,179,532 | 22.08 |
| 2007 | | 461,179,532 | 31,444,215 | 44,359,401 | 21,971,475 | 515,011,673 | 23.44 |
| 2008 | | 515,011,673 | 34,942,710 | -136,715,791 | 26,118,172 | 387,120,420 | 14.82 |
| 2009 | | 387,120,420 | 38,447,581 | 34,632,706 | 28,173,153 | 432,027,554 | 15.33 |
| 2010 | | 432,027,554 | 39,189,537 | 34,583,027 | 38,668,963 | 467,131,155 | 12.08 |
| 2011 | | 467,131,155 | 41,715,959 | 37,427,786 | 40,283,631 | 505,991,269 | 12.56 |
| 2012 | | 505,991,269 | 43,384,597 | 40,515,053 | 42,490,804 | 547,400,115 | 12.88 |
| 2013 | | 547,400,115 | 45,119,981 | 43,757,113 | 45,992,387 | 590,284,822 | 12.83 |
| 2014 | | 590,284,822 | 46,924,780 | 47,168,047 | 48,293,241 | 636,084,408 | 13.17 |
| 2015 | | 636,084,408 | 48,801,771 | 50,749,966 | 52,221,439 | 683,414,706 | 13.09 |
| 2016 | | 683,414,706 | 50,753,842 | 54,551,594 | 53,793,402 | 734,926,740 | 13.66 |
| 2017 | | 734,926,740 | 52,783,996 | 58,619,303 | 57,154,890 | 789,175,149 | 13.81 |
| 2018 | | 789,175,149 | 54,895,356 | 62,899,592 | 60,755,842 | 846,214,255 | 13.93 |
| 2019 | | 846,214,255 | 57,091,170 | 67,416,381 | 64,110,146 | 906,611,660 | 14.14 |
| 2020 | | 906,611,660 | 59,374,817 | 72,075,374 | 70,713,799 | 967,348,052 | 13.68 |
| 2021 | | 967,348,052 | 61,749,810 | 76,758,616 | 77,480,515 | 1,028,375,963 | 13.27 |
| 2022 | | 1,028,375,963 | | 81,585,627 | 81,331,060 | 1,092,850,332 | 13.44 |
| 2023 | | 1,092,850,332 | 66,788,594 | 86,600,591 | 87,474,478 | 1,158,765,039 | 13.25 |
| 2024 | | 1,158,765,039 | 69,460,138 | 91,713,063 | 94,163,636 | 1,225,774,604 | 13.02 |
| 2025 | | 1,225,774,604 | 72,238,544 | 97,006,466 | 98,626,094 | 1,296,393,520 | 13.14 |
| 2026 | | 1,296,393,520 | 75,128,086 | 102,466,346 | 106,256,482 | 1,367,731,470 | 12.87 |
| 2027 | | 1,367,731,470 | 78,133,209 | 108,164,959 | 109,472,162 | 1,444,557,476 | 13.20 |
| 2028 | | 1,444,557,476 | 81,258,537 | 114,066,393 | 118,713,674 | 1,521,168,732 | 12.81 |
| 2029 | | 1,521,168,732 | 84,508,878 | 120,115,443 | 123,960,272 | 1,601,832,781 | 12.92 |
| 2030 | | 1,601,832,781 | 87,889,233 | 126,526,146 | 128,401,134 | 1,687,847,026 | 13.15 |
| 2031 | | 1,687,847,026 | 91,404,802 | 133,267,712 | 135,406,062 | 1,777,113,478 | 13.12 |
| 2032 | | 1,777,113,478 | 95,060,994 | 140,493,965 | 136,938,819 | 1,875,729,618 | 13.70 |
| 2033 | | 1,875,729,618 | 98,863,434 | 148,290,595 | 143,057,807 | 1,979,825,840 | 13.84 |
| 2034 | | 1,979,825,840 | 102,817,971 | 156,616,834 | 147,048,802 | 2,092,211,843 | 14.23 |

A. Data for years 2005 through 2009 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 2010 through 2034:

Benefits will be paid in accordance with the demographic and economic assumptions used in this December 31, 2009 actuarial valuation and include benefit payments from the Retiree Death Benefit Fund (account).

Contributions are made by both the police officers and the city. Contributions are 13% of pay by the police officers. The city will contribute 18.63% through September 2010 and then the rate will increase to 19.63% on October 1, 2010.

^{3.} Annual payroll for 2010 will be \$122,928,285. It will increase 4% per year thereafter.

^{4.} Investment income (net of expenses) will be 8% of the average fund balance in each year.

^{5.} No ad hoc COLAs were assumed beginning January 1, 2011 or thereafter.

Exhibit 3

Austin Police Retirement System Net Market Value of Assets as of December 31, 2008 and 2009 Including the Retiree Death Benefit Fund

| | December 31, 2008 | December 31, 2009 |
|-------------------------------------|-----------------------------|-----------------------------|
| Assets | | |
| Investments | | |
| Real Estate Interests | \$ 130,065,014 | \$ 105,627,556 |
| Corporate Stocks | 72,770,760 | 118,327,434 |
| U.S. Government Bonds | 21,572,735 | 6,980,841 |
| International Government Securities | 49,444,685 | 45,673,677 |
| International Stocks | 36,515,709 | 40,848,123 |
| Short-Term Investment Funds | 14,071,867 | 26,540,698 |
| Partnership Interests | 32,065,523 | 39,068,791 |
| Corporate Bonds | 6,222,234 | 18,573,942 |
| Alternatives | 21,172,930 | 26,929,577 |
| Total Investments | \$ 383,901,457 | \$ 428,570,639 |
| Other Assets | | |
| Interest and Dividends Receivable | \$ 1,729,033 | \$ 1,760,333 |
| Cash | 92,461 | 131,916 |
| Fixed Assets | 899,135 | 819,796 |
| Contributions Receivable | 1,069,016 | 1,271,160 |
| Other Assets | 6,705 | 5,744 |
| Total | \$ 3,796,350 | \$ 3,988,949 |
| Total Assets | <u>\$ 387,697,807</u> | \$ 432,599,588 |
| Liabilities | | |
| Contributions Refundable | \$ 94,044 | \$ 38,049 |
| Other Payables | 483,343 | 493,985 |
| Total Payables | \$ 577,387 | <u>\$ 532,034</u> |
| Net Market Value of Assets | | |
| (Assets Minus Liabilities) | \$ 387,120,420 ¹ | \$ 432,027,554 ² |

¹ Includes \$313,919 for the Retiree Death Benefit Fund. The Net Market Value of Assets, excluding the Retiree Death Benefit Fund, is \$386,806,501.

² Includes \$321,142 for the Retiree Death Benefit Fund. The Net Market Value of Assets, excluding the Retiree Death Benefit Fund, is \$431,706,412.

Exhibit 4

Comparison of Market Value Asset Allocation as of the Prior and Current Actuarial Valuation Dates Austin Police Retirement System

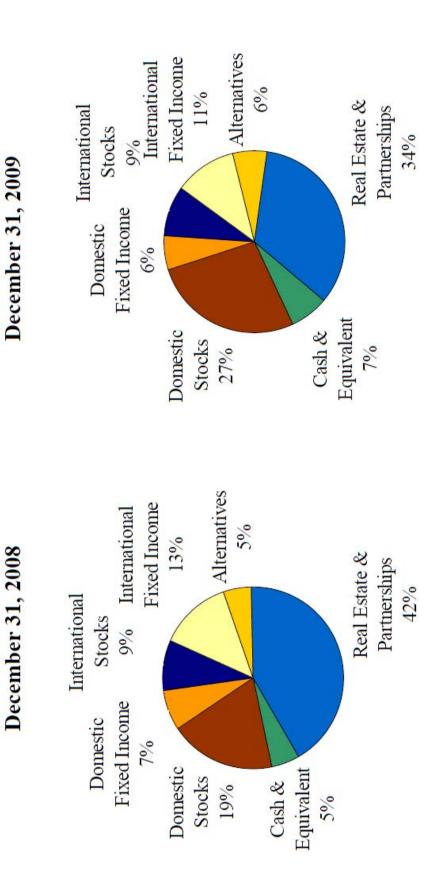


Exhibit 5
Austin Police Retirement System
Development of Actuarial Value of Assets

| Calculation of Actuarial Investment Gain/(Loss) Based on Total Market Value for Plan Years | 2009 | 2008 | 2007 | 2006 |
|---|----------------|-----------------|----------------|----------------|
| 1. Market Value of Assets as of beginning of year | \$ 387,120,420 | \$ 515,011,673 | \$ 461,179,532 | \$ 389,689,133 |
| 2. City of Austin Contributions | 22,272,667 | 20,171,151 | 18,594,236 | 17,033,469 |
| 3. Police Officer Contributions | 16,174,914 | 14,771,559 | 12,849,979 | 9,824,039 |
| 4. Benefit Payments and Contribution Refunds | (28,173,153) | (26,118,172) | (21,971,475) | (20,888,547) |
| Expected Investment Return* | 31,372,704 | 41,547,125 | 37,265,983 | 31,409,296 |
| 6. Expected Market Value of Assets as of end of year | \$ 428,767,552 | \$ 565,383,336 | \$ 507,918,255 | \$ 427,067,390 |
| 7. Actual Market Value of Assets as of end of year | 432,027,554 | 387,120,420 | 515,011,673 | 461,179,532 |
| 8. Actuarial Investment Gain/(Loss) | \$ 3,260,002 | \$(178,262,916) | \$ 7,093,418 | \$ 34,112,142 |
| 9. Market Value Rate of Return Net of Expenses | 8.8% | (26.3)% | 9.5% | 16.7% |
| 10. Rate of Actuarial Investment Gain/(Loss) | %8.0 | (34.3)% | 1.5% | 8.7% |
| | | | | |

* Assuming (1) uniform distribution of contributions and payments during the plan year and (2) expected investment rate of return of 8.00%.

| ized in Future Years | Deferred Gain/(Loss) | as of December 31, 2009 | \$ 2,608,002 | (106,957,750) | 2,837,367 | 6,822,428 | \$ (94,689,953) | 2009 | \$ 432,027,554 | (94,689,953) | \$ 526,717,507 | | 345,622,043 | 518,433,065 | 518,433,065 | 321,142 | \$ 518,111,923 | \$ 86,405,511 |
|---|----------------------|-------------------------|--------------|---------------|-----------|------------|-----------------|---|--|--|---------------------------------------|--|--|---|---|--|---|--|
| ains/(Losses) to be Recogn | Deferral | Percentage | %08 | %09 | 40% | 20% | | Actuarial Value of Assets as of December 31, 2009 | er 31, 2009 | in future | | | oer 31, 2009 (minimum) | iber 31, 2009 (maximum) | 31, 2009 | mber 31, 2009 | 1, 2009 (Item 15-Item 16) | Item 15 – Item 11) |
| Deferred Actuarial Investment Gains/(Losses) to be Recognized in Future Years | Investment | Gam/(Loss) | \$ 3,260,002 | (178,262,916) | 7,093,418 | 34,112,142 | | Actuarial Value of | Market Value of Assets as of December 31, 2009 | Deferred Gam/(Loss) to be recognized in future | Preliminary Value (Item 11 – Item 12) | Corridor for Actuarial Value of Assets | a. 80% of Market Value as of December 31, 2009 (minimum) | b. 120% of Market Value as of December 31, 2009 (maximum) | Total Actuarial Value as of December 31, 2009 | Retiree Death Benefit Fund as of December 31, 2009 | Net Actuarial Value as of December 31, 2009 (Item 15-Item 16) | Adjustment to market value of assets (Item 15 - Item 11) |
| Deferr | Plan | Year | 2009 | 2008 | 2007 | 2006 | Total | | Market Val | Deferred G | Preliminary | Corridor for | a. 80% of N | b. 120% of | Total Actual | Retiree Dea | Net Actuari | Adjustment |

Exhibit 6

Austin Police Retirement System
Historical Comparison of Market and Actuarial Value of Assets
(Valuations as of December 31)

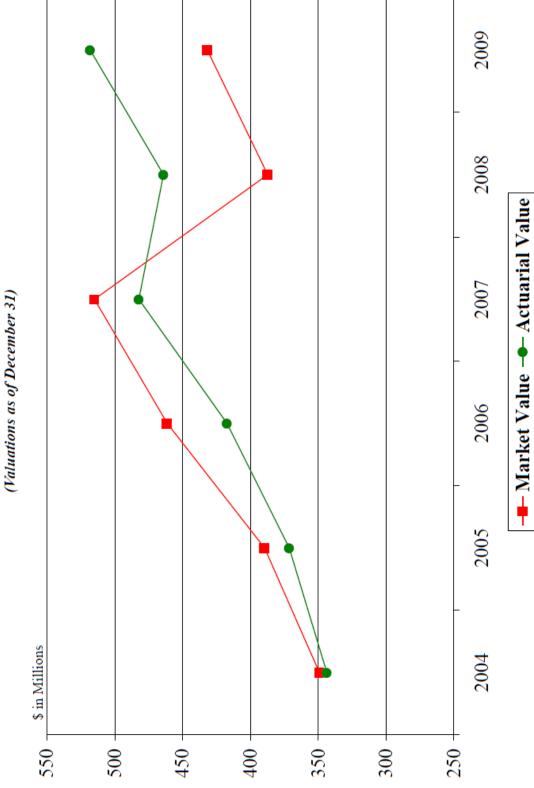


Exhibit 7

Austin Police Retirement System

Distribution of Police Officers by Age and Service as of December 31, 2009

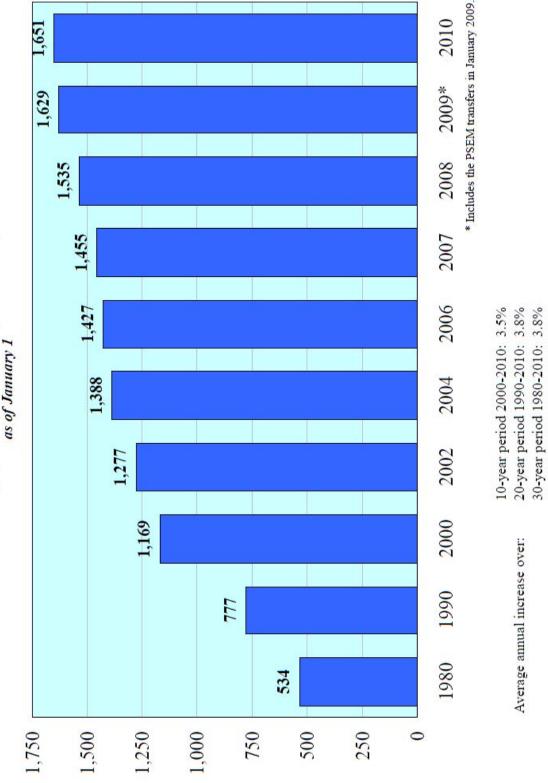
with Average Annual Salary

| | | | | | 9 | Attained | Age | | | | |
|-------------------|----------|----------|----------|----------|----------|----------|-------------------|----------|----------|----------|-------------------|
| Years of | | | | | | | 2 7 01 | | 60 or | | Average Annual |
| Service | Under 25 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | Over | Total | Salary |
| 0 | 10 | 39 | 21 | 9 | 4 | 0 | 0 | 0 | 0 | 83 | \$32,433 |
| 1* | 0 | 4 | 10 | 18 | 23 | 17 | 9 | 7 | 1 | 89 | 65,352 |
| 2 | 5 | 45 | 24 | 17 | 1 | 1 | 0 | 0 | 0 | 93 | 53,290 |
| 3 | 5 | 65 | 45 | 21 | 13 | 4 | 0 | 0 | 0 | 153 | 60,183 |
| 4 | 0 | 15 | 24 | 10 | 8 | 1 | 0 | 0 | 0 | 58 | 63,410 |
| 5 | 0 | 12 | 16 | 15 | 8 | 0 | 0 | 0 | 0 | 51 | 63,246 |
| 6 | 0 | 1 | 25 | 22 | 19 | 3 | 0 | 0 | 0 | 70 | 63,867 |
| 7 | 0 | 0 | 24 | 19 | 5 | 2 | 0 | 0 | 0 | 50 | 68,316 |
| 8 | 0 | 1 | 36 | 35 | 13 | 8 | 2 | 0 | 0 | 95 | 69,342 |
| 9 | 0 | 0 | 30 | 39 | 18 | 6 | 2 | 0 | 0 | 95 | 70,423 |
| 10 | 0 | 0 | 7 | 21 | 9 | 3 | 0 | 0 | 0 | 40 | 71,346 |
| 11 | 0 | 1 | 11 | 44 | 24 | 11 | 2 | 0 | 0 | 93 | 76,595 |
| 12 | 0 | 0 | 6 | 40 | 32 | 9 | 2 | 0 | 0 | 89 | 77,906 |
| 13 | 0 | 0 | 0 | 37 | 18 | 5 | 1 | 0 | 0 | 61 | 78,888 |
| 14 | 0 | 0 | 1 | 21 | 28 | 6 | 1 | 0 | 0 | 57 | 79,719 |
| 15 | 0 | 0 | 1 | 22 | 23 | 16 | 2 | 1 | 0 | 65 | 87,053 |
| 16 | 0 | 0 | 0 | 5 | 27 | 12 | 2 | 0 | 0 | 46 | 90,200 |
| 17 | 0 | 0 | 0 | 3 | 24 | 19 | 11 | 0 | 0 | 57 | 95,633 |
| 18 | 0 | 0 | 0 | 0 | 18 | 9 | 2 | 0 | 0 | 29 | 98,016 |
| 19 | 0 | 0 | 0 | 1 | 16 | 27 | 14 | 0 | 0 | 58 | 99,233 |
| 20-24 | 0 | 0 | 0 | 0 | 8 | 69 | 35 | 8 | 0 | 120 | 100,638 |
| 25-29 | 0 | 0 | 0 | 0 | 0 | 23 | 34 | 16 | 1 | 74 | 101,930 |
| 30-34 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 17 | 1 | 23 | 96,906 |
| 35-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 100,865 |
| 40-44 | _0 | 0 | 0 | 0 | 0 | 0 | 0 | _0 | 1 | 1 | 115,636 |
| Totals | 20 | 183 | 281 | 399 | 339 | 251 | 124 | 50 | 4 | 1,651 | \$74,457 |
| Average Annual | | | | | | | | | | | |
| Salary | \$43,483 | \$52,882 | \$62,801 | \$71,115 | \$79,032 | \$90,822 | \$94,085 | \$94,619 | \$93,362 | \$74,457 | |

^{*} Includes most of the PSEM transfers in January 2009.

Exhibit 8

Austin Police Retirement System
Historical Summary of Growth in Number of Contributing Members
as of January 1



Total

Female

Male

Exhibit 9

Austin Police Retirement System
Breakdown by Sex of Number of Officers and Average Annual Rate
of Pay as Reported for the December 31, 2009 Valuation

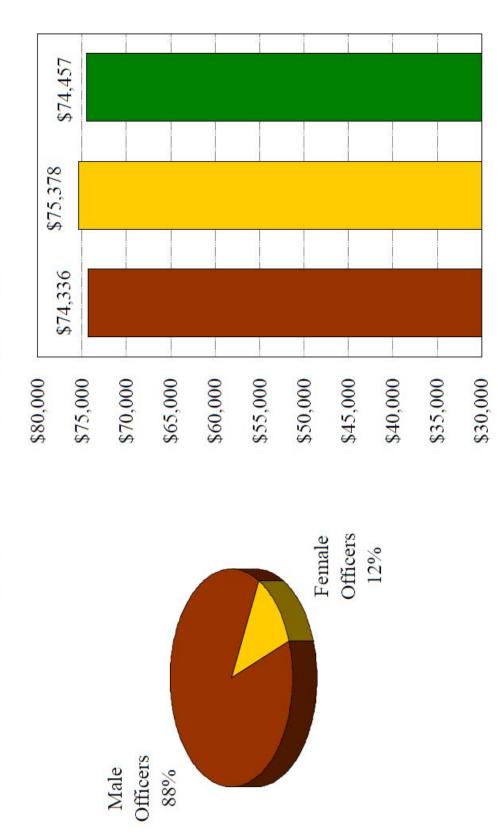
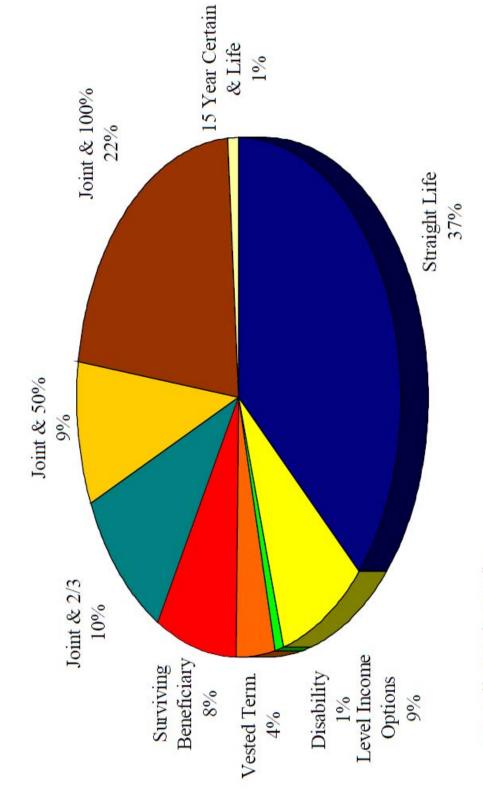


Exhibit 10

Austin Police Retirement System
Breakdown of Pensioners by Type and Annuity Option
as of the December 31, 2009 Valuation



May not add to 100% due to rounding.

Exhibit 11

Austin Police Retirement System Summary Data of Police Officers and Pensioners as of the December 31, 2009 Valuation

| Active Police Officers | Male | Female | Total |
|------------------------------------|---------------|--------------|---------------|
| Total Contributing Police Officers | 1,460 | 191 | 1,651 |
| Annualized Reported Payroll | \$108,531,060 | \$14,397,226 | \$122,928,286 |
| Average Annual Rate of Pay | \$74,336 | \$75,378 | \$74,457 |

| Pensioners and Vested Terminated Officers | Number | Monthly Payment | Actuarial Present Value of Benefits |
|---|--------|--------------------|---|
| Service Retirements by Type of Annuity | | | |
| Straight Life | 192 | \$963,698 | \$124,954,166 |
| Joint and 100% | 114 | 521,906 | 72,047,500 |
| Joint and 50% | 45 | 230,257 | 30,521,806 |
| Joint and Two-Thirds | 50 | 248,758 | 33,808,308 |
| Level Income Straight Life | 15 | 69,041 | 6,286,724 |
| Level Income Joint and Two-Thirds | 22 | 94,306 | 9,504,667 |
| Level Income Joint and 100% | 9 | 41,484 | 4,749,768 |
| Fifteen Year Certain and Life | 3 | 12,153 | 1,416,653 |
| Total Service Retirements | 450 | 2,181,603 | 283,289,592 |
| Disability Retirements | 5 | 13,426 | 1,849,357 |
| Surviving Beneficiaries | 41 | 151,417 | 16,222,472 |
| Vested Terminated Officers | 20 | 32,430 | 4,638,301 |
| Alternate Payees | _18 | 19,946 | 2,526,936 |
| Total | 534 | \$2,398,822 | \$308,526,658 |

Exhibit 11 (continued)

Austin Police Retirement System Police Officers and Pensioners Reconciliation

| | Police Officers | Current Payment Status | Vested Terminated Police Officers | Total |
|---|--------------------|------------------------------|--|-----------|
| 1. As of December 31, 2008 | 1,629 | 475 ¹ | 13 | 2,117 |
| 2. Change of status a. retirement b. disability c. death d. withdrawal e. vested termination (VT) f. new VT from PRP g. new QDRO h. completion of payment i. new retirement from PRP j. net changes | (41) | 41 | 0 | 0 |
| | (1) | 1 | 0 | 0 |
| | (2) | 0 | 0 | (1) |
| | (14) | 0 | 0 | (14) |
| | (3) | 0 | 3 | 0 |
| | 0 | 0 | 4 | 4 |
| | 0 | 0 | 0 | 0 |
| | 0 | (5) | 0 | (5) |
| | 0 | 1 | 0 | 1 |
| | | 39 | | (15) |
| 3. New police officers4. As of December 31, 2009 | 83 | 0 | 0 | <u>83</u> |
| | 1,651 | 514 ² | 20 | 2,185 |

Includes 18 alternate payees of QDROs.
 Includes 18 alternate payees of QDROs.

Exhibit 12

Historical Comparison of Actuarial Accrued Liability and Actuarial Value of Assets Austin Police Retirement System (Valuations as of December 31)

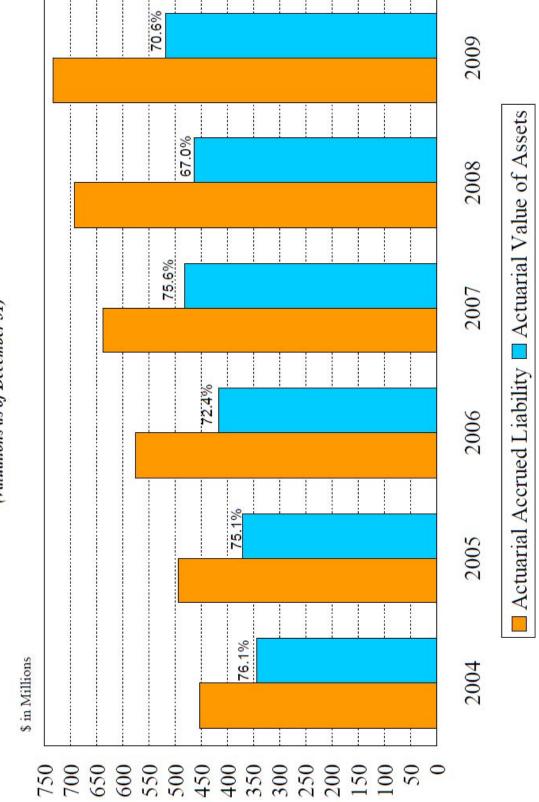


Exhibit 13

Austin Police Retirement System Summary Plan Description

Date System Began: January 1, 1980

Plan Effective Date: January 1, 2009

Administration: The System 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: 13% of each police officer's "Compensation Considered".

City Contributions: 18% of "Compensation Considered" for all "Employees Included" effective as of October 1, 1996 through December 31, 2008. Beginning in January 2009, the contribution rate increased to 18.25% and increased to 18.63% effective October 1, 2009, both as a result of implementing the Proportionate Retirement Program. The city contribution rate will further increase to 19.63% effective October 1, 2010. 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 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.

Exhibit 13 (continued)

Austin Police Retirement System Summary Plan Description

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 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.

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, 2010 and January 1, 2009. A COLA of 1% was given January 1, 2008. No COLAs were given January 1, 2007 and January 1, 2006. COLAs of 1.75%, 3%, and 1.5% 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, the monthly benefits of pensions also increased 6.67% because of the increase in the benefit formula from 3.0% to 3.2% of average compensation.

Proportionate Retirement Program: Beginning in 2009, the System and the city began participating in the statewide Proportionate Retirement Program (PRP). Service in other participating public employee retirement systems can be combined with service in the System to satisfy the System's requirements for service retirement eligibility and for eligibility for vested benefits for a terminated member. The participating systems, in addition to the System, are the six statewide systems, the City of Austin Employees' Retirement System, and the systems for the City of El Paso employees.

Exhibit 14

Austin Police Retirement System Summary of Actuarial Methods and Assumptions

| | 400 | | 77.50 | |
|---|-----------|--------|----------|--|
| 1 | Actuaria | 1 Cont | N Anthon | |
| | A CHIATIA | 1 (05) | Wieinoa | |

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 level percent contributions of employee payroll based on annual payroll growth of 4% per year due to general wage increases.

2. Actuarial Value of Assets Method

All assets are valued at market value with an adjustment made to uniformly spread actuarial gains or losses (as measured by actual market value investment return vs. expected market value investment return) over a five-year period. The total adjustment amount shall be limited as necessary such that the actuarial value of assets shall not be less than 80% of market value nor greater than 120% of market value. As a last step, the amount in the Retiree Death Benefit Fund according to the audited financial statements is subtracted.

3. Investment Return (Interest Rate)

8% per year, net of all expenses

4. Inflation

4% per year

 Salary Increase Due to General Wage Increases

4% per year

Salary Increases Due to Promotion and Longevity Increases 2.8% per year average over 25-year career. See Exhibit 16 for the promotion and longevity salary increases by year of service.

7. Total Salary Increase

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

 Interest Credited on Officer's Accumulated Contributions

5% per year after the first ten years

Exhibit 14 (continued)

Austin Police Retirement System Summary of Actuarial Methods and Assumptions

| 9. | Mortality a. Active and Retired b. Disabled | RP-2000 Combined Healthy Mortality Tables for males and females projected to 2010 RP-2000 Combined Healthy Mortality Tables for males and females projected to 2010 |
|-----|--|---|
| 10. | Retirement Rates | See Exhibit 17 for service and age-related rates. |
| 11. | Withdrawal Rates | See Exhibit 18 for service-related rates. |
| 12. | Disability Rates | See Exhibit 19 for age-related rates. |
| 13. | Future Pre-Employment Military Service Purchase for Officers with Military Service Information in Database Who Have Not Yet Purchased Credit | 100% of officers will purchase All of military service will be purchased up to allowable 24 months Officers will pay 25% of estimated cost |
| 14. | Future Pre-Employment Military Service Purchase for Officers Who Have Not Told System Whether They Have Such Service | 35% of officers will purchase 22 months purchased on average Officers will pay 25% of estimated cost |
| 15. | DROP Election | 65% 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 17 for the allocation between RETRO and FORWARD. |
| 16. | DROP Period Election | Members elect the maximum period eligible (up to 36 months for RETRO and up to 60 months for FORWARD). |
| 17. | Percent Single after Eligible for Service Retirement | 15% |
| 18. | Age of Spouse of Officer Who Dies While Eligible to Retire | Female 3 years younger than male |

Exhibit 14 (continued)

Austin Police Retirement System Summary of Actuarial Methods and Assumptions

| 19. | Payment Form Election for Pre- |
|-----|--------------------------------|
| | Retirement Death Benefits |

- a. Married Members
- b. Single Members

 Ad Hoc Cost-of-Living Increases for Pensioners

21. Cadet Service Purchase

- Forfeited Service Purchase, Probationary Service Purchase, and Uniform Military Leave of Service Purchase
- DROP Lump Sums Left with the System for Investment after Retirement (PROP)
- 24. Payment Form for Retirement Benefits Due to Service Retirement, Disability Retirement, or Vested Termination

25. Future Vested Terminated Members with Earlier Retirement Date Due to the Proportionate Retirement Program Joint and 100% to Survivor 15-Year Certain and Life Annuity

None

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

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

- 60% 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 6%.

Life annuity (modified cash refund)

- One termination per year for next 18 years
- Termination at age 45 with 18 years of service
- Retirement at age 50 instead of age 62
- Final average monthly salary of \$7,469 for the 2010 termination, with 4.1% per year increase for subsequent terminations

Exhibit 14 (continued)

Austin Police Retirement System Summary of Actuarial Methods and Assumptions

26. Additional Administrative Expenses for Participation in the Proportionate Retirement Program An increase in the normal cost contribution rate of 0.025% of payroll

- 27. Contributions (% of Covered Pay)
 - a. City

i. January 2010-Sept. 2010 18.63% ii. October 2010 and thereafter 19.63%

b. Police Officers 13.00%

Exhibit 15

Austin Police Retirement System
Changes in Actuarial Methods and Assumptions

| | December 31, 2008 Actuarial Assumption | December 31, 2009 Actuarial Assumption |
|---|---|---|
| DROP Election – Percentage of those assumed to retire who are eligible for at least a 12-month DROP lump sum will make such an election (RETRO) or will have made such an election (FORWARD) | 60% | 65% |
| DROP lump sums left with the System for investment after retirement (PROP) | 50% | 60% |
| Interest credited to the PROP accounts | 8% per year | 6% per year |

Exhibit 16

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

| | Salary Incre | eases Due to |
|-----------|---------------|--|
| | Promotion and | |
| Year of | Longevity | committee of against the committee of th |
| Service t | 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 |

Exhibit 17

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

| F | or Entry A | ges Under | 32 ¹ | For Entry Ages 33 and Above ³ | | | ove ³ |
|--|--|---|--|---|--|--|--|
| APRS Service | 22 & Under | 23-27 | 28-32 | Age | 33-37 | 38-42 | 43 & Over |
| 0-22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 | 50 50 150 200 250 450 500 500 500 500 500 600 600 600 | 50 75 150 200 250 350 400 400 500 500 500 500 500 500 500 | 50 100 150 200 250 300 400 500 500 500 1000 ² | 33-37 38-42 43-47 48 49 50 51 52 53 54 55 56 57 58 59 | 100 100 100 100 100 100 100 100 100 100 | 100 100 100 100 100 100 100 100 100 100 | 100 100 100 100 100 100 100 100 100 100 |
| 39 40 41 | 600 600 | | | 62 63 64 | | 350 350 350 | 800 400 400 |
| 42 | 1000^{2} | | | 65 | | 1000 | 1000 |

Rates are based on only APRS service and apply after an officer is eligible for retirement with combined APRS and Proportionate Retirement Program (PRP) service. Entry ages are determined based on only APRS service. An officer would need to have some PRP service in order for the bold rates to be applicable.

² 100% retirement rate will be effective at age 60 if earlier.

Rates are based on age and apply after an officer is eligible for retirement with combined APRS and PRP service. Entry ages are determined based on only APRS service. An officer would need to have some PRP service in order for the bold rates to be applicable.

Austin Police Retirement System Assumed Distribution of Retirements by Option Elected

| | | | | - |
|-------------|----------------------|------------|--------------|-------|
| Service at | | | | |
| Employment | No DROP | RETRO DROP | FORWARD | |
| Termination | Elected ¹ | Elected | DROP Elected | Total |
| 23 or less | 100% | 0% | 0% | 100% |
| 24 | 35 | 55 | 10 | 100 |
| 25 | 35 | 45 | 20 | 100 |
| 26 | 35 | 35 | 30 | 100 |
| 27 | 35 | 30 | 35 | 100 |
| 28 | 35 | 30 | 35 | 100 |
| 29 | 35 | 30 | 35 | 100 |
| 30 | 35 | 30 | 35 | 100 |
| 31 | 35 | 30 | 35 | 100 |
| 32 | 35 | 30 | 35 | 100 |
| 33 | 35 | 35 | 30 | 100 |
| 34 | 35 | 45 | 20 | 100 |
| 35 | 35 | 55 | 10 | 100 |
| 36 | 35 | 65 | 0 | 100 |
| 37 | 35 | 65 | 0 | 100 |
| 38 | 35 | 65 | 0 | 100 |
| 39 | 35 | 65 | 0 | 100 |
| 40 | 35 | 65 | 0 | 100 |
| 41 | 35 | 65 | 0 | 100 |
| 42 | 35 | 65 | 0 | 100% |

Police officers elect a type of service retirement benefit that does not include payment of a lump sum distribution.

Exhibit 18

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

| Combined Years of Service ¹ | 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 |

 $^{^{1}\,}$ APRS service combined with Proportionate Retirement Program service.

Exhibit 19

Austin Police Retirement System
Assumed Disability Rates Per 1,000 Members¹

| | Disability | | Disability |
|-----|------------|--------------|------------|
| Age | Rates | Age | 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.

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.
- 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.
- 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.

Exhibit 21

Austin Police Retirement System Disclosures in Accordance with GASB Statement No. 25 for the System's Financial Statements for Fiscal Year Ending December 31, 2009

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 ¹ (c) | UAAL as a Percentage of Covered Payroll ((b - a)/c) |
|--------------------------------|--|---|--------------------------------------|--------------------------|--|---|
| 12/31/04 | \$343,446,574 | \$451,579,880 | \$108,133,306 | 76.1% | \$86,673,590 | 124.8% |
| $12/31/05^2$ | 371,504,533 | 494,640,856 | 123,136,323 | 75.1 | 93,428,957 | 131.8 |
| 12/31/06 ^{2,3} | 417,283,844 | 576,125,324 | 158,841,480 | 72.4 | 100,090,151 | 158.7 |
| $12/31/07^2$ | 482,303,290 | 637,559,674 | 155,256,384 | 75.6 | 111,809,091 | 138.9 |
| 12/31/08 ^{2,4} | 464,230,585 | 693,202,499 | 228,971,914 | 67.0 | 122,735,216 | 186.6 |
| $12/31/09^2$ | 518,111,923 | 733,634,660 | 215,522,737 | 70.6 | 122,928,285 | 175.3 |

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

⁴ Reflects changes in plan benefit provisions effective January 2009.

II. Schedule of Employer Contributions

| Plan Year Ended 12/31 | Actual Contribution As a Percent of Covered Payroll ¹ | Actual Contribution Amount | Annual Required Contribution (ARC) ² | | | Percent of ARC Contri- buted |
|-----------------------------|---|----------------------------------|--|------|---------|---------------------------------------|
| | | | Date | AP | Rate | |
| 2004 | 17.906% | \$14,714,174 ³ | 12/31/02 | 25.7 | 17.906% | 100.0% |
| 2005 | 17.902 | 15,754,922 ⁴ | 12/31/03 | 28.6 | 17.902 | 100.0 |
| 2006 | 17.906 | 16,945,167 ⁵ | 12/31/04 | 32.0 | 17.906 | 100.0 |
| 2007 | 17.919 | 18,510,066 ⁶ | 12/31/05 | 30.0 | 18.775 | 95.4 |
| 2008 | 17.900 | 20,060,4587 | 12/31/06 | 30.0 | 17.846 | 100.3 |
| 2009 | 18.254 ⁸ | $22,159,076^9$ | 12/31/07 | 30.0 | 16.776 | 108.8 |

Effective September 1, 2003, a portion of the Employer's total 18% contribution is allocated to a Retiree Death Benefit Fund. The ARC is based on a one-year lag between the date of the actuarial valuation ("Date") and the beginning of the plan year. The ARC is expressed as a contribution rate ("Rate") that is a percent of covered payroll. An amortization period (AP) for the ARC of up to 40 years was compliant with GASB parameters through the 2006 plan year. After the 2006 plan year, an AP of up to 30 years is compliant.

² Some of the actuarial assumptions were revised.

³ Reflects changes in plan benefit provisions effective September 1, 2007 and December 1, 2007.

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

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

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

The employer's total contribution during 2007 including the Retiree Death Benefit Fund was \$18,594,236.

The employer's total contribution during 2008 including the Retiree Death Benefit Fund was \$20,171,151. The employer's total contribution rate was 18.25% January-September 2009 and 18.63% October-December 2009. The average contribution rate was 18.254% (18.345% total average - 0.091% for Retiree Death Benefit Fund).

The employer's total contribution during 2009 including the Retiree Death Benefit Fund was \$22,272,667.

Austin Police Retirement System Disclosures in Accordance with GASB Statement No. 25 for the System's Financial Statements for Fiscal Year Ending December 31, 2009

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, 2009 Actuarial cost method Entry Age Level percentage of projected payroll, open Amortization method Amortization period 29.3 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 - Postretirement cost-of-living adjustments

None

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

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 was originally established in 1979 by a City Council ordinance. Since August 1991, the System has been governed by state law, with plan amendments made by the Texas Legislature. 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 monthly benefit is equal to 3.2% of the highest 36-month average salary multiplied by years and months of service.

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

Austin Police Retirement System

Disclosures in Accordance with GASB Statement No. 25
for the System's Financial Statements for Fiscal Year

Ending December 31, 2009

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.

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.

Beginning in 2009, the System and the city began participating in the Texas statewide Proportionate Retirement Program (PRP). Service in other participating public employee retirement systems can be combined with service in the System to satisfy the System's requirements for service retirement eligibility and for eligibility for vested benefits for a terminated member. The participating systems, in addition to the System, are the six Texas statewide systems, the City of Austin Employees' Retirement System, and the systems for the City of El Paso employees.

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, 2009:

Austin Police Retirement System

Disclosures in Accordance with GASB Statement No. 25
for the System's Financial Statements for Fiscal Year

Ending December 31, 2009

| Retirees and beneficiaries currently receiving benefits (514) | |
|---|-------|
| and terminated employees entitled to future monthly | |
| benefits (20) | 534 |
| Current participating members | 1,651 |
| Total | 2.185 |

B. FUNDING POLICY

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 plan year ending December 31, 2009, participants are required to contribute 13% of their basic compensation to the System. The City's required contributions were equal to 18% of basic compensation in 2008 and were increased to 18.25% in January 2009. The City contribution rate again increased to 18.63% on October 1, 2009 and will further increase to 19.63% on October 1, 2010.

Since September 1, 2003, a portion of the City's contribution has been allocated to the Retiree Death Benefit Fund. This portion, re-determined annually, was 0.091% for 2009 based on the December 31, 2007 actuarial valuation and is 0.092% for 2010 based on the December 31, 2008 actuarial valuation. This portion was redetermined based on the December 31, 2009 actuarial valuation to be 0.098% for 2011.

The City contribution rate is required by the state law governing the System and may be changed by amendment made by the Texas Legislature. 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 Texas Legislature 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 contribution arrangement at the time any change is made. Using the entry age actuarial cost method, the System's normal cost is determined as

Austin Police Retirement System

Disclosures in Accordance with GASB Statement No. 25
for the System's Financial Statements for Fiscal Year
Ending December 31, 2009

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, 2009 and the plan provisions reflected in that valuation, the normal cost was 22.338% of pay and the amortization period was 29.3 years.

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, 2010

I. Annual Pension Cost

For the fiscal year ending September 30, 2010, 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 percentage of basic compensation, consisting of base pay and longevity pay, of the members of the System (including both police cadets and officers). Effective October 1, 2009, the city contribution rate increased from 18.25 to 18.63% and will further increase to 19.63% on October 1, 2010.

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 0.091% for 2009 based on the December 31, 2007 actuarial valuation and is 0.092% for 2010 based on the December 31, 2008 actuarial valuation. Therefore, the contributions for the fiscal year ending September 30, 2010 were equal to 18.539% of payroll for the period October 1, 2009 through December 31, 2009, and 18.538% of payroll for the period January 1, 2010 through September 30, 2010.

The annual required contribution (ARC) by the city for the fiscal year ending September 30, 2010 was based on the actuarial valuations as of December 31, 2007 (for the 2009 plan year) and as of December 31, 2008 (for the 2010 plan year) using the entry age actuarial cost method and determined in compliance with the GASB Statement No. 27 parameters, including the amortization periods for the ARC indicated below. The actuarial methods and assumptions used for the three most recent valuations are shown below:

| Valuation date | 12/31/2007 | 12/31/2008 | 12/31/2009 |
|---|--------------------------------------|--------------------------------------|-----------------------------------|
| 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 | | | |
| • Investment return | 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% |
| Cost-of-living increases | 0.0% | 0.0% | 0.0% |
| Payroll increases | 4.0% | 4.0% | 4.0% |
| ARC as a percent of payroll for the plan year | 16.776% 2009 | 20.291% 2010 | 19.360% 2011 |

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, 2010

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

| Fiscal | Annual | Contributions as | Percentage | Net |
|--|------------|--|-------------|---------------|
| Year | Pension | a Percent of | of APC | Pension |
| Ending | Cost (APC) | Covered Payroll | Contributed | Obligation |
| 09/30/2008 09/30/2009 09/30/2010 | \$3 4 | 17.919/17.900% 17.900/18.159 18.538/18.539 | 2 2 | $\frac{1}{3}$ |

As determined using worksheet on page 41 of the December 31, 2007 actuarial valuation report.

III. 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 ¹ (c) | UAAL as a Percentage of Covered Payroll ((b - a)/c) |
|--------------------------------|--|---|--------------------------------------|--------------------------|--|---|
| 12/31/04 | \$343,446,574 | \$451,579,880 | \$108,133,306 | 76.1% | \$86,673,590 | 124.8% |
| $12/31/05^2$ | 371,504,533 | 494,640,856 | 123,136,323 | 75.1 | 93,428,957 | 131.8 |
| $12/31/06^{2,3}$ | 417,283,844 | 576,125,324 | 158,841,480 | 72.4 | 100,090,151 | 158.7 |
| $12/31/07^2$ | 482,303,290 | 637,559,674 | 155,256,384 | 75.6 | 111,809,091 | 138.9 |
| $12/31/08^{2,4}$ | 464,230,585 | 693,202,499 | 228,971,914 | 67.0 | 122,735,216 | 186.6 |
| $12/31/09^2$ | 518,111,923 | 733,634,660 | 215,522,737 | 70.6 | 122,928,285 | 175.3 |

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

² The percentage of APC contributed is the actual city contributions to the System in excess of the portion of contributions for the Retiree Death Benefit Fund, divided by the APC.

As determined using worksheet on page 44 of the December 31, 2008 actuarial valuation report.

See the worksheet at the end of this exhibit.

² Some of the actuarial assumptions were revised.

³ Reflects changes in plan benefit provisions effective September 1, 2007 and December 1, 2007.

⁴Reflects changes in plan benefit provisions effective January 2009.

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, 2010

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 issues a stand-alone report that is available from the Retirement Board.

The System was originally established in 1979 by a City Council ordinance. Since 1991, the System has been governed by state law, with plan amendments made by the Texas Legislature. 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 monthly benefit is equal to 3.2% of the highest 36-month average salary multiplied by years and months of service.

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.

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,

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, 2010

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.

Beginning in 2009, the System and the city began participating in the Texas statewide Proportionate Retirement Program (PRP). Service in other participating public employee retirement systems can be combined with service in the System to satisfy the System's requirements for service retirement eligibility and for eligibility for vested benefits for a terminated member. The participating systems, in addition to the System, are the six Texas statewide systems, the City of Austin Employees' Retirement System, and the systems for the City of El Paso employees.

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. FUNDING POLICY

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, 2009, participants are required to contribute 13% of their basic compensation to the System. The City's required contributions were equal to 18% of basic compensation in 2008 and were increased to 18.25% in January 2009. The City contribution rate again increased to 18.63% on October 1, 2009 and will further increase to 19.63% on October 1, 2010.

Since September 1, 2003, a portion of the City's contribution has been allocated to the Retiree Death Benefit Fund. This portion, re-determined annually, was 0.091% for 2009 based on the December 31, 2007 actuarial valuation and is 0.092% for 2010 based on the December 31, 2008 actuarial valuation. This portion was redetermined based on the December 31, 2009 actuarial valuation to be 0.098% for 2011.

The total City contribution rate of at least 18% prior to 2009 and the subsequent increases as described above are required by the state law governing the System and may be changed by amendment made by the Texas Legislature. 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

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, 2010

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 Texas Legislature 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 contribution 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, 2009 and the plan provisions reflected in that valuation, the normal cost was 22.338% of pay and the amortization period was 29.3 years.

Austin Police Retirement System GASB Statement No. 27 Worksheet for Annual Pension Cost (APC) and Net Pension Obligation (NPO) for the Fiscal Year Ending September 30, 2010

| | | Plan Year the Accoun | | Accounting Year |
|-----|---|-------------------------|------------|--------------------|
| | | Begins | Ends | Total |
| | | Column A | Column B | Column C |
| 1. | Plan year | 2009 | 2010 | |
| 2. | Valuation date that is the basis for plan year ARC | 12/31/2007 | 12/31/2008 | |
| 3. | Months of accounting year in each plan year | OctDec. | JanSept. | |
| 4. | Portion of accounting year in each plan year | 25% | 75% | |
| 5. | GASB compliant ARC for months of accounting year in line 3 | 1 | 2 | |
| 6. | ARC for the accounting year (5A+5B) | | | |
| 7. | NPO at beginning of accounting year | 3 | | 2 |
| 8. | Actuarial investment return assumption used in calculating line 5 | 8.0% | 8.0% | |
| 9. | Multiply line 7A by line 4 x line 8 | | | |
| 10. | Total interest on NPO (9A+9B) | S 3) | = ===== | |
| 11. | Actuarial amortization factor used in calculating line 5 amount | 18.2974 | 18.2974 | s |
| 12. | Divide line 7A by line 11, then multiply by line 4 | · | | |
| 13. | Adjustment to the ARC (12A+12B) | | | |
| 14. | Annual pension cost (APC) (6C+10C-13C) | | | |
| 15. | Actual contributions to the plan for the accounting year | | | 4 |
| 16. | Change in NPO (14C-15C) | | | |
| 17. | NPO at end of accounting year (7A+16C) | | | |
| 18. | % of APC contributed (15C÷14C) | | | |

ARC = 16.776% of actual covered payroll for October – December 2009.
 ARC = 20.291% of actual covered payroll for January – September 2010.
 The NPO as of October 1, 2009 should have been determined according to the prior year worksheet.

⁴ Contributions in excess of the portion of contributions for the Retiree Death Benefit Fund.

August 17, 2010

Austin Police Retirement System (APRS)

Comparison of Amortization Periods (Actual and Projected) from the Original Actuarial Valuation to the Revised Actuarial Valuation as of December 31, 2009 Anticipating an Additional 2% City Contribution

| | Scenario 1 | Scenario 2 | Scenario 3 | Scenario 4 | Scenario 5 |
|------------------------------|------------|------------|------------|------------|------------|
| Assumed Investment Return | | | | | |
| for Calendar Year | | | | | |
| 2010 | 8% | 20% | 4% | 10% | 4% |
| 2011 | 8 | 15 | 20 | 10 | 4 |
| 2012 | 8 | 10 | 15 | 10 | 20 |
| 2013 | 8 | 10 | 15 | 10 | 15 |
| 2014 and later | 8 | 8 | 8 | 8 | 8 |
| Original Amortization Period | | | | | |
| as of December 31: | | | | | |
| 2009 (actual) | 29 years |
| 2010 (projected) | 35 years | 32 years | 36 years | 34 years | 36 years |
| 2011 (projected) | 47 years | 36 years | 46 years | 45 years | 53 years |
| 2012 (projected) | 70 years | 38 years | 54 years | 59 years | 84 years |
| 2013 (projected) | 68 years | 30 years | 41 years | 52 years | 65 years |
| Revised Amortization Period | | | | | |
| as of December 31: | | | | | |
| 2009 (actual) | 23 years |
| 2010 (projected) | 26 years | 24 years | 26 years | 25 years | 26 years |
| 2011 (projected) | 32 years | 26 years | 31 years | 30 years | 34 years |
| 2012 (projected) | 39 years | 27 years | 34 years | 36 years | 42 years |
| 2013 (projected) | 38 years | 22 years | 28 years | 33 years | 37 years |

- The comparison above is based on the December 31, 2009 actuarial valuation of APRS. Anticipating the eventual
 effect of an additional 2% city contributions does not change the unfunded actuarial accrued liability (UAAL)
 shown in the valuation report, but it will provide additional contributions for amortizing the UAAL, resulting in a
 decrease in the UAAL amortization period. (See pages 2-4 of the valuation report for the explanation of the
 projected amortization periods.)
- The contract between the City of Austin and the Austin Police Association was amended in 2009, including future increases in the city's contribution rate to APRS of an additional 1% beginning in September 2011 (from 19.63% to 20.63%) and an additional 1% beginning in September 2012 (from 20.63% to 21.63%).
- 3. Section 3d of the 2009 contract amendment says, "The City agrees that the statute governing the Austin Police Retirement System should be amended to incorporate the increased City contribution rate provided in this Agreement."
- 4. It is anticipated that the statute will be amended in the 2011 session of the Texas Legislature to be effective September 1, 2011 and that Rudd and Wisdom will recognize the additional 2% contributions beginning with the December 31, 2010 actuarial valuation and when considering actuarial approval of COLAs, or any other benefit improvements, effective January 1, 2012 or later.

Rudd and Wisdom, Inc.

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HISTORICAL INFORMATION SECTION

Improvements to the System (Last 15 Years)

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.

Improvements to the System (Last 15 Years)

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%.

Improvements to the System (Last 15 Years)

April 2007

Forward Deferred Retirement Option Plan (FORWARD DROP) provision added for a one-time benefit whereby active police officers can choose to retire, continue working for and drawing a paycheck from APD, while their retirement annuity is deferred into a DROP account on their behalf at the retirement system.

September 2007

Permissive service credit was changed to (I) allow the purchase by a deceased member's designated beneficiary if there is no surviving spouse and (2) allow the purchase to be based on deferring the actual date when retirement benefits would begin in order to reduce the member's cost (Deferred Permissive Service)

The retiree death benefit is increased to \$10,000 from \$7,500

October 2007

Member contribution rate was increased from 11% to 13%.

December 2007

Benefit formula multiplier was increased from 3.0% to 3.2%.

Special Ad hoc increase granted to retirees based on benefit multiplier 3.2% divided by benefit multiplier 3.0%, minus one, and multiplied by 100.

January 2009

The City's contribution rate was increased from 18% to 18.25% to fund APRS participation in Texas Proportionate Retirement System.

March 2009

APRS joined the Texas Proportionate Retirement System. This allowed members with service credit in more than one participating retirement system to be eligible to combine their service credits in order to satisfy the length of service requirements used to determine eligibility for service retirement.

September 2009

The City's contribution rate was increased from 18.25% to 18.63% to fund APRS participation in Texas Proportionate Retirement Program.

Interest Paid On Member Contributions (15 year History)

| Year | Interest Paid |
|-------|----------------------|
| 2009 | 0.0% |
| 2008 | 0.0% |
| 2007* | 5.0% |
| 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% |

^{*}Beginning in 2007, interest is only paid on vested members accounts

How is the amount of interest paid on retirement contributions determined?

The Board of Trustees annually determines the amount of interest paid on vested 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 only to vested members' (10 yrs. Of service) accounts 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 \$50,000 on January I, and on December 31, you had \$60,000, your interest for that year would be based on the \$50,000 you had in the system on January I. In order to obtain that interest, your money must have remained on deposit for the entire calendar year.

Cost of Living (Ad Hoc) Adjustments (15 Year History)

| Year | COLA Paid |
|------|------------------|
| 2009 | 0.0% |
| 2008 | 0.0% |
| 2007 | 1.0% |
| 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% |

How is the amount of cost of living adjustments 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 I, and December 3I, 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.

Comparative Statement of Membership

| ACTIVE MEMBE | RS | 2009 | 2008 |
|--|---------------------------------------|--------------------------|---------------|
| Total Number of Members, January I | | 1,629 | 1535 |
| Add: | New Members | 104 | 181 |
| Deduct: | Members Terminated | (20) | (40) |
| | Members Transferred to Retiree System | (42) | (34) |
| Total Membership, [| December 31 | <u>1,671</u> | <u> 1642</u> |
| Deduct: Inac | tive Vested Members | (20) | (13) |
| TOTAL ACTIVE ME | EMBERS, DECEMBER 31 | <u>1651</u> | <u> 1629</u> |
| RETIREE MEMB | ERS | | |
| Total Number of Members, January I | | 475 (1) | 443 |
| Add: Retired Members Transferred to System | | 42 | 38 |
| Deduct: Retired Members Deceased | | (3) | (6) |
| TOTAL RETIRED MEMBERS, DECEMBER 31 | | <u>514₍₂₎</u> | <u>475(I)</u> |

- I. Includes 18 alternate payees of QDROs.
- 2. Includes 18 alternate payees of QDROs.

BENEFIT GUIDE SECTION

INTRODUCTION

While this guide 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-I, 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 commissioned 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 members of the Police Retirement System at date of employment.

CONTRIBUTIONS

Each member of the system contributes 13% 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. (Effective October 1, 2010, the City's contribution rate will increase an additional 1% to equal 19%). 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).

In addition, 2009 legislation provided that the City of Austin contribute additional costs incurred by the System for participating in the proportionate retirement program as set forth in Chapter 803 in the Texas Government Code (the "PRP"):

- Increasing contribution rates from 18.00% to 18.25% for the period from January, 2009 through September 30, 2009
- 2. Increasing contribution rates from 18.25% to 18.63% for periods following September 30, 2009, and Subsequent adjustments to the City's contribution rate following each 5 years of PRP participation with adjustments to be based on experience studies performed by the system's actuary.

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 not eligible 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.
- 8. Deferred Retirement Permissive Service- Eligible service of up to 60 months at 20 years of service credit or more with a delayed monthly annuity, excluding pre-membership military service, at full actuarial present value cost.

PROPORTIONATE SERVICE

Program for the benefit of members of participating public retirement systems. A member of two or more of the following participating retirement systems may be eligible for proportionate benefits:

- Austin Police Retirement System
- City of Austin Employees' Retirement System
- The El Paso City Employees' Pension Fund
- El Paso Firemen and Policemen's Pension Fund
- Employees Retirement System of Texas (ERS)
- Judicial Retirement System of Texas I & II
- Texas Municipal Retirement System (TMRS)
- Texas County and District Retirement System (TCDRS)
- Teacher Retirement System of Texas (TRS)
- Other Texas retirement systems covering municipal employees who have qualified plans and have elected to participate in the Proportionate Retirement Program

Participating systems recognize service from other participating systems. A member with service credit in more than one participating retirement system may be eligible to combine that service in order to satisfy the length of service requirements used to determine eligibility for service retirement. Retirement benefits will be paid separately from each system, based only on the service performed in that system. Military service purchases may only be used once in determining the amount of the member's combined

service credit. A member of a participating retirement system who forfeited membership service by withdrawing their deposits may re-establish credit for service earned in another participating proportionate retirement system. A member must contact the system in which they previously had membership in order to determine eligibility requirements to re-establish service credit and/or membership. A member should determine their proportionate retirement benefits before withdrawing member deposits in any of these systems.

RETIREMENT BENEFIT LIFE ANNUITY CALCULATED

Basic retirement benefit Life Annuity are calculated using the following formula. Monthly annuity check would begin at the date the member would have been eligible for normal retirement.

\$6,250 Average monthly salary for highest 36 months of last 10 years of contributing service

23 × 3.2% = \$4,600

Total years of membership

Basic monthly benefit amount service

*3.2% 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 (RETRO DROP)

The retroactive deferred retirement option plan, referred to as RETRO DROP Option, is a one-time benefit 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 benefit balance 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 31st for balances on deposit as of January 1st 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.

FORWARD DEFERRED RETIREMENT OPTION PLAN (Forward DROP)

The forward option one-time benefit whereby active police officers can choose to retire, continue working for and drawing a paycheck from APD, while their retirement annuity is deferred into a DROP account on their behalf at the retirement system. To be eligible a member must qualify with a normal service retirement of 23 years at any age, excluding pre-membership military service credit and permissive service credit, as of the date of his or her election to participate in the Forward DROP. The maximum amount of service to be used in computation of the Forward DROP after normal service retirement of 23 years, excluding pre-membership service credit and permissive service credit is sixty (60) months.

A member's election to participate in the Forward DROP is irrevocable. During the period that a member participates in Forward DROP, retirement contributions shall be made to the member's Forward DROP account. The Forward DROP benefit balance will include the accumulated monthly benefits during Forward DROP participation with retiree COLA'S, multiplier increases, member contributions and a 5% simple interest calculation on December 31st for balances on deposit as of January 1st of the same calendar year. A member who elects Forward DROP receives a one-time lump sum benefit with a reduced monthly retirement benefit at termination of employment date.

If a member electing to participate in Forward DROP decides to continue employment covered by the Act governing the System after her or she has participated in Forward DROP for sixty (60) months, no further annuity deferrals or member contributions shall be deposited to the members Forward DROP account after that sixty month period. In that event, the member shall continue making all contributions required under the Act governing the System, however, these contributions will not be used in the pension benefit calculation and the member will not receive any further service credit for time worked.

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.

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

Instead of receiving a single lump-sum payment, a member may elect to receive partial payments from the member's RETRO or Forward DROP account by transferring the funds into a PROP, 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 or Forward 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 or Forward DROP funds in the PROP account shall be credited with earnings or losses of the system while they 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 a minimum of \$500 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 two (one-time) period of deferrals in a calendar year that cease at the earliest of: (I) 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 ½ 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 50. 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.

City of Austin Police Retirement System

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,

- I) if an active member with less than 10 years of creditable service 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 an active member with more than 10 years of creditable service 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 benefit 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 are calculated using the following formula:

\$6.250

Average monthly salary for highest 36 months of last 10 years of contributing service

 $\times 3.2\% = \$4,000$

Total years of membership

Basic monthly benefit amount service

*3.2% 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 \$10,000 is paid to the designated beneficiary(ies) or estate.

At the death of an active member eligible to retire, a tax free death benefit of \$10,000 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 member's accumulated deposits. The lump sum payment may not be less than \$10,000. When the \$10,000 minimum is payable, the amount payable from the Fund is \$10,000 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 designated 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 members accumulated deposits.

If there is no surviving spouse, the deceased member's designated beneficiary may elect to receive payment under Option V, 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 \$10,000 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, dental and vision 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., Suite 600, P.O. Box 1088, Austin, Texas 78704 or by phone at (512) 974-3284.

LEAVING THE SYSTEM

DEFINITION OF A VESTED MEMBER

When you declare participation in the Texas Proportionate Retirement Program or have attained ten years of Austin Police Retirement System 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 retirement contributions for vested 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 to the member's benefit.

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 you wish, when you want to receive your retirement contributions and where you want them to be sent. Your choices are:

- 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. Have your contributions refunded to you the end of the calendar year. By doing this, you may 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. 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. Have your contributions left in the System 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 may 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.
- 5. Have your contributions left in the System if you are eligible or expect to become eligible to participate in the Proportionate Retirement Program.

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 City 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 414(h) 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 VESTED CONTRIBUTIONS

The Board of Trustees annually determines the amount of interest paid on vested 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 31st, 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, the Benefit Services Specialist 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 100, Austin, Texas 78704.

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NOTES:

CITY OF AUSTIN POLICE RETIREMENT SYSTEM

P.O. Box 41089 2520 S. IH-35 Suite 100 Austin, TX 78704

Phone: 512-416-7672 Fax: 512-416-7138 Website: www.ausprs.org