

Actuarial





Actuary's Certification Letter (Pension Trust Fund)

GRS

Gabriel Roeder Smith & Company
Consultants & Actuaries

April 30, 2009

Board of Trustees
Texas Municipal Retirement System
Austin, Texas

Dear Trustees:

In accordance with the Texas Municipal Retirement System ("TMRS") Act, the annual actuarial valuation of the assets and liabilities of the TMRS Pension Trust Fund has been completed as of December 31, 2008.

The actuarial assumptions used for this valuation were initially developed from an actuarial investigation of the experience of TMRS over the four years 2003-2006 performed by The Segal Company, the System's prior actuary. They were adopted in 2007 and first used in the December 31, 2007 actuarial valuation as prepared by The Segal Company. In addition, Gabriel Roeder Smith & Company recommended the following new assumptions that were adopted by the Board of Trustees (the "Board") in December 2008 and are first implemented with the December 31, 2008 actuarial valuation:

1. Salary scale assumption be applied immediately instead of a one-year delay
2. Explicitly recognize the cost-of-living adjustment ("COLA") associated with the annuitization of the Employee Savings Fund ("ESF") balances at retirement and accounting for occurrence of partial lump sum distributions
3. Set the Municipality Accumulation Fund ("MAF") discount rate at 7.50% to reflect the expectation of a reserving policy for the TMRS Fund

The results of the actuarial valuation are dependent on the actuarial assumptions used. Actual results can and almost certainly will differ, as actual experience deviates from the assumptions. Even seemingly minor changes in the assumptions can materially change the liabilities, calculated contribution rates, and funding periods.

It is our opinion that the recommended assumptions and methods are internally consistent and are reasonably based on past and anticipated future experience of the System and comply with the parameters for disclosure as set forth in Governmental Accounting Standards Board Statements No. 25 and as amended in Statement No. 50. We provided the information used in the supporting schedules in the Actuarial Section as well as portions of the Notes to the Financial Statements and the Required Supplementary Information in the Financial Section of the CAFR.

The financing objective for each TMRS plan is to provide retirement, death and disability benefits for a member city's employees financed by an employer contribution rate. This rate is determined annually and is expected to remain approximately level as a percentage of the employer's covered payroll. In



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TMRS, a city's actuarially determined contribution rate consists of two components: the employer normal cost contribution rate and the prior service contribution rate. Both rates are determined as a level percentage of payroll. The normal cost contribution rate finances the portion of an active member's projected retirement benefit allocated annually. The prior service contribution rate amortizes the unfunded actuarial accrued liability ("UAAL") over the applicable period for that city. Both the normal cost and prior service contribution rates include recognition of the projected impact of annually repeating updated service credits and annuity increases.

The employer contribution rates for the municipalities participating in TMRS are certified annually by the Board of Trustees. These rates are actuarially determined and are based upon the plan provisions in effect as of February 1, 2009 and the actuarial assumptions and methodology adopted by the Board. The Board's current policy is that the contribution rates determined by a given actuarial valuation become effective one (1) year after the valuation date. For example, the rates determined by the December 31, 2008 actuarial valuation will be applicable for the calendar year beginning January 1, 2010 and ending December 31, 2010.

To test how well the financing objective for each plan is being achieved, annual actuarial valuations are made. These actuarial valuations recognize differences in the past year between the actuarial assumptions and the actual experience, and any benefit changes for each plan. A separate actuarial valuation for each participating municipality was made based upon the plan of benefits in effect as of February 1, 2009.

The TMRS staff supplied all of the data for retired, active and inactive members as of December 31, 2008. We did not audit this data, but we did apply a number of tests to the data and we concluded that it was reasonable and consistent with the prior year's data. The TMRS staff also supplied all of the asset data and financial information as of December 31, 2008. The amounts of the assets in the actuarial valuations agree with the amounts as reported by TMRS.

All of our work conforms with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board. In our opinion, our calculations also comply with the requirements of the TMRS Act and, where applicable, the Internal Revenue Code and the Statements of the Governmental Accounting Standards Board.

The undersigned are independent actuaries and consultants. Both are Members of the American Academy of Actuaries, both meet the Qualification Standards of the American Academy of Actuaries, and both are experienced in performing valuations for large public retirement systems.

Respectfully submitted,

Mark R. Randall, MAAA, FCA, EA
Executive Vice President & Senior Consultant

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Senior Consultant



Summary of Actuarial Assumptions (Pension Trust Fund)

The actuarial assumptions were initially developed from an actuarial investigation of the experience of TMRS over the four years 2003-2006 performed by The Segal Company. They were adopted in 2007 and first used in the December 31, 2007 actuarial valuation as prepared by The Segal Company. In addition, Gabriel Roeder Smith & Company recommended the following new assumptions that were adopted by the Board of Trustees in December 2008, which were implemented with the December 31, 2008 actuarial valuation:

- Salary scale assumption was applied immediately instead of a one-year delay
- Explicitly recognized the COLA associated with the annuitization of the Employees Saving Fund (ESF) balances at retirement and accounted for occurrence of partial lump sum distributions
- Set the Municipality Accumulation Fund (MAF) discount rate at 7.50% to reflect the expectation of a reserving policy for the TMRS Fund

I. Economic Assumptions

A. General Inflation – General inflation is assumed to be 3.00% per year.

B. Discount/Crediting Rates

1. System-wide investment return assumption: 7.00% per year, compounded annually, composed of an assumed 3.00% inflation rate and a 4.00% net real rate of return. This rate represents the assumed return, net of all investment and administrative expenses.
2. Assumed discount/crediting rate for guaranteed asset pools (Current Service Annuity Reserve Fund (CSARF), ESF, Supplemental Disability Benefits Fund): an annual rate of 5.00% for (1) accumulating prior service credit and updated service credit after the valuation date, (2) accumulating the employee current service balances, (3) determining the amount of the monthly benefit at future dates of retirement or disability, and (4) calculating the actuarial liability of the system-wide CSARF and of the system-wide Supplemental Disability Benefits Fund.
3. Assumed discount/crediting rate for individual employer MAF valuations: an annual rate of 7.50% for calculating the actuarial liability and the contribution rates for the retirement plan of each participating city. The 7.50% is derived from the expectation that the assumed 7.00% earnings on the total fund will outpace the long term crediting rate to the CSARF and ESF funds, enabling the MAF crediting rates to exceed the average return of the fund.

C. Overall Payroll Growth – 3.00% per year, which is used to calculate the contribution rates for the retirement plan of each participating city as a level percentage of payroll. This represents the expected increase in total payroll. This increase rate is solely due to the effect of wage inflation on salaries, with no allowance for future membership growth.

Summary of Actuarial Assumptions (Pension Trust Fund)

CONTINUED

D. Individual Salary Increases – Salary increases are assumed to occur once a year, on January 1. Therefore, the pay used for the period year following the valuation date is equal to the reported pay for the prior year, increased by the salary increase assumption.

| Age | Rate (%) |
|-----------|----------|
| 20 | 5.25 |
| 25 | 5.25 |
| 30 | 5.25 |
| 35 | 5.00 |
| 40 | 4.50 |
| 45 | 4.50 |
| 50 | 4.00 |
| 55 | 4.00 |
| 60 | 3.75 |
| 65 & over | 3.50 |

The above age-related rates are assumed for service with more than 10 years of service. For participants with 10 years of service or less, salaries are assumed to increase by the following graduated scale:

| Years of Service | Rate (%) |
|------------------|----------|
| 0 - 1 | 12.00 |
| 1 - 2 | 9.00 |
| 2 - 3 | 7.00 |
| 3 - 4 | 7.00 |
| 4 - 5 | 6.00 |
| 5 - 6 | 6.00 |
| 6 - 7 | 5.50 |
| 7 - 8 | 5.50 |
| 8 - 9 | 5.50 |
| 9 - 10 | 5.50 |

E. Annuity Increases — The Consumer Price Index (CPI) is assumed to be 3.0% per year prospectively. Annuity Increases, when applicable, are 30%, 50%, or 70% of CPI, according to the provisions adopted by each city.



Summary of Actuarial Assumptions (Pension Trust Fund)

CONTINUED

II. Demographic Assumptions

A. Withdrawal Rates (withdrawal of member deposits from TMRS)

1. For the first 20 years of service, the rates vary by gender, length of service (duration), and withdrawal group assignments (one for each gender). A sample of the rates follows:

| Duration | Male | | | | | Female | | | | |
|----------|------|---------|------|----------|------|--------|---------|------|----------|------|
| | Low | Mid-Low | Mid | Mid-High | High | Low | Mid-Low | Mid | Mid-High | High |
| 0 | .184 | .230 | .299 | .351 | .403 | .186 | .233 | .308 | .358 | .408 |
| 3 | .078 | .101 | .130 | .158 | .184 | .104 | .135 | .166 | .187 | .207 |
| 6 | .044 | .064 | .090 | .105 | .119 | .060 | .088 | .104 | .116 | .128 |
| 9 | .027 | .039 | .056 | .068 | .080 | .034 | .050 | .058 | .072 | .085 |
| 12 | .020 | .025 | .034 | .042 | .050 | .016 | .021 | .038 | .044 | .050 |
| 15 | .014 | .018 | .022 | .029 | .035 | .011 | .014 | .023 | .026 | .029 |
| 18 | .013 | .016 | .017 | .019 | .021 | .090 | .011 | .013 | .015 | .016 |

2. After 20 years of service, the rates vary by gender and by the size of the municipality.

| | 500 or More Contributing Members | Fewer Than 500 Contributing Members |
|--------|-------------------------------------|--|
| Male | .004 | .008 |
| Female | .004 | .005 |

Withdrawal rates end at first eligibility for retirement.

B. Turnover Rates (leaving employment after becoming vested, without withdrawing member deposits)

1. For the first 20 years of service, the rates vary by gender, length of service (duration), and withdrawal group assignments (one for each gender). A sample of the rates follows:

| Duration | Male | | | | | Female | | | | |
|----------|------|---------|------|----------|------|--------|---------|------|----------|------|
| | Low | Mid-Low | Mid | Mid-High | High | Low | Mid-Low | Mid | Mid-High | High |
| 5 | .029 | .035 | .041 | .047 | .053 | .042 | .051 | .060 | .069 | .078 |
| 8 | .026 | .031 | .035 | .040 | .045 | .037 | .044 | .051 | .058 | .065 |
| 11 | .023 | .026 | .030 | .033 | .037 | .032 | .037 | .042 | .048 | .053 |
| 14 | .020 | .022 | .024 | .026 | .029 | .027 | .030 | .034 | .037 | .040 |
| 17 | .017 | .018 | .019 | .020 | .020 | .022 | .024 | .025 | .026 | .027 |

Summary of Actuarial Assumptions (Pension Trust Fund)

CONTINUED

2. After 20 years of service, the rates vary by the size of the municipality.

| | 500 or More Contributing Members | Fewer Than 500 Contributing Members |
|--------|-------------------------------------|--|
| Male | .010 | .020 |
| Female | .010 | .020 |

Turnover rates end at first eligibility for retirement.

C. Pre-Retirement Mortality Rates — sex-distinct RP2000 combined healthy mortality table with a one-year setback to the male rates and no adjustment to the female rates. Sample rates follow:

| Age | Male | Female |
|-----|---------|---------|
| 20 | .000331 | .000191 |
| 25 | .000376 | .000207 |
| 30 | .000412 | .000264 |
| 35 | .000702 | .000475 |
| 40 | .001021 | .000706 |
| 45 | .001397 | .001124 |
| 50 | .001995 | .001676 |
| 55 | .003196 | .002717 |
| 60 | .005945 | .005055 |
| 65 | .011280 | .009706 |

D. Disability Rates

| Age | Male | Female |
|-----|---------|---------|
| 30 | .000095 | .000043 |
| 35 | .000265 | .000131 |
| 40 | .000673 | .000359 |
| 45 | .001295 | .000754 |
| 50 | .002082 | .001333 |
| 55 | .003061 | .002178 |



Summary of Actuarial Assumptions (Pension Trust Fund)

CONTINUED

E. Service Retirement Rates (applied to both active and inactive members)

| Age | Male | | | Female | | |
|-------------|-------------------|------------|------------------|-------------------|------------|------------------|
| | Entry Age Groups | | | Entry Age Groups | | |
| | Ages 32 and under | Ages 33-47 | Ages 48 and over | Ages 32 and under | Ages 33-47 | Ages 48 and over |
| 40-44 | .060 | - | - | .060 | - | - |
| 45-49 | .060 | - | - | .060 | - | - |
| 50-52 | .080 | - | - | .080 | - | - |
| 53 | .080 | .100 | - | .080 | .100 | - |
| 54 | .080 | .100 | - | .110 | .100 | - |
| 55-59 | .140 | .100 | - | .110 | .100 | - |
| 60 | .200 | .150 | .100 | .140 | .150 | .100 |
| 61 | .250 | .300 | .200 | .280 | .260 | .200 |
| 62 | .320 | .250 | .120 | .280 | .170 | .120 |
| 63 | .320 | .230 | .120 | .280 | .170 | .120 |
| 64 | .320 | .350 | .200 | .280 | .220 | .200 |
| 65 | .320 | .320 | .200 | .280 | .270 | .200 |
| 66-69 | .220 | .220 | .170 | .220 | .220 | .170 |
| 70-74 | .200 | .220 | .250 | .220 | .220 | .250 |
| 75 and over | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

Note: For cities without a 20-year/any age retirement provision, the rates for entry ages 32 and under are loaded by 20% for ages below 60.

F. Service Retiree and Beneficiary Mortality Rates

1. For calculating the actuarial liability and the retirement contribution rates, the sex-distinct RP2000 Combined Healthy Mortality Table with no adjustment to the male rates and a one-year setforward for the female rates
2. For determining the amount of the monthly retirement benefit at the time of retirement, the UP-1984 Table with an age setback of two years for retirees and an age setback of eight years for beneficiaries

G. Disabled Annuitant Mortality Rates

1. For calculating the actuarial liability and the retirement contribution rates, the sex-distinct RP2000 Disabled Retiree Mortality Table with a four-year setback for male rates and no adjustment for female rates
2. For determining the amount of monthly retirement benefit at the time of retirement, the UP-1984 Table with an age setback of two years for retirees and an age setback of eight years for beneficiaries

III. Methods and Assumptions

- A. Valuation of Assets** — TMRS historically has operated under a long-term, buy and hold philosophy, maintaining a predominantly bond portfolio. The actuarial value of assets is adjusted cost for bonds (original cost adjusted for amortization of premium or accrual of discount) and cost for short-term securities and equity index funds, which is the same as book value.
- B. Small City Methodology** — For cities with fewer than three employees, more conservative methods and assumptions are used. These effectively shorten the amortization period to be the average service years remaining, and the normal cost has a minimum applied based on the deposit ratio and employer match.
- C. Actuarial Cost Method** — The actuarial cost method being used is known as the Projected Unit Credit actuarial cost method. The Projected Unit Credit actuarial cost method develops the annual cost of the Plan in two parts: that attributable to benefits accruing in the current year, known as the normal cost, and that due to service earned prior to the current year, known as the amortization of the unfunded actuarial accrued liability. The normal cost and the actuarial accrued liability are calculated individually for each member. The normal cost is the present value of the portion of projected benefits that is attributable to service accrued in the current year. The unfunded actuarial liability reflects the difference between the portion of projected benefits attributable to service credited prior to the valuation date and assets already accumulated. The unfunded actuarial accrued liability is paid off in accordance with a specified amortization procedure. For cities with three or more employees, the amortization as of the valuation date is a level percentage of payroll over a closed period of either 25 or 30 years from January 1, 2008.

Under the Projected Unit Credit actuarial cost method, if actual plan experience is close to assumptions, the normal cost will increase each year for each employee as he or she approaches retirement age. However, if the age/service/gender characteristics of the active group remain constant, the total normal cost can be expected to remain somewhat level as a percentage of payroll. The total contribution is made up of the sum of the individual normal costs and the amortization payment on the unfunded actuarial accrued liability.

Definitions (Pension Trust Fund)

- 1. Actuarial gain (loss)** — A measure of the difference between actual experience and that expected based upon the actuarial assumptions, during the period between two actuarial valuation dates, as determined in accordance with the actuarial cost method used.
- 2. Actuarial accrued liability** — The actuarial present value of benefits attributable to all periods prior to the valuation date.
- 3. Actuarial present value** — The value of an amount or series of amounts payable or receivable at various times, determined as of a given date (the valuation date) by the application of the actuarial assumptions.
- 4. 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.



Definitions (Pension Trust Fund)

CONTINUED

5. **Amortization period** — The period over which the existing unfunded or overfunded actuarial accrued liability is projected to be paid off, as a level percentage of payroll. Previously, this was an open, 25-year period. Effective with the December 31, 2007 valuation, the period is closed. In addition, for cities experiencing an increase in rate of more than 0.5% of pay due to the assumption and funding method changes, the period has been extended from 25 to 30 years.
6. **Annual required contributions (ARC)** — The employer's periodic required contributions to the defined benefit pension plan, calculated in accordance with GASB parameters under Statement 25.
7. **Average age of contributing members** — The average attained age as of the valuation date.
8. **Average length of service of contributing members** — The average length of total credited service in TMRS as of the valuation date.
9. **Current service benefits** — Benefits attributable to the member's accumulated deposits and an amount provided by the municipality at retirement to match the accumulated deposits at the matching ratio in effect when the deposits were made.
10. **Funded ratio** — The actuarial value of assets expressed as a percentage of the actuarial accrued liability.
11. **Funding policy** — The program for the amounts and timing of contributions to be made by plan members and employers to provide the benefits specified by a pension plan.
12. **Normal cost contribution rate** — The actuarial present value of benefits allocated to a valuation year by the actuarial cost method, expressed as a percentage of the covered payroll. It is equal to the sum of the actuarial present value of benefits allocated to the year following the valuation date divided by the compensation expected to be received during the next year for the closed group of members as of the valuation date.
13. **Overfunded actuarial accrued liability** — The excess of assets over the actuarial liability.
14. **Phase-in rate** — Some cities experienced a significant increase in their calculated contribution rate due to actuarial assumption and method changes in the 2007 and 2008 valuation. The full rate less one-eighth of the increase from 2007 and one-seventh of the increase from 2008 is the phase-in rate, which is also called the minimum contribution rate.
15. **Prior service benefits** — Benefits other than current service benefits. These include all benefits arising from prior service credits, special prior service credits, antecedent service credits, updated service credits, and increases in monthly benefit payments to annuitants (also referred to as annuity increases, or AI).
16. **Prior service contribution rate** — The level percentage of payroll required to amortize the unfunded or overfunded actuarial liability over a specified amortization period. If the rate is negative, it is offset against the normal cost contribution rate, with the limitation that the sum of the two rates cannot be negative.
17. **Projected Unit Credit actuarial cost method** — A method under which the benefits of each individual included in the valuation are allocated by a consistent formula to valuation years based on years of service. Benefits are allocated equally to each year of service over the individual's career from hire to retirement. Normal costs are based on the portion of the benefit allocated to the year following the valuation year. Accrued liabilities are based on benefits allocated to the time preceding the date of the actuarial valuation. Under this method, actuarial gains (or losses), as they occur, reduce (or increase) the unfunded actuarial liability.
18. **Retirement contribution rate** — The sum of the normal cost contribution rate and the prior service contribution rate.
19. **Unfunded actuarial accrued liability** — The excess of the actuarial accrued liability over the actuarial value of assets.
20. **Unit Credit actuarial cost method** — A method under which the benefits of each individual included in the valuation are allocated by a consistent formula to valuation years. Current service benefits are a function of a member's deposits, and are allocated to the year in which deposits are made. Prior service benefits are allocated to the time preceding the date of the actuarial valuation. Under this method, actuarial gains (or losses), as they occur, reduce (or increase) the unfunded actuarial accrued liability.



Participating Employers & Active Members (Pension Trust Fund)

| Valuation Date | Number of Active Cities | Contributing Members | | | |
|----------------|-------------------------|----------------------|------------------|--------------------|-----------------------------|
| | | Number | Annual Payroll | Average Annual Pay | Percent Increase in Average |
| 12/31/2003 | 789 | 90,930 | \$ 3,426,579,443 | \$ 37,828 | 2.9 % |
| 12/31/2004 | 797 | 92,154 | 3,580,260,829 | 39,111 | 3.4 |
| 12/31/2005 | 806 | 93,780 | 3,721,948,875 | 40,035 | 2.4 |
| 12/31/2006 | 816 | 95,583 | 3,949,180,835 | 41,710 | 4.2 |
| 12/31/2007 | 823 | 98,440 | 4,221,290,731 | 43,513 | 4.3 |
| 12/31/2008 | 829 | 100,459 | 4,591,569,069 | 45,706 | 5.0 |

As of December 31, 2008, there were three cities with no contributing members and no city contributions due. In addition, one privatized hospital had no contributing members, but paid a dollar contribution amount to TMRS that is calculated annually by the actuary. Thus, there were 833 total city plans, with 829 of them active.

The average annual pay was calculated by dividing the annual payroll by the average of the number of contributing members at the beginning and the end of the year.

Retiree and Beneficiary Data (Pension Trust Fund)

| Year Ended | Added to Rolls | | Removed from Rolls | | End of Year | | % Increase in Annual Benefit | Average Annual Benefit |
|------------|--------------------|----------------|--------------------|----------------|--------------------|----------------|------------------------------|------------------------|
| | Number of Accounts | Annual Benefit | Number of Accounts | Annual Benefit | Number of Accounts | Annual Benefit | | |
| 12/31/2003 | 2,368 | \$ 36,415,646 | 459 | \$ 7,413,514 | 25,287 | \$ 345,276,209 | 11.9 % | \$ 13,654 |
| 12/31/2004 | 2,500 | 38,465,647 | 514 | 8,571,576 | 27,273 | 385,229,648 | 11.6 | 14,125 |
| 12/31/2005 | 3,245 * | 43,217,805 | 548 | 5,624,311 | 29,970 | 431,414,692 | 12.0 | 14,395 |
| 12/31/2006 | 2,834 | 42,869,323 | 629 | 6,559,422 | 32,175 | 477,661,259 | 10.7 | 14,846 |
| 12/31/2007 | 2,933 | 44,549,919 | 598 | 6,241,842 | 34,510 | 523,995,541 | 9.7 | 15,184 |
| 12/31/2008 | 2,962 | 59,560,238 | 609 | 6,232,194 | 36,863 | 577,323,585 | 10.2 | 15,656 |

The number of retirement accounts is greater than the number of people who retired, as some retirees worked for more than one city in TMRS and retired with a separate benefit from each city. As of December 31, 2008, there were 3,001 more retirement accounts than people who retired. In addition, this schedule excludes 261 retirees with a “cash-out” in lieu of a monthly benefit. These individuals are still entitled to supplemental death benefits.

The annual benefit is 12 times the amount payable in January following the valuation date, including any annuity increase, if applicable.

* The number of accounts added to the rolls in 2005 included 619 alternate recipients of benefits as a result of Qualified Domestic Relations Orders (QDROs). Previously these were not treated as separate accounts for valuation purposes, and the benefits were included with the participant benefits. The annual benefit amounts added to the rolls do not include any additional monies resulting from these QDROs.



Summary of Actuarial Liabilities & Funding Progress (Pension Trust Fund)

(Amounts in Millions of Dollars)

| Annual Report Year | Actuarial Value of Assets | Actuarial Accrued Liability (AAL) | Funded Ratio (1) / (2) | Unfunded AAL (UAAL) (2) - (1) | Covered Payroll | UAAL as a Percentage of Covered Payroll (4) / (5) | City Contributions | Average City Rate (7) / (5) |
|--------------------|---------------------------|-----------------------------------|------------------------|-------------------------------|-----------------|---|--------------------|-----------------------------|
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
| 2003 * | \$ 10,815.1 | \$ 13,100.1 | 82.6 % | \$ 2,285.0 | \$ 3,426.6 | 66.7 % | \$ 371.3 | 10.8 % |
| 2004 | 11,619.1 | 14,036.9 | 82.8 | 2,417.8 | 3,580.3 | 67.5 | 401.4 | 11.2 |
| 2005 | 12,486.1 | 15,095.2 | 82.7 | 2,609.1 | 3,721.9 | 70.1 | 446.3 | 12.0 |
| 2006 | 13,312.7 | 16,219.7 | 82.1 | 2,907.0 | 3,949.2 | 73.6 | 470.7 | 11.9 |
| 2007 * | 14,203.3 | 19,278.8 | 73.7 | 5,075.5 | 4,221.3 | 120.2 | 512.9 | 12.2 |
| 2008 | 15,149.7 | 20,360.8 | 74.4 | 5,211.1 | 4,591.6 | 113.5 | 567.2 | 12.4 |

The funded percentage dropped significantly in 2007 due to a change in funding method adopted by the Board of Trustees to prefund for annually repeating updated service credits and annuity increases.

Each city participating in TMRS is financially responsible for its own plan. Therefore, the aggregate numbers shown above reflect only the aggregate condition of TMRS and do not indicate the status of any one plan.

The actuarial value of assets for 2008 in column (1) above excludes the unrealized depreciation or loss in fair value of investments of \$495.2 million.

Columns (1) and (2) also include the assets and liabilities of the Current Service Annuity Reserve Fund (CSARF) and the Supplemental Disability Benefit Fund (Supp. Disab.), respectively. As of December 31, 2008, these amounts were (in millions):

| | CSARF | Supp. Disab. |
|-------------|-----------|--------------|
| Assets | \$5,141.2 | \$0.94 |
| Liabilities | 5,227.6 | 0.86 |

* New actuarial assumptions were used in the December 31, 2003 valuation, and effective December 31, 2007, the assumptions were modified again, along with a change in the actuarial funding method.

Funded Portion of Actuarial Liabilities by Type (Pension Trust Fund)

| (Amounts in Millions of Dollars) | | | | | | | |
|----------------------------------|------------------------------|----------------------------|---|-----------------------------------|--|---------|--------|
| Valuation Date | Actuarial Liabilities for | | | Net Assets Available for Benefits | Portion of Actuarial Liabilities Covered by Net Assets | | |
| | (1) | (2) | (3) | | (1) | (2) | (3) |
| | Current Member Contributions | Retirees and Beneficiaries | Current Members (Employer-financed Portion) | | | | |
| 12/31/2003 | \$ 3,120.8 | \$ 4,050.7 | \$ 5,928.6 | \$ 10,815.1 | 100.0 % | 100.0 % | 61.5 % |
| 12/31/2004 | 3,309.3 | 4,579.6 | 6,148.0 | 11,619.1 | 100.0 | 100.0 | 60.7 |
| 12/31/2005 | 3,453.9 | 5,121.3 | 6,520.0 | 12,486.1 | 100.0 | 100.0 | 60.0 |
| 12/31/2006 | 3,625.0 | 5,675.3 | 6,919.4 | 13,312.7 | 100.0 | 100.0 | 58.0 |
| 12/31/2007 | 3,784.2 | 7,201.5 | 8,293.1 | 14,203.3 | 100.0 | 100.0 | 38.8 |
| 12/31/2008 | 3,968.0 | 7,550.3 | 8,842.5 | 15,149.7 | 100.0 | 100.0 | 41.1 |

The financing objective for each TMRS plan is to finance long-term benefit promises through contributions that remain approximately level from year to year as a percentage of the city's payroll. If the contributions to each plan are level in concept and soundly executed, each plan will pay all promised benefits when due — the ultimate test of financial soundness. Testing for level contribution rates is the long-term test.

Presented above is one short-term means of checking a system's progress under its funding program. The present assets are compared with: (1) current member contributions on deposit; (2) the liabilities for future benefits to present retired lives; and (3) the employer-financed portion of the liabilities for service already rendered by current members. In a system that has been following the discipline of level percentage of payroll financing, the liabilities for current member contributions on deposit (liability 1) and the liabilities for future benefits to present retired lives (liability 2) will be fully covered by present assets (except in rare circumstances). In addition, the employer-financed portion of liabilities for service already rendered by current members (liability 3) will be at least partially covered by the remainder of present assets. Generally, if a system has been using level cost financing, and if there are no changes in the plans of benefits, actuarial assumptions, or methods, the funded portion of liability 3 will increase over time, although it is uncommon for it to be fully funded.

Each city participating in TMRS is financially responsible for its own plan. Therefore, the aggregate numbers shown above reflect only the aggregate condition of TMRS and do not indicate the status of any one plan.



Contribution Rate Information (Pension Trust Fund)

| Distribution of Cities by Total 2010 Contribution Rate (Prior to Phase-In) | | | | | | | | | | |
|--|----------------|-----------------|-----------------|------------------|-------------------|-------------------|-------------------|-------------------|----------------|-------|
| 2010 City Total Calculated Retirement Contribution Rate Based on the Plan of Benefits in Effect on February 1, 2009 | | | | | | | | | | |
| Number of Contributing Members as of 12/31/2008 | Under 3.00% | 3.00 - 5.49% | 5.50 - 7.99% | 8.00 - 10.49% | 10.50 - 12.99% | 13.00 - 15.49% | 15.50 - 17.99% | 18.00 - 20.49% | Over 20.49% | Total |
| 1 - 5 | 21 | 25 | 21 | 9 | 8 | 4 | 1 | 1 | 3 | 93 |
| 6 - 10 | 37 | 32 | 24 | 11 | 5 | 1 | 5 | 1 | 4 | 120 |
| 11 - 20 | 24 | 34 | 38 | 15 | 14 | 6 | 9 | 4 | 2 | 146 |
| 21 - 40 | 11 | 24 | 26 | 27 | 11 | 9 | 7 | 6 | 5 | 126 |
| 41 - 70 | 1 | 8 | 12 | 18 | 14 | 16 | 12 | 5 | 4 | 90 |
| 71 - 100 | - | 2 | 3 | 14 | 12 | 9 | 8 | 4 | 7 | 59 |
| 101 - 150 | 1 | 1 | 8 | 4 | 19 | 9 | 9 | 8 | 3 | 62 |
| 151 - 250 | - | 2 | 1 | 2 | 8 | 8 | 13 | 6 | 4 | 44 |
| 251 - 750 | - | - | 1 | 2 | 6 | 12 | 10 | 15 | 15 | 61 |
| OVER 750 | - | - | 2 | 1 | 1 | 2 | 5 | 7 | 10 | 28 |
| TOTAL | 95 | 128 | 136 | 103 | 98 | 76 | 79 | 57 | 57 | 829 |

Contribution Rate Information (Pension Trust Fund)

CONTINUED

| Comparison of the Rate Calculated in the Valuation to the Rate for the Same Plan of Benefits Based on the Valuation for the Previous Year | | | | |
|---|------------------------------|--|------------------------------|-------|
| Number of Cities | | | | |
| Valuation Date | Decrease of 0.50% or More | Decrease or Increase of Less Than 0.50% | Increase of 0.50% or More | Total |
| 12/31/2003(O) | 68 | 542 | 179 | 789 |
| 12/31/2003(N) | 48 | 370 | 371 | 789 |
| 12/31/2004 | 176 | 517 | 104 | 797 |
| 12/31/2005 | 100 | 575 | 131 | 806 |
| 12/31/2006 | 97 | 556 | 163 | 816 |
| 12/31/2007(O) | 119 | 582 | 122 | 823 |
| 12/31/2007(N) | 184 | 145 | 494 | 823 |
| 12/31/2007(P) | 211 | 365 | 247 | 823 |
| 12/31/2008 | 131 | 338 | 360 | 829 |

The financing objective for each TMRS plan is to finance long-term benefit promises through contributions that remain approximately level from year to year as a percentage of the city's payroll. To test how well the financing objective is being achieved, an actuarial valuation is made each year to determine the city's contribution rate for the calendar year beginning one year after the valuation date, which is then compared to the prior year's rate.

Another important test is made periodically to evaluate the actuarial assumptions used to calculate each city's contribution rate. As a result of the 2003-2006 study of actuarial experience, new actuarial assumptions were adopted by the Board of Trustees, effective with the December 31, 2007 valuation.

Also effective with the December 31, 2007 valuation, the actuarial funding method was changed to the Projected Unit Credit actuarial cost method, which fully recognizes annually repeating updated service credit and annuity increases for cities adopting these provisions. Previously the impact of the annual increases was recognized as it occurred. In order to prevent burdensome cost increases as a consequence of the revisions in actuarial assumptions and method, an eight-year phase-in of the increase attributable to assumption changes was implemented for cities with increases of 0.5% or more.

The line above indicated as 12/31/2003(O) shows a summary of what the changes in the cities' contribution rates from 2004 to 2005 would have been if the old assumptions had been used. Line 12/31/2003(N) shows the changes with the new assumptions. Similarly, the line above indicated as 12/31/2007(O) shows a summary of what the changes in the cities' contribution rates from 2008 to 2009 would have been if the old assumptions and funding method had been used. Line 12/31/2007(N) shows the changes with the new assumptions and funding method. Line 12/31/2007(P) provides the changes after the eight-year phase-in adjustments.



Summary of Actuarial Valuation Results (Pension Trust Fund)

| | December 31, 2008 | December 31, 2007 |
|--|-----------------------|-----------------------|
| Valuation Results for Employer Plans | | |
| 1. Actuarial accrued liability | | |
| Annuitants | \$ 2,322,717,215 | \$ 2,426,842,045 |
| Members | <u>12,809,609,506</u> | <u>12,077,260,737</u> |
| Total | 15,132,326,721 | 14,504,102,782 |
| 2. Actuarial value of assets | | |
| Employees Saving Fund | 3,968,015,269 | 3,784,248,652 |
| Municipality Accumulation Fund | 5,431,371,022 | 5,205,426,308 |
| Endowment Fund | 595,032,830 | 494,749,575 |
| Expense Fund | <u>13,098,578</u> | <u>16,271,972</u> |
| Total | <u>10,007,517,699</u> | <u>9,500,696,507</u> |
| 3. Total unfunded actuarial accrued liability (UAAL) [1 - 2] | 5,124,809,022 | 5,003,406,275 |
| Valuation Results for Pooled Benefits | | |
| 4. Actuarial present value of future benefits from the Current Service Annuity Reserve Fund (CSARF) for annuities in effect | 5,227,614,992 | 4,773,726,153 |
| 5. Actuarial value of assets of the CSARF | <u>5,141,243,171</u> | <u>4,701,566,980</u> |
| 6. UAAL in CSARF [4 - 5] | 86,371,821 | 72,159,173 |
| 7. Actuarial present value of future benefits from the Supplemental Disability Benefits Fund for annuities in effect | 856,172 | 944,667 |
| 8. Actuarial value of assets of the Supplemental Disability Benefits Fund | <u>937,319</u> | <u>1,002,362</u> |
| 9. Overfunded actuarial accrued liability (OAAL) in Supplemental Disability Benefits Fund [7 - 8] | <u>(81,147)</u> | <u>(57,695)</u> |
| 10. Systemwide UAAL net of OAAL [3 + 6 + 9] | \$ 5,211,099,695 | \$ 5,075,507,753 |



Gabriel Roeder Smith & Company
Consultants & Actuaries

April 30, 2009

Board of Trustees
Texas Municipal Retirement System
Austin, Texas

Dear Trustees:

Gabriel, Roeder, Smith & Company has performed an actuarial valuation for the Supplemental Death Benefits Fund which is administered by the Texas Municipal Retirement System ("TMRS") for the purposes of complying with Governmental Accounting Standards Board ("GASB") Statement No. 43. The actuarial assumptions and funding method used for this valuation were initially developed from an actuarial investigation of the experience of TMRS over the four years 2003-2006 performed by The Segal Company, the System's prior actuary. They were adopted in 2007 by the Board of Trustees and first used in the December 31, 2007 actuarial valuation as prepared by The Segal Company.

It is our opinion that the recommended assumptions and methods are internally consistent and are reasonably based upon the past and anticipated long-term future experience of the System. Assumptions and methods were modified as needed for accounting purposes to conform to the requirements for disclosure as set forth in Governmental Accounting Standards Board Statement No. 43. We provided the information used in the supporting schedules in the Actuarial Section as well as portions of the Notes to the Financial Statements and the Required Supplementary Information in the Financial Section of the CAFR.

The results of the actuarial valuation are dependent on the actuarial assumptions used. Actual results can and almost certainly will differ, as actual experience deviates from the assumptions. Even seemingly minor changes in the assumptions can materially change the liabilities and calculated contribution rates.

The TMRS Supplemental Death Benefits Fund is an optional cost-sharing multiple-employer defined benefit group life insurance plan. It provides death benefits to both active and retired members. Each participating municipality can elect to cover just active members, or active and retired members. A supplemental death contribution rate is determined annually for each participating municipality as a percentage of that city's covered payroll. The contribution rate finances the expected benefit payments each year on a pay-as-you-go basis. However, this method does not meet the parameters under GASB 43/45. Therefore, for purposes of meeting the GASB financial reporting requirements, retiree benefits are evaluated using the projected unit credit actuarial cost method for determining the OPEB cost. To the extent that experience differs from what is expected, the pooled assets of the Supplemental Death Benefits Fund act as a reserve. Since the benefit from this Fund is a flat dollar amount, not subject to inflationary factors, and since the asset reserve is adequate to cover adverse experience, we believe that the pay-as-you-go funding approach is reasonable and appropriate.



Board of Trustees
April 30, 2009
Page 2

The employer contribution rates for the municipalities participating in the TMRS Supplemental Death Benefits Fund are certified annually by the Board of Trustees. These rates are determined actuarially, based on the plan provisions in effect as of February 1, 2009 and the actuarial assumptions and methodology adopted by the Board. The Board's current policy is that the contribution rates determined by a given actuarial valuation become effective one (1) year after the valuation date. For example, the rates determined by the December 31, 2008 actuarial valuation will be applicable for the calendar year beginning January 1, 2010 and ending December 31, 2010.

The TMRS staff supplied all of the member data and annuitant data for active and retired members as of December 31, 2008. We did not audit this data, but we did apply a number of tests to the data and we concluded that it was reasonable and consistent with the prior year's data. The TMRS staff also supplied all of the asset data and financial information as of December 31, 2008. The amounts of the assets in the actuarial valuations agree with the amounts as reported by TMRS.

All of our work conforms with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board. In our opinion, our calculations also comply with the requirements of the TMRS Act and, where applicable, the Internal Revenue Code and the Statements of the Governmental Accounting Standards Board.

The undersigned are independent actuaries and consultants. Both are Members of the American Academy of Actuaries, both meet the Qualification Standards of the American Academy of Actuaries, and both are experienced in performing valuations for large public retirement systems.

Respectfully submitted,

Mark R. Randall, MAAA, FCA, EA
Executive Vice President & Senior Consultant

Joseph P. Newton, MAAA, FSA, EA
Senior Consultant

Summary of Actuarial Assumptions (Supplemental Death Benefits Fund)

The actuarial assumptions were initially developed from an actuarial investigation of the experience of TMRS over the four years 2003-2006 performed by The Segal Company. They were adopted in 2007 and first used in the December 31, 2007 actuarial valuation as prepared by The Segal Company. In addition, Gabriel Roeder Smith & Company recommended three new assumptions that were adopted by the Board of Trustees in December 2008, which were implemented with the December 31, 2008 actuarial valuation (the new assumptions are listed in the Summary of Actuarial Assumptions – Pension Trust Fund.) Of those new assumptions, the following is applicable for the Supplemental Death Benefits Fund:

- Salary scale assumption be applied immediately instead of a one year delay

I. Economic Assumptions

- A. **General Inflation** – General inflation is assumed to be 3.00% per year.
- B. **Discount/Crediting Rates** – 4.25% per year, compounded annually, derived as a blend of 5.0% for the portion of the benefits financed by advance funding contributions and a short-term interest rate for the portion of the benefits financed by current contributions.
- C. **Overall Payroll Growth** – 3.00% per year, which is used to calculate the contribution rates for the retirement plan of each participating city as a level percentage of payroll. This represents the expected increase in total payroll. This increase rate is solely due to the effect of wage inflation on salaries, with no allowance for future membership growth.
- D. **Individual Salary Increases** – Salary increases are assumed to occur once a year, on January 1. Therefore, the pay used for the period year following the valuation date is equal to the reported pay for the prior year, increased by the salary increase assumption.

| Age | Rate (%) |
|-----------|----------|
| 20 | 5.25 |
| 25 | 5.25 |
| 30 | 5.25 |
| 35 | 5.00 |
| 40 | 4.50 |
| 45 | 4.50 |
| 50 | 4.00 |
| 55 | 4.00 |
| 60 | 3.75 |
| 65 & over | 3.50 |



Summary of Actuarial Assumptions (Supplemental Death Benefits Fund)

CONTINUED

The above age-related rates are assumed for plan participants with more than 10 years of service. For participants with 10 years of service or less, salaries are assumed to increase by the following graduated scale:

| Years of Service | Rate (%) |
|------------------|----------|
| 0 - 1 | 12.00 |
| 1 - 2 | 9.00 |
| 2 - 3 | 7.00 |
| 3 - 4 | 7.00 |
| 4 - 5 | 6.00 |
| 5 - 6 | 6.00 |
| 6 - 7 | 5.50 |
| 7 - 8 | 5.50 |
| 8 - 9 | 5.50 |
| 9 - 10 | 5.50 |

II. Demographic Assumptions

A. Withdrawal Rates (withdrawal of member deposits from TMRS)

- For the first 20 years of service, the rates vary by gender, length of service (duration), and withdrawal group assignments (one for each gender). A sample of the rates follows:

| Duration | Male | | | | | Female | | | | |
|----------|------|---------|------|----------|------|--------|---------|------|----------|------|
| | Low | Mid-Low | Mid | Mid-High | High | Low | Mid-Low | Mid | Mid-High | High |
| 0 | .184 | .230 | .299 | .351 | .403 | .186 | .233 | .308 | .358 | .408 |
| 3 | .078 | .101 | .130 | .158 | .184 | .104 | .135 | .166 | .187 | .207 |
| 6 | .044 | .064 | .090 | .105 | .119 | .060 | .088 | .104 | .116 | .128 |
| 9 | .027 | .039 | .056 | .068 | .080 | .034 | .050 | .058 | .072 | .085 |
| 12 | .020 | .025 | .034 | .042 | .050 | .016 | .021 | .038 | .044 | .050 |
| 15 | .014 | .018 | .022 | .029 | .035 | .011 | .014 | .023 | .026 | .029 |
| 18 | .013 | .016 | .017 | .019 | .021 | .090 | .011 | .013 | .015 | .016 |

- After 20 years of service, the rates vary by gender and by the size of the municipality.

| | 500 or More Contributing Members | Fewer Than 500 Contributing Members |
|--------|-------------------------------------|--|
| Male | .004 | .008 |
| Female | .004 | .005 |

Withdrawal rates end at first eligibility for retirement.



B. Turnover Rates (leaving employment after becoming vested, without withdrawing member deposits)

1. For the first 20 years of service, the rates vary by gender, length of service (duration), and withdrawal group assignments (one for each gender). A sample of the rates follows:

| Duration | Male | | | | | Female | | | | |
|----------|------|---------|------|----------|------|--------|---------|------|----------|------|
| | Low | Mid-Low | Mid | Mid-High | High | Low | Mid-Low | Mid | Mid-High | High |
| 5 | .029 | .035 | .041 | .047 | .053 | .042 | .051 | .060 | .069 | .078 |
| 8 | .026 | .031 | .035 | .040 | .045 | .037 | .044 | .051 | .058 | .065 |
| 11 | .023 | .026 | .030 | .033 | .037 | .032 | .037 | .042 | .048 | .053 |
| 14 | .020 | .022 | .024 | .026 | .029 | .027 | .030 | .034 | .037 | .040 |
| 17 | .017 | .018 | .019 | .020 | .020 | .022 | .024 | .025 | .026 | .027 |

2. After 20 years of service, the rates vary by the size of the municipality.

| | 500 or More Contributing Members | Fewer Than 500 Contributing Members |
|--------|-------------------------------------|--|
| Male | .010 | .020 |
| Female | .010 | .020 |

Turnover rates end at first eligibility for retirement.

C. Pre-Retirement Mortality Rates – sex-distinct RP2000 combined healthy mortality table with a one-year setback to the male rates and no adjustment to the female rates. Sample rates follow:

| Age | Male | Female |
|-----|---------|---------|
| 20 | .000331 | .000191 |
| 25 | .000376 | .000207 |
| 30 | .000412 | .000264 |
| 35 | .000702 | .000475 |
| 40 | .001021 | .000706 |
| 45 | .001397 | .001124 |
| 50 | .001995 | .001676 |
| 55 | .003196 | .002717 |
| 60 | .005945 | .005055 |
| 65 | .011280 | .009706 |



Summary of Actuarial Assumptions (Supplemental Death Benefits Fund)

CONTINUED

D. Disability Rates

| Age | Male | Female |
|-----|---------|---------|
| 30 | .000095 | .000043 |
| 35 | .000265 | .000131 |
| 40 | .000673 | .000359 |
| 45 | .001295 | .000754 |
| 50 | .002082 | .001333 |
| 55 | .003061 | .002178 |

E. Service Retirement Rates (applied to both active and inactive members)

| Age | Male | | | Female | | |
|-------------|-------------------|------------|------------------|-------------------|------------|------------------|
| | Entry Age Groups | | | Entry Age Groups | | |
| | Ages 32 and under | Ages 33-47 | Ages 48 and over | Ages 32 and under | Ages 33-47 | Ages 48 and over |
| 40-44 | .060 | - | - | .060 | - | - |
| 45-49 | .060 | - | - | .060 | - | - |
| 50-52 | .080 | - | - | .080 | - | - |
| 53 | .080 | .100 | - | .080 | .100 | - |
| 54 | .080 | .100 | - | .110 | .100 | - |
| 55-59 | .140 | .100 | - | .110 | .100 | - |
| 60 | .200 | .150 | .100 | .140 | .150 | .100 |
| 61 | .250 | .300 | .200 | .280 | .260 | .200 |
| 62 | .320 | .250 | .120 | .280 | .170 | .120 |
| 63 | .320 | .230 | .120 | .280 | .170 | .120 |
| 64 | .320 | .350 | .200 | .280 | .220 | .200 |
| 65 | .320 | .320 | .200 | .280 | .270 | .200 |
| 66-69 | .220 | .220 | .170 | .220 | .220 | .170 |
| 70-74 | .200 | .220 | .250 | .220 | .220 | .250 |
| 75 and over | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |

Note: For cities without a 20-year/any age retirement provision, the rates for entry ages 32 and under are loaded by 20% for ages below 60.

F. Service Retiree Mortality Rates

For calculating the actuarial liability and the supplemental death contribution rates, the sex-distinct RP2000 Combined Healthy Mortality Table with no adjustment to the male rates and a one-year setforward for the female rates

G. Disabled Annuitant Mortality Rates

For calculating the actuarial liability and the supplemental death contribution rates, the sex-distinct RP2000 Disabled Retiree Mortality Table with a four-year setback for male rates and no adjustment for female rates

III. Methods and Assumptions

A. Valuation of Assets – For purposes of actuarial valuation, assets of the SDBF are valued at “fund value” (or fund balance) as these assets are pooled with those of the Pension Trust Fund under the provisions of the TMRS Act.

B. Actuarial Cost Method: For the Supplemental Death Benefit Fund for GASB purposes, the actuarial cost method used is the Projected Unit Credit actuarial cost method. Under this method, the member’s projected “other postemployment benefits” (OPEB) are assumed to accrue in equal portions each year over the member’s career. The actuarial present value of benefits allocated to a valuation year is called the normal cost. The actuarial present value of benefits allocated to all periods prior to the valuation year is called the actuarial accrued liability. The unfunded actuarial accrued liability is amortized over a constant 25-year amortization period as a level percentage of payroll.

The funding policy of this plan is to assure that adequate resources are available to meet all death benefit payments for the upcoming year; the intent is not to prefund retiree term life insurance during employees’ entire careers. As such, contributions are utilized to fund active member deaths on a pay-as-you-go basis; any excess contributions and investment income over payments then become net assets available for OPEB.



Definitions (Supplemental Death Benefits Fund)

1. **Actuarial gain (loss)** — A measure of the difference between actual experience and that expected based upon the actuarial assumptions, during the period between two actuarial valuation dates, as determined in accordance with the actuarial cost method used.
2. **Actuarial accrued liability** — The actuarial present value of benefits attributable to all periods prior to the valuation date.
3. **Actuarial present value** — The value of an amount or series of amounts payable or receivable at various times, determined as of a given date (the valuation date) by the application of the actuarial assumptions.
4. **Annual required contributions (ARC)** — The employer's periodic required contributions to the OPEB plan, calculated in accordance with GASB parameters under Statement 43.
5. **Actuarial value of assets** — The value of cash, investments, and other property belonging to the plan, as used by the actuary for the purpose of an actuarial valuation. For this OPEB plan, assets are valued at "fund value" (or fund balance) as these assets are pooled with those of the TMRS Pension Trust Fund, under the provisions of the TMRS Act.
6. **Funded ratio** — The actuarial value of assets expressed as a percentage of the actuarial accrued liability.
7. **Funding policy** — The program for the amounts and timing of contributions to be made by plan members and employers to provide the benefits specified by an OPEB plan.
8. **Other post-employment benefits (OPEB)** — Post-employment benefits other than pension benefits. Specifically, for TMRS, the \$7,500 supplemental death benefit payable to the retirees of municipalities that have elected to offer this benefit.
9. **Projected Unit Credit actuarial cost method** — A method under which the benefits of each individual included in the valuation are allocated by a consistent formula to valuation years based on years of service. Benefits are allocated equally to each year of service over the individual's career from hire to retirement. Normal costs are based on the portion of the benefit allocated to the year following the valuation year. Accrued liabilities are based on benefits allocated to the time preceding the date of the actuarial valuation. Under this method, actuarial gains (or losses), as they occur, reduce (or increase) the unfunded actuarial liability.
10. **Supplemental death contribution rate** — The actuarial present value of supplemental death benefits expected to be paid during the coming year, expressed as a percentage of the covered payroll. The benefits include those payable to both active and retired participants after retirement, under the provisions adopted by each municipality.
11. **Unfunded actuarial accrued liability** — The excess of the actuarial accrued liability over the actuarial value of assets.

Summary of Actuarial Liabilities & Funding Progress (Supplemental Death Benefits Fund)

| (Amounts in Millions of Dollars) | | | | | | |
|----------------------------------|---------------------------|-----------------------------------|------------------------|--------------------------------|-----------------|--|
| Annual Report Year | Actuarial Value of Assets | Actuarial Accrued Liability (AAL) | Funded Ratio (1) / (2) | Unfunded AAL (UAAAL) (2) - (1) | Covered Payroll | UAAAL Divided by Covered Payroll (4) / (5) |
| | (1) | (2) | (3) | (4) | (5) | (6) |
| 2006 (A) | \$ 23.0 | \$ 136.5 | 16.8 % | \$ 113.5 | \$ 2,687.5 | 4.2 % |
| 2007 * | 24.7 | 113.6 | 21.7 | 88.9 | 2,853.3 | 3.1 |
| 2008 | 26.1 | 120.9 | 21.6 | 94.8 | 3,025.7 | 3.1 |

* New actuarial assumptions were used in the December 31, 2007 valuation.

Each city participating in TMRS may elect, by ordinance, to offer supplemental death benefits for their active employees and/or retirees. The aggregate numbers shown above reflect the aggregate condition of TMRS OPEB benefits.

- (A) The 2006 results have changed from those reported in the 2006 CAFR. The SDBF provides for one post-retirement benefit of \$7,500 per individual. Some members and annuitants have worked for more than one municipality during their careers. In the 2006 CAFR schedule, this was not taken into account, and these individuals were valued more than once. The removal of the duplicate records resulted in a lower actuarial liability (from \$149.5 million) and a higher funded ratio (from 15.4%).



Actuarial Valuation of Participating Municipalities

| | Abernathy | Abilene | Addison | Alamo | Alamo Heights | Alba | Albany |
|---|------------|---------------|--------------|-------------|---------------|-------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$58,030 | \$9,045,308 | \$6,320,894 | \$1,980,050 | \$2,945,566 | \$25,293 | \$15,748 |
| a. Present Members | 135,289 | 21,780,948 | 5,073,920 | 142,225 | 2,861,807 | 0 | 74,321 |
| b. Annuitants | 415,545 | 108,095,042 | 48,147,375 | 2,359,601 | 5,341,402 | 65,081 | 311,036 |
| 2. Current Service Liability (Present Members) | \$608,864 | \$138,921,298 | \$59,542,189 | \$4,481,876 | \$11,148,775 | \$90,374 | \$401,105 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 380,203 | 98,292,308 | 48,391,009 | 2,863,495 | 4,579,790 | 73,510 | 348,111 |
| 4. Actuarial value of assets | \$228,661 | \$40,628,990 | \$11,151,180 | \$1,618,381 | \$6,568,985 | \$16,864 | \$52,994 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 62.4% | 70.8% | 81.3% | 63.9% | 41.1% | 81.3% | 86.8% |
| 6. Funded Ratio: (4) / (3) | \$422,397 | \$37,461,146 | \$16,237,145 | \$2,996,415 | \$4,287,402 | \$183,396 | \$327,443 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 3.40% | 9.76% | 9.97% | 5.85% | 8.11% | 3.36% | 2.37% |
| Prior Service | 3.66% | 6.63% | 4.20% | 3.29% | 9.35% | 0.62% | 1.09% |
| Total Retirement | 7.06% | 16.39% | 14.17% | 9.14% | 17.46% | 3.98% | 3.46% |
| Supplemental Death | 0.39% | 0.29% | 0.18% | 0.22% | 0.20% | 0.37% | 0.35% |
| Total Rate | 7.45% | 16.68% | 14.35% | 9.36% | 17.66% | 4.35% | 3.81% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | 8.09% | 15.85% | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | N/A | 15.50% | 9.50% | N/A | N/A | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 29 years | 24 years | 24 years |
| Number of annuitants | 7 | 578 | 109 | 7 | 50 | 0 | 6 |
| Number of active contributing members | 13 | 1,011 | 261 | 102 | 95 | 5 | 11 |
| Number of inactive members | 10 | 379 | 128 | 73 | 50 | 2 | 12 |
| Average age of contributing members | 38.6 years | 43.8 years | 41.3 years | 41.4 years | 40.5 years | 50.7 years | 47.9 years |
| Average length of service of contributing members | 9.1 years | 9.8 years | 11.6 years | 9.4 years | 10.3 years | 6.7 years | 7.0 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$5,438 | \$4,343,138 | \$18,835,640 | \$5,735 | \$61,020 | \$529,692 | \$131,586 |
| a. Present Members | 39,963 | 3,402,211 | 4,854,959 | 52,323 | 67,428 | 2,786 | 42,031 |
| b. Annuitants | 284,128 | 13,513,149 | 48,675,903 | 3,081,993 | 260,074 | 847,952 | 844,004 |
| 2. Current Service Liability (Present Members) | \$329,529 | \$21,258,498 | \$72,366,502 | \$3,140,051 | \$388,522 | \$1,380,430 | \$1,017,621 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 167,908 | 15,137,201 | 49,860,343 | 3,474,192 | 411,380 | 1,034,683 | 733,422 |
| 4. Actuarial value of assets | \$161,621 | \$6,121,297 | \$22,506,159 | (\$334,141) | (\$22,858) | \$345,747 | \$284,199 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 51.0% | 71.2% | 68.9% | 110.6% | 105.9% | 75.0% | 72.1% |
| 6. Funded Ratio: (4) / (3) | \$442,167 | \$8,103,701 | \$31,392,512 | \$1,863,805 | \$351,475 | \$1,046,060 | \$1,928,937 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 4.01% | 7.76% | 9.91% | 4.27% | 8.39% | 7.31% | 3.71% |
| Prior Service | 2.47% | 4.61% | 4.37% | -1.22% | -0.40% | 2.02% | 0.99% |
| Total Retirement | 6.48% | 12.37% | 14.28% | 3.05% | 7.99% | 9.33% | 4.70% |
| Supplemental Death | 0.16% | 0.00% | 0.16% | 0.23% | 0.35% | 0.17% | 0.15% |
| Total Rate | 6.64% | 12.37% | 14.44% | 3.28% | 8.34% | 9.50% | 4.85% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 9.85% | 12.07% | N/A | 7.07% | 9.03% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 11.50% | 13.50% | 11.50% | 13.50% | 13.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 24 years | 29 years | 29 years | 24 years |
| Number of annuitants | 2 | 97 | 63 | 20 | 3 | 1 | 2 |
| Number of active contributing members | 11 | 230 | 608 | 53 | 12 | 40 | 53 |
| Number of inactive members | 9 | 62 | 263 | 33 | 13 | 55 | 30 |
| Average age of contributing members | 39.4 years | 42.2 years | 40.7 years | 41.9 years | 44.1 years | 40.2 years | 38.0 years |
| Average length of service of contributing members | 9.2 years | 9.6 years | 7.9 years | 8.9 years | 2.8 years | 4.4 years | 5.3 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Alvin | Alvord | Amarillo | Amherst | Anahuac | Andrews | Angleton |
|---|-------------|------------|---------------|------------|------------|--------------|--------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | | \$48,091 | \$47,149,130 | \$6,439 | \$66,347 | \$2,025,726 | \$2,110,680 |
| b. Annuitants | | 0 | 54,380,940 | 113,458 | 297,307 | 2,434,118 | 1,887,997 |
| 2. Current Service Liability (Present Members) | | 76,829 | 163,772,646 | 40,408 | 193,558 | 8,833,208 | 7,406,724 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | | \$124,920 | \$265,302,716 | \$160,305 | \$557,212 | \$13,293,052 | \$11,405,401 |
| 4. Actuarial value of assets | | 73,945 | 142,555,601 | 56,017 | 434,809 | 9,093,991 | 7,394,856 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | | \$50,975 | \$122,747,115 | \$104,288 | \$122,403 | \$4,199,061 | \$4,010,545 |
| 6. Funded Ratio: (4) / (3) | 63.1% | 59.2% | 53.7% | 34.9% | 78.0% | 68.4% | 64.8% |
| 7. Annual Payroll | \$8,574,668 | \$184,516 | \$63,322,278 | \$147,875 | \$314,374 | \$2,551,546 | \$4,705,401 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 10.02% | 4.41% | 11.34% | 3.41% | 6.27% | 12.69% | 8.13% |
| Prior Service | 7.17% | 1.86% | 11.84% | 4.31% | 2.38% | 10.05% | 5.20% |
| Total Retirement | 17.19% | 6.27% | 23.18% | 7.72% | 8.65% | 22.74% | 13.33% |
| Supplemental Death | 0.19% | 0.49% | 0.00% | 0.00% | 0.00% | 0.00% | 0.24% |
| Total Rate | 17.38% | 6.76% | 23.18% | 7.72% | 8.62% | 22.74% | 13.57% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 13.36% | N/A | 17.83% | 5.47% | 7.77% | 18.69% | 11.44% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | N/A | N/A | 7.50% | N/A | N/A | 12.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 29 years | 29 years | 29 years |
| Number of annuitants | 63 | 0 | 720 | 4 | 2 | 24 | 39 |
| Number of active contributing members | 209 | 7 | 1,628 | 6 | 11 | 54 | 117 |
| Number of inactive members | 123 | 7 | 696 | 0 | 18 | 25 | 28 |
| Average age of contributing members | 40.4 years | 51.1 years | 43.7 years | 48.2 years | 39.1 years | 39.6 years | 42.0 years |
| Average length of service of contributing members | 8.5 years | 5.5 years | 9.5 years | 4.9 years | 4.3 years | 11.0 years | 8.1 years |

| | Anna | Anson | Anthony | Aransas Pass | Archer City | Argyle | Arlington |
|---|-------------|------------|------------|--------------|-------------|-------------|---------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | | \$188,365 | \$157,739 | \$1,449,914 | \$36,803 | \$498,448 | \$101,629,409 |
| b. Annuitants | | 113,111 | 199,142 | 2,309,214 | 83,788 | 20,209 | 121,075,516 |
| 2. Current Service Liability (Present Members) | | 360,353 | 194,921 | 3,210,296 | 161,366 | 960,501 | 371,736,803 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | | \$661,829 | \$551,802 | \$6,969,424 | \$281,957 | \$1,479,158 | \$594,441,728 |
| 4. Actuarial value of assets | | 562,495 | 267,202 | 3,829,826 | 217,514 | 954,732 | 360,028,646 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | | \$99,334 | \$284,600 | \$3,139,598 | \$64,443 | \$524,426 | \$234,413,082 |
| 6. Funded Ratio: (4) / (3) | 42.4% | 85.0% | 48.4% | 55.0% | 77.1% | 64.5% | 60.6% |
| 7. Annual Payroll | \$1,607,016 | \$434,946 | \$738,467 | \$2,969,879 | \$386,807 | \$1,073,368 | \$143,790,619 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 8.19% | 3.81% | 2.55% | 6.73% | 1.97% | 8.11% | 11.65% |
| Prior Service | 3.21% | 1.54% | 2.36% | 6.46% | 1.13% | 3.30% | 9.95% |
| Total Retirement | 11.40% | 5.35% | 4.91% | 13.19% | 3.10% | 11.41% | 21.60% |
| Supplemental Death | 0.16% | 0.42% | 0.18% | 0.25% | 0.25% | 0.00% | 0.17% |
| Total Rate | 11.56% | 5.77% | 5.09% | 13.44% | 3.35% | 11.41% | 21.77% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 10.87% | N/A | 4.81% | 10.53% | N/A | N/A | 16.76% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 7.50% | N/A | N/A | 7.50% | 13.50% | 15.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 24 years | 24 years | 29 years |
| Number of annuitants | 1 | 6 | 4 | 27 | 4 | 3 | 1,072 |
| Number of active contributing members | 35 | 16 | 20 | 92 | 12 | 21 | 2,442 |
| Number of inactive members | 9 | 11 | 11 | 85 | 11 | 15 | 824 |
| Average age of contributing members | 39.6 years | 48.7 years | 41.3 years | 41.3 years | 46.6 years | 42.8 years | 41.1 years |
| Average length of service of contributing members | 6.1 years | 11.3 years | 5.4 years | 6.5 years | 5.1 years | 9.3 years | 10.4 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Arp | Aspermont | Athens | Atlanta | Aubrey | Avinger | Azle |
|---|------------|---------------|------------------|-------------|-------------|-------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$59,553 | \$76,163 | \$5,476,173 | \$474,339 | \$0 | \$0 | \$1,916,626 |
| a. Present Members | 83,828 | 0 | 3,643,221 | 712,770 | 0 | 0 | 1,017,410 |
| b. Annuitants | 215,128 | 280,539 | 7,780,358 | 1,303,331 | 817,749 | 28,393 | 5,923,373 |
| 2. Current Service Liability (Present Members) | \$358,509 | \$356,702 | \$16,899,752 | \$2,490,440 | \$817,749 | \$28,393 | \$8,857,409 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 293,999 | 403,911 | 8,299,107 | 1,704,300 | 927,606 | 36,031 | 6,018,935 |
| 4. Actuarial value of assets | \$64,510 | (\$47,209) | \$8,600,645 | \$786,140 | (\$109,857) | (\$7,638) | \$2,838,474 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 82.0% | 113.2% | 49.1% | 68.4% | 113.4% | 126.9% | 68.0% |
| 6. Funded Ratio: (4) / (3) | \$228,457 | \$188,308 | \$5,237,599 | \$1,398,802 | \$1,598,662 | \$24,471 | \$4,626,735 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 3.61% | 3.45% | 11.61% | 4.82% | 2.02% | 7.00% | 7.16% |
| Prior Service | 1.73% | -1.69% | 10.03% | 3.43% | -0.47% | -2.11% | 3.74% |
| Total Retirement | 5.34% | 1.76% | 21.64% | 8.25% | 1.55% | 4.89% | 10.90% |
| Supplemental Death | 0.25% | 0.00% | 0.19% | 0.27% | 0.12% | 0.26% | 0.19% |
| Total Rate | 5.59% | 1.76% | 21.83% | 8.52% | 1.67% | 5.15% | 11.09% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 5.30% | N/A | 16.38% | 6.95% | N/A | N/A | 9.14% |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | 7.50% | N/A | 7.50% | 9.50% | 9.50% | 12.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 24 years | 24 years | 29 years |
| Number of annuitants | 3 | 0 | 40 | 12 | 4 | 0 | 43 |
| Number of active contributing members | 8 | 7 | 120 | 45 | 62 | 1 | 105 |
| Number of inactive members | 6 | 1 | 31 | 10 | 56 | 0 | 78 |
| Average age of contributing members | 39.7 years | 47.1 years | 40.7 years | 46.6 years | 35.8 years | 55.0 years | 40.3 years |
| Average length of service of contributing members | 7.5 years | 13.0 years | 10.0 years | 9.0 years | 3.6 years | 9.1 years | 7.5 years |
| | Baird | Balch Springs | Balcones Heights | Ballinger | Balmorhea | Bandera | Bangs |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$90,669 | \$3,139,647 | \$1,477,450 | \$354,499 | \$0 | \$280,583 | \$152,856 |
| a. Present Members | 136,732 | 2,034,543 | 1,613,426 | 122,797 | 0 | 49,943 | 267,873 |
| b. Annuitants | 271,339 | 6,868,679 | 3,903,355 | 1,567,941 | 7,382 | 760,322 | 532,505 |
| 2. Current Service Liability (Present Members) | \$498,740 | \$12,042,869 | \$6,994,231 | \$2,045,237 | \$7,382 | \$1,090,848 | \$953,234 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 354,525 | 7,291,918 | 4,132,975 | 1,673,214 | 17,000 | 911,762 | 639,919 |
| 4. Actuarial value of assets | \$144,215 | \$4,750,951 | \$2,861,256 | \$372,023 | (\$9,618) | \$179,086 | \$313,315 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 71.1% | 60.5% | 59.1% | 81.8% | 230.3% | 83.6% | 67.1% |
| 6. Funded Ratio: (4) / (3) | \$274,948 | \$5,728,400 | \$2,056,023 | \$1,084,374 | \$65,605 | \$508,433 | \$315,237 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 3.55% | 8.07% | 8.01% | 4.48% | 1.40% | 10.57% | 12.19% |
| Prior Service | 3.54% | 5.06% | 8.50% | 2.09% | -0.99% | 2.15% | 6.07% |
| Total Retirement | 7.09% | 13.13% | 16.51% | 6.57% | 0.41% | 12.72% | 18.26% |
| Supplemental Death | 0.42% | 0.17% | 0.21% | 0.34% | 0.09% | 0.56% | 0.33% |
| Total Rate | 7.51% | 13.30% | 16.72% | 6.91% | 0.50% | 13.28% | 18.59% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 10.80% | 13.33% | 3.86% | N/A | 10.47% | 14.78% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 13.50% | 13.50% | 7.50% | N/A | 13.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 24 years | 29 years | 29 years |
| Number of annuitants | 4 | 48 | 31 | 9 | 0 | 5 | 6 |
| Number of active contributing members | 9 | 145 | 50 | 40 | 4 | 18 | 10 |
| Number of inactive members | 4 | 82 | 43 | 11 | 3 | 10 | 5 |
| Average age of contributing members | 45.9 years | 38.6 years | 42.5 years | 45.3 years | 38.7 years | 50.2 years | 49.6 years |
| Average length of service of contributing members | 9.3 years | 6.2 years | 9.2 years | 7.5 years | 0.8 years | 7.7 years | 7.1 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Bartlett | Bartonville | Bastrop | Bay City | Bayou Vista | Baytown | Beaumont |
|---|-------------|-------------|-------------|--------------|-------------|---------------|---------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$21,926 | \$2,356 | \$1,267,708 | \$1,886,837 | \$3,560 | \$26,239,175 | \$40,913,245 |
| b. Annuitants | 110,232 | 0 | 562,307 | 3,269,445 | 0 | 31,118,022 | 42,900,601 |
| 2. Current Service Liability (Present Members) | 170,466 | 212,280 | 3,898,873 | 11,502,922 | 153,378 | 85,352,229 | 138,302,762 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$302,624 | \$214,636 | \$5,728,888 | \$16,659,204 | \$156,938 | \$142,709,426 | \$222,116,608 |
| 4. Actuarial value of assets | 415,382 | 136,539 | 3,817,789 | 11,436,920 | 141,102 | 85,434,320 | 136,596,397 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | (\$112,758) | \$78,097 | \$1,911,099 | \$5,222,284 | \$15,836 | \$57,275,106 | \$85,520,211 |
| 6. Funded Ratio: (4) / (3) | 137.3% | 63.6% | 66.6% | 68.7% | 89.9% | 59.9% | 61.5% |
| 7. Annual Payroll | \$532,273 | \$205,395 | \$3,896,057 | \$5,501,961 | \$374,622 | \$34,208,253 | \$52,318,963 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.18% | 5.45% | 6.95% | 8.34% | 3.98% | 11.99% | 11.43% |
| Prior Service | -1.43% | 2.57% | 2.99% | 5.80% | 0.28% | 10.22% | 9.98% |
| Total Retirement | 0.75% | 8.02% | 9.94% | 14.14% | 4.26% | 22.21% | 21.41% |
| Supplemental Death | 0.15% | 0.18% | 0.19% | 0.32% | 0.33% | 0.19% | 0.00% |
| Total Rate | 0.90% | 8.20% | 10.13% | 14.46% | 4.59% | 22.40% | 21.41% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 8.88% | 11.19% | N/A | 17.48% | 15.62% |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | N/A | 12.50% | 11.50% | N/A | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 29 years | 24 years | 29 years | 29 years |
| Number of annuitants | 4 | 0 | 24 | 74 | 0 | 305 | 589 |
| Number of active contributing members | 13 | 6 | 100 | 162 | 7 | 667 | 1,049 |
| Number of inactive members | 20 | 2 | 46 | 71 | 7 | 197 | 289 |
| Average age of contributing members | 41.5 years | 43.2 years | 41.7 years | 45.0 years | 47.9 years | 40.8 years | 44.1 years |
| Average length of service of contributing members | 2.8 years | 13.8 years | 7.4 years | 9.7 years | 4.4 years | 10.2 years | 11.8 years |

| | Bee Cave | Beeville | Bellaire | Bellmead | Bells | Belleville | Belton |
|---|-------------|-------------|--------------|-------------|------------|-------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$209,918 | \$194,580 | \$11,377,102 | \$1,377,617 | \$39,174 | \$1,220,962 | \$1,167,824 |
| b. Annuitants | 8,632 | 274,535 | 8,142,897 | 484,217 | 14,235 | 1,942,083 | 657,463 |
| 2. Current Service Liability (Present Members) | 939,718 | 5,505,222 | 24,034,684 | 5,096,233 | 163,646 | 2,988,749 | 6,545,574 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$1,158,268 | \$5,974,337 | \$43,554,683 | \$6,958,067 | \$217,055 | \$6,151,794 | \$8,370,861 |
| 4. Actuarial value of assets | 931,340 | 6,582,168 | 27,097,069 | 5,697,285 | 196,061 | 3,468,160 | 6,260,588 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$226,928 | (\$607,831) | \$16,457,614 | \$1,260,782 | \$20,994 | \$2,683,634 | \$2,110,273 |
| 6. Funded Ratio: (4) / (3) | 80.4% | 110.2% | 62.2% | 81.9% | 90.3% | 56.4% | 74.8% |
| 7. Annual Payroll | \$2,036,843 | \$3,363,282 | \$8,421,545 | \$2,413,033 | \$222,124 | \$1,995,279 | \$5,414,750 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.93% | 3.18% | 13.84% | 9.67% | 1.93% | 7.56% | 5.96% |
| Prior Service | 0.75% | -1.22% | 11.94% | 3.19% | 0.64% | 8.22% | 2.38% |
| Total Retirement | 6.68% | 1.96% | 25.78% | 12.86% | 2.57% | 15.78% | 8.34% |
| Supplemental Death | 0.16% | 0.00% | 0.24% | 0.32% | 0.15% | 0.28% | 0.24% |
| Total Rate | 6.84% | 1.96% | 26.02% | 13.18% | 2.72% | 16.06% | 8.58% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 20.36% | 10.76% | N/A | 12.98% | 8.01% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | 7.50% | N/A | 12.50% | N/A | N/A | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 29 years | 24 years | 29 years | 29 years |
| Number of annuitants | 3 | 36 | 87 | 13 | 3 | 24 | 50 |
| Number of active contributing members | 38 | 111 | 152 | 59 | 7 | 54 | 138 |
| Number of inactive members | 15 | 42 | 62 | 45 | 5 | 32 | 82 |
| Average age of contributing members | 42.3 years | 44.8 years | 43.8 years | 42.9 years | 39.3 years | 43.2 years | 41.7 years |
| Average length of service of contributing members | 4.1 years | 12.4 years | 13.3 years | 9.0 years | 7.2 years | 8.8 years | 8.6 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Bertram | Berryville | Bertram | Big Lake | Big Sandy | Big Spring | Bishop |
|---|------------|------------|-------------|------------|--------------|--------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$0 | \$101,444 | \$513,542 | \$264,896 | \$6,236,823 | \$203,132 | |
| b. Annuitants | 14,237 | 61,961 | 442,513 | 0 | 3,608,179 | 316,029 | |
| 2. Current Service Liability (Present Members) | 89,443 | 221,453 | 1,515,557 | 188,023 | 16,637,662 | 900,359 | |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$103,680 | \$384,858 | \$2,471,612 | \$452,919 | \$26,482,664 | \$1,419,520 | |
| 4. Actuarial value of assets | 103,076 | 284,411 | 1,371,821 | 328,585 | 17,946,597 | 1,058,860 | |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$604 | \$100,447 | \$1,099,791 | \$124,334 | \$8,536,067 | \$360,660 | |
| 6. Funded Ratio: (4) / (3) | 99.4% | 73.9% | 55.5% | 72.5% | 67.8% | 74.6% | |
| 7. Annual Payroll | \$88,986 | \$305,226 | \$642,683 | \$351,092 | \$7,813,766 | \$650,052 | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 12.23% | 4.00% | 9.47% | 3.75% | 10.81% | 6.41% | |
| Prior Service | 7.97% | 0.05% | 10.45% | 2.17% | 6.68% | 3.39% | |
| Total Retirement | 20.20% | 4.05% | 19.92% | 5.92% | 17.49% | 9.80% | |
| Supplemental Death | 0.18% | 0.00% | 0.28% | 0.34% | 0.27% | 0.21% | |
| Total Rate | 20.38% | 4.05% | 20.20% | 6.26% | 17.76% | 10.01% | |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 16.43% | N/A | 16.69% | 6.05% | 13.33% | 8.43% | |
| Statutory Maximum Rate (Total Retirement Only) | 15.50% | 8.50% | N/A | 7.50% | 13.50% | 11.50% | |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 29 years | 29 years | 29 years |
| Number of annuitants | 41 | 2 | 8 | 1 | 9 | 83 | 9 |
| Number of active contributing members | 108 | 3 | 19 | 12 | 206 | 23 | 23 |
| Number of inactive members | 26 | 0 | 7 | 9 | 91 | 18 | 18 |
| Average age of contributing members | 40.3 years | 50.5 years | 40.0 years | 49.0 years | 42.3 years | 40.6 years | 40.6 years |
| Average length of service of contributing members | 11.3 years | 7.7 years | 9.2 years | 10.5 years | 8.3 years | 8.4 years | 8.4 years |
| | | | | | | | |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$14,666 | \$11,983 | \$7,761 | \$52,261 | \$937 | \$7,415,840 | \$0 |
| b. Annuitants | 56,719 | 19,547 | 19,547 | 32,226 | 11,858 | 2,701,862 | 12,739 |
| 2. Current Service Liability (Present Members) | 325,050 | 87,558 | 326,909 | 127,961 | 39,115 | 10,188,819 | 68,910 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$396,435 | \$159,350 | \$354,217 | \$212,448 | \$51,910 | \$20,306,521 | \$81,649 |
| 4. Actuarial value of assets | 353,726 | 133,307 | 351,162 | 150,334 | 42,738 | 10,281,644 | 138,854 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$42,709 | \$26,043 | \$3,055 | \$62,114 | \$9,172 | \$10,024,877 | (\$57,205) |
| 6. Funded Ratio: (4) / (3) | 89.2% | 83.7% | 99.1% | 70.8% | 82.3% | 50.6% | 170.1% |
| 7. Annual Payroll | \$419,137 | \$102,843 | \$137,401 | \$523,099 | \$97,105 | \$8,463,230 | \$134,093 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.57% | 4.22% | 8.21% | 2.07% | 2.30% | 10.60% | 2.64% |
| Prior Service | 0.69% | 1.72% | 0.15% | 0.80% | 0.64% | 7.23% | -2.64% |
| Total Retirement | 3.26% | 5.94% | 8.36% | 2.87% | 2.94% | 17.83% | 0.00% |
| Supplemental Death | 0.41% | 0.12% | 0.42% | 0.18% | 0.23% | 0.18% | 0.35% |
| Total Rate | 3.67% | 6.06% | 8.78% | 3.05% | 3.17% | 18.01% | 0.35% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | N/A | N/A | 14.68% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | 11.50% | 11.50% | N/A | N/A | N/A | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 24 years | 24 years | 24 years | 24 years | 24 years |
| Number of annuitants | 1 | 1 | 2 | 1 | 2 | 40 | 1 |
| Number of active contributing members | 14 | 4 | 4 | 15 | 3 | 7 | 7 |
| Number of inactive members | 13 | 6 | 1 | 18 | 3 | 46 | 3 |
| Average age of contributing members | 45.7 years | 39.8 years | 47.8 years | 41.1 years | 35.4 years | 41.2 years | 45.0 years |
| Average length of service of contributing members | 5.7 years | 2.0 years | 14.7 years | 5.2 years | 5.1 years | 8.2 years | 4.7 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Bonham | Booker | Borger | Bovina | Bowie | Boyd | Brady |
|---|-------------|------------|--------------|------------|-------------|------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$1,335,647 | \$35,311 | \$2,371,348 | \$57,271 | \$1,189,314 | \$71,168 | \$598,822 |
| b. Annuitants | 209,467 | 109,674 | 6,418,520 | 22,264 | 1,088,973 | 0 | 533,552 |
| 2. Current Service Liability (Present Members) | 5,960,953 | 189,981 | 11,314,026 | 243,592 | 4,957,180 | 216,090 | 2,391,876 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$7,506,067 | \$334,966 | \$20,103,894 | \$323,127 | \$7,235,467 | \$287,258 | \$3,524,250 |
| 4. Actuarial value of assets | 6,342,939 | 298,710 | 10,599,823 | 337,963 | 5,139,174 | 277,739 | 2,523,914 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$1,163,128 | \$36,256 | \$9,504,071 | (\$14,836) | \$2,096,293 | \$9,519 | \$1,000,336 |
| 6. Funded Ratio: (4) / (3) | 84.5% | 89.2% | 52.7% | 104.6% | 71.0% | 96.7% | 71.6% |
| 7. Annual Payroll | \$4,469,372 | \$305,252 | \$5,125,415 | \$180,265 | \$3,043,110 | \$317,553 | \$2,920,722 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.27% | 4.89% | 9.15% | 2.27% | 7.77% | 3.33% | 4.05% |
| Prior Service | 1.76% | 0.73% | 11.32% | -0.55% | 4.21% | 0.20% | 2.09% |
| Total Retirement | 7.03% | 5.62% | 20.47% | 1.72% | 11.98% | 3.53% | 6.14% |
| Supplemental Death | 0.00% | 0.19% | 0.26% | 0.31% | 0.26% | 0.00% | 0.28% |
| Total Rate | 7.03% | 5.81% | 20.73% | 2.03% | 12.24% | 3.53% | 6.42% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 4.45% | 17.22% | N/A | 9.95% | N/A | 5.02% |
| Statutory Maximum Rate (Total Retirement Only) | 10.50% | 9.50% | N/A | 7.50% | 11.50% | 9.50% | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 24 years | 29 years | 24 years | 29 years |
| Number of annuitants | 26 | 4 | 80 | 2 | 35 | 2 | 28 |
| Number of active contributing members | 114 | 11 | 137 | 6 | 89 | 12 | 84 |
| Number of inactive members | 61 | 9 | 49 | 3 | 50 | 8 | 67 |
| Average age of contributing members | 40.4 years | 40.2 years | 40.8 years | 46.5 years | 42.8 years | 41.5 years | 43.7 years |
| Average length of service of contributing members | 8.7 years | 5.5 years | 8.1 years | 10.8 years | 7.9 years | 11.3 years | 6.0 years |

| | Brazoria | Breckenridge | Bremond | Brenham | Bridge City | Bridgeport | Bronfe |
|---|-------------|--------------|------------|--------------|--------------|-------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$387,344 | \$996,313 | \$995 | \$1,782,827 | \$3,170,347 | \$1,778,221 | \$54,403 |
| b. Annuitants | 152,345 | 962,427 | 6,251 | 2,025,057 | 1,651,033 | 335,954 | 0 |
| 2. Current Service Liability (Present Members) | 1,381,415 | 3,146,776 | 131,850 | 17,832,032 | 5,256,019 | 3,396,670 | 84,635 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$1,921,104 | \$5,105,516 | \$139,096 | \$21,639,916 | \$10,077,399 | \$5,510,845 | \$139,038 |
| 4. Actuarial value of assets | 1,586,038 | 3,403,843 | 150,738 | 17,950,666 | 5,676,587 | 3,742,403 | 107,506 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$335,066 | \$1,701,673 | (\$11,642) | \$3,689,250 | \$4,400,812 | \$1,768,442 | \$31,532 |
| 6. Funded Ratio: (4) / (3) | 82.6% | 66.7% | 108.4% | 83.0% | 56.3% | 67.9% | 77.3% |
| 7. Annual Payroll | \$843,338 | \$2,013,724 | \$151,930 | \$9,116,479 | \$2,657,645 | \$3,702,073 | \$111,920 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 7.27% | 5.67% | 2.94% | 5.78% | 11.92% | 6.77% | 3.54% |
| Prior Service | 2.42% | 5.16% | -0.52% | 2.73% | 10.11% | 2.92% | 1.91% |
| Total Retirement | 9.69% | 10.83% | 2.42% | 8.51% | 22.03% | 9.69% | 5.45% |
| Supplemental Death | 0.23% | 0.25% | 0.42% | 0.00% | 0.25% | 0.17% | 0.20% |
| Total Rate | 9.92% | 11.08% | 2.84% | 8.51% | 22.28% | 9.86% | 5.65% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 8.35% | 8.62% | N/A | N/A | 18.50% | 8.59% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 11.50% | 9.50% | 7.50% | 11.50% | N/A | 13.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 24 years | 29 years | 29 years | 24 years |
| Number of annuitants | 9 | 29 | 2 | 72 | 14 | 14 | 0 |
| Number of active contributing members | 24 | 77 | 5 | 214 | 88 | 88 | 4 |
| Number of inactive members | 23 | 31 | 7 | 78 | 62 | 62 | 1 |
| Average age of contributing members | 45.1 years | 41.4 years | 48.8 years | 44.1 years | 40.0 years | 40.0 years | 47.6 years |
| Average length of service of contributing members | 9.4 years | 8.0 years | 7.9 years | 11.9 years | 6.4 years | 6.4 years | 17.5 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Brookshire | Brownfield | Brownsville | Brownsville Public Utility | Brownwood | Brownwood Health Dept. | Brownwood Public Library |
|---|-------------|---------------|---------------|----------------------------|--------------|------------------------|--------------------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$376,737 | \$805,737 | \$42,903,680 | \$13,747,467 | \$3,864,497 | \$11,666 | \$0 |
| a. Present Members | 353,944 | 1,886,204 | 22,391,589 | 15,610,043 | 3,817,602 | 149,805 | 0 |
| b. Annuitants | 1,676,665 | 6,336,403 | 110,092,648 | 43,734,594 | 15,196,591 | 355,224 | 62,979 |
| 2. Current Service Liability (Present Members) | \$2,407,346 | \$9,028,344 | \$175,387,917 | \$73,092,104 | \$22,878,690 | \$516,695 | \$62,979 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 1,967,519 | 5,625,544 | 107,426,891 | 44,693,871 | 15,119,942 | \$64,290 | 123,020 |
| 4. Actuarial value of assets | \$439,827 | \$3,402,800 | \$67,961,026 | \$28,398,233 | \$7,758,748 | 87.6% | (\$60,041) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 81.7% | 62.3% | 61.3% | 61.1% | 66.1% | 87.6% | 195.3% |
| 6. Funded Ratio: (4) / (3) | \$717,203 | \$2,737,330 | \$48,661,897 | \$20,687,454 | \$7,686,034 | \$319,906 | \$63,501 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 6.73% | 8.06% | 12.95% | 9.93% | 10.09% | 7.95% | 5.46% |
| Prior Service | 3.75% | 7.60% | 8.38% | 8.38% | 6.17% | 1.36% | -5.46% |
| Total Retirement | 10.48% | 15.66% | 21.48% | 18.31% | 16.26% | 9.31% | 0.00% |
| Supplemental Death | 0.19% | 0.00% | 0.19% | 0.20% | 0.00% | 0.00% | 0.00% |
| Total Rate | 10.67% | 15.66% | 21.67% | 18.51% | 16.26% | 9.31% | 0.00% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 8.67% | 13.41% | 17.26% | 13.93% | 13.73% | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 11.50% | N/A | N/A | N/A | 13.50% | N/A | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 29 years | 24 years | 24 years |
| Number of annuitants | 6 | 42 | 316 | 187 | 69 | 4 | 1 |
| Number of active contributing members | 27 | 82 | 1,099 | 463 | 226 | 11 | 2 |
| Number of inactive members | 33 | 24 | 159 | 69 | 62 | 5 | 2 |
| Average age of contributing members | 40.2 years | 43.6 years | 41.6 years | 41.2 years | 42.8 years | 47.5 years | 41.7 years |
| Average length of service of contributing members | 5.2 years | 9.9 years | 10.7 years | 11.0 years | 8.7 years | 3.9 years | 7.8 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$17,637 | \$34,259,151 | \$405 | \$690,654 | \$57,868 | \$223,636 | \$167,291 |
| a. Present Members | 26,614 | 26,779,931 | 0 | 112,461 | 124,717 | 17,841 | 0 |
| b. Annuitants | 226,451 | 92,076,986 | 447,296 | 1,318,125 | 510,557 | 299,416 | 516,389 |
| 2. Current Service Liability (Present Members) | \$270,702 | \$153,116,068 | \$447,701 | \$2,121,240 | \$693,142 | \$540,893 | \$683,680 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 313,719 | 91,123,170 | 478,184 | 1,246,014 | 556,612 | 284,915 | 410,074 |
| 4. Actuarial value of assets | (\$43,017) | \$61,992,898 | (\$30,483) | \$875,226 | \$136,530 | \$255,978 | \$273,606 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 115.9% | 59.5% | 106.8% | 58.7% | 80.3% | 52.7% | 60.0% |
| 6. Funded Ratio: (4) / (3) | \$261,711 | \$41,808,463 | \$75,815 | \$1,560,663 | \$721,948 | \$554,170 | \$1,064,977 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 3.76% | 10.61% | 9.23% | 9.28% | 4.35% | 5.53% | 5.03% |
| Prior Service | -1.11% | 9.06% | -2.45% | 3.43% | 1.27% | 3.12% | 1.73% |
| Total Retirement | 2.65% | 19.67% | 6.78% | 12.71% | 5.62% | 8.65% | 6.76% |
| Supplemental Death | 0.16% | 0.00% | 0.00% | 0.21% | 0.39% | 0.20% | 0.14% |
| Total Rate | 2.81% | 19.67% | 6.78% | 12.92% | 6.01% | 8.85% | 6.90% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 15.02% | 5.52% | 11.56% | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 11.50% | N/A | 9.50% | 13.50% | 11.50% | 11.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 24 years | 24 years | 24 years |
| Number of annuitants | 4 | 352 | 0 | 2 | 4 | 1 | 1 |
| Number of active contributing members | 9 | 846 | 3 | 43 | 19 | 15 | 23 |
| Number of inactive members | 10 | 354 | 2 | 10 | 8 | 5 | 5 |
| Average age of contributing members | 37.9 years | 40.4 years | 44.3 years | 46.3 years | 47.9 years | 43.0 years | 41.1 years |
| Average length of service of contributing members | 2.0 years | 9.7 years | 14.5 years | 6.1 years | 6.4 years | 9.5 years | 7.1 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$17,637 | \$34,259,151 | \$405 | \$690,654 | \$57,868 | \$223,636 | \$167,291 |
| a. Present Members | 26,614 | 26,779,931 | 0 | 112,461 | 124,717 | 17,841 | 0 |
| b. Annuitants | 226,451 | 92,076,986 | 447,296 | 1,318,125 | 510,557 | 299,416 | 516,389 |
| 2. Current Service Liability (Present Members) | \$270,702 | \$153,116,068 | \$447,701 | \$2,121,240 | \$693,142 | \$540,893 | \$683,680 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 313,719 | 91,123,170 | 478,184 | 1,246,014 | 556,612 | 284,915 | 410,074 |
| 4. Actuarial value of assets | (\$43,017) | \$61,992,898 | (\$30,483) | \$875,226 | \$136,530 | \$255,978 | \$273,606 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 115.9% | 59.5% | 106.8% | 58.7% | 80.3% | 52.7% | 60.0% |
| 6. Funded Ratio: (4) / (3) | \$261,711 | \$41,808,463 | \$75,815 | \$1,560,663 | \$721,948 | \$554,170 | \$1,064,977 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 3.76% | 10.61% | 9.23% | 9.28% | 4.35% | 5.53% | 5.03% |
| Prior Service | -1.11% | 9.06% | -2.45% | 3.43% | 1.27% | 3.12% | 1.73% |
| Total Retirement | 2.65% | 19.67% | 6.78% | 12.71% | 5.62% | 8.65% | 6.76% |
| Supplemental Death | 0.16% | 0.00% | 0.00% | 0.21% | 0.39% | 0.20% | 0.14% |
| Total Rate | 2.81% | 19.67% | 6.78% | 12.92% | 6.01% | 8.85% | 6.90% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 15.02% | 5.52% | 11.56% | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 11.50% | N/A | 9.50% | 13.50% | 11.50% | 11.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 24 years | 24 years | 24 years |
| Number of annuitants | 4 | 352 | 0 | 2 | 4 | 1 | 1 |
| Number of active contributing members | 9 | 846 | 3 | 43 | 19 | 15 | 23 |
| Number of inactive members | 10 | 354 | 2 | 10 | 8 | 5 | 5 |
| Average age of contributing members | 37.9 years | 40.4 years | 44.3 years | 46.3 years | 47.9 years | 43.0 years | 41.1 years |
| Average length of service of contributing members | 2.0 years | 9.7 years | 14.5 years | 6.1 years | 6.4 years | 9.5 years | 7.1 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Bunker Hill Village | Burkburnett | Burleson | Burnet | Cactus | Caddo Mills | Caldwell |
|---|---------------------|-------------|--------------|-------------|------------|-------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$593,029 | \$474,788 | \$9,777,008 | \$1,861,659 | \$4,110 | \$2,571 | \$782,802 |
| b. Annuitants | 100,575 | 1,984,367 | 4,645,067 | 1,345,122 | 168,256 | 48,949 | 507,840 |
| 2. Current Service Liability (Present Members) | 1,136,837 | 4,005,659 | 22,236,549 | 6,157,465 | 226,384 | 100,925 | 3,846,743 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$1,830,441 | \$6,404,814 | \$36,658,624 | \$9,364,246 | \$398,750 | \$152,445 | \$5,137,385 |
| 4. Actuarial value of assets | 1,555,624 | 3,925,574 | 23,128,541 | 6,633,558 | 363,716 | 96,967 | 4,028,962 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$274,817 | \$2,539,240 | \$13,530,083 | \$2,730,688 | \$35,034 | \$55,478 | \$1,108,423 |
| 6. Funded Ratio: (4) / (3) | 85.0% | 60.7% | 63.1% | 70.8% | 91.2% | 63.6% | 78.4% |
| 7. Annual Payroll | \$481,208 | \$2,244,869 | \$15,041,711 | \$4,348,757 | \$460,050 | \$428,018 | \$1,872,772 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 12.97% | 7.78% | 9.36% | 7.73% | 1.94% | 2.80% | 7.62% |
| Prior Service | 3.49% | 7.65% | 5.50% | 3.83% | 0.51% | 0.88% | 3.61% |
| Total Retirement | 16.46% | 15.43% | 14.86% | 11.56% | 2.45% | 3.68% | 11.23% |
| Supplemental Death | 0.26% | 0.26% | 0.15% | 0.20% | 0.30% | 0.13% | 0.28% |
| Total Rate | 16.72% | 15.69% | 15.01% | 11.76% | 2.75% | 3.81% | 11.51% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 13.33% | N/A | 12.74% | 10.41% | N/A | N/A | 9.74% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | 13.50% | 13.50% | 7.50% | N/A | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 24 years | 24 years | 29 years |
| Number of annuitants | 3 | 42 | 55 | 29 | 8 | 1 | 15 |
| Number of active contributing members | 8 | 69 | 286 | 112 | 14 | 10 | 59 |
| Number of inactive members | 4 | 22 | 112 | 74 | 15 | 6 | 16 |
| Average age of contributing members | 46.4 years | 43.1 years | 40.7 years | 41.7 years | 45.7 years | 39.2 years | 46.1 years |
| Average length of service of contributing members | 14.2 years | 8.7 years | 9.4 years | 6.9 years | 7.4 years | 3.1 years | 10.1 years |

| | Calvert | Cameron | Canadian | Canton | Canyon | Carmine | Carrizo Springs |
|---|------------|-------------|-------------|-------------|--------------|------------|-----------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$8,881 | \$642,433 | \$818,003 | \$1,810,888 | \$1,970,955 | \$14,389 | \$828,949 |
| b. Annuitants | 0 | 866,669 | 395,574 | 619,011 | 2,414,884 | 1,073 | 647,682 |
| 2. Current Service Liability (Present Members) | 80,796 | 1,832,923 | 821,006 | 2,413,874 | 7,959,669 | 66,392 | 1,771,156 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$89,677 | \$3,342,025 | \$2,034,583 | \$4,843,773 | \$12,345,508 | \$81,854 | \$3,247,787 |
| 4. Actuarial value of assets | 118,407 | 1,911,586 | 1,269,354 | 2,889,423 | 8,327,539 | 77,975 | 2,541,996 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | (\$28,730) | \$1,430,439 | \$765,229 | \$1,954,350 | \$4,017,969 | \$3,879 | \$705,791 |
| 6. Funded Ratio: (4) / (3) | 132.0% | 57.2% | 62.4% | 59.7% | 67.5% | 95.3% | 78.3% |
| 7. Annual Payroll | \$244,931 | \$1,322,250 | \$674,607 | \$2,224,830 | \$3,011,369 | \$45,282 | \$1,006,894 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 1.92% | 4.20% | 9.31% | 9.94% | 10.87% | 4.89% | 6.33% |
| Prior Service | -0.79% | 6.61% | 6.93% | 5.36% | 8.15% | 0.57% | 4.28% |
| Total Retirement | 1.13% | 10.81% | 16.24% | 15.30% | 19.02% | 5.46% | 10.61% |
| Supplemental Death | 0.16% | 0.32% | 0.20% | 0.27% | 0.18% | 0.15% | 0.28% |
| Total Rate | 1.29% | 11.13% | 16.44% | 15.57% | 19.20% | 5.61% | 10.89% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 8.67% | 13.91% | 13.31% | 15.15% | N/A | 7.77% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | N/A | N/A | N/A | 7.50% | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 29 years | 24 years | 29 years |
| Number of annuitants | 0 | 21 | 5 | 17 | 23 | 2 | 15 |
| Number of active contributing members | 8 | 43 | 20 | 65 | 71 | 3 | 41 |
| Number of inactive members | 7 | 28 | 6 | 27 | 33 | 1 | 4 |
| Average age of contributing members | 45.1 years | 44.6 years | 38.7 years | 42.8 years | 41.7 years | 48.5 years | 46.1 years |
| Average length of service of contributing members | 5.2 years | 10.6 years | 7.0 years | 7.5 years | 10.1 years | 7.9 years | 10.9 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Carrlinton | Carthage | Castle Hills | Castroville | Cedar Hill | Cedar Park | Celina |
|---|---------------|--------------|--------------|-------------|--------------|--------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$30,143,215 | \$2,677,490 | \$1,471,659 | \$504,497 | \$11,997,942 | \$4,829,379 | \$0 |
| b. Annuitants | 27,367,194 | 4,115,064 | 1,670,183 | 347,290 | 4,659,521 | 1,196,763 | 0 |
| 2. Current Service Liability (Present Members) | \$151,260,277 | 7,338,286 | 4,906,849 | 1,939,540 | 26,824,240 | 18,176,985 | 1,385,418 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$208,770,686 | \$14,130,840 | \$8,048,691 | \$2,791,327 | \$43,481,703 | \$24,203,127 | \$1,385,418 |
| 4. Actuarial value of assets | \$150,073,733 | 7,062,968 | 5,071,761 | 1,983,609 | 28,113,719 | 19,096,663 | 1,418,401 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$58,696,953 | \$7,067,872 | \$2,976,930 | \$807,718 | \$15,367,984 | \$5,106,464 | (\$32,983) |
| 6. Funded Ratio: (4) / (3) | 71.9% | 50.0% | 63.0% | 71.1% | 64.7% | 78.9% | 102.4% |
| 7. Annual Payroll | \$45,747,413 | \$3,729,383 | \$2,546,004 | \$1,260,194 | \$16,764,181 | \$16,881,577 | \$1,821,424 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 11.16% | 11.31% | 8.40% | 5.96% | 10.38% | 6.99% | 4.85% |
| Prior Service | 6.86% | 11.57% | 7.14% | 3.91% | 5.59% | 2.05% | -0.12% |
| Total Retirement | 18.02% | 22.88% | 15.54% | 9.87% | 15.97% | 9.04% | 4.73% |
| Supplemental Death | 0.00% | 0.23% | 0.19% | 0.33% | 0.17% | 0.15% | 0.16% |
| Total Rate | 18.02% | 23.11% | 15.73% | 10.20% | 16.14% | 9.19% | 4.89% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 18.40% | 12.28% | 8.48% | 13.85% | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | 11.50% | 11.50% | 13.50% | 13.50% | 13.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 39 years | 29 years | 29 years | 29 years | 29 years | 24 years | 24 years |
| Number of annuitants | 309 | 49 | 31 | 13 | 66 | 30 | 0 |
| Number of active contributing members | 816 | 83 | 60 | 32 | 316 | 351 | 35 |
| Number of inactive members | 493 | 33 | 26 | 36 | 129 | 150 | 18 |
| Average age of contributing members | 42.5 years | 40.5 years | 42.0 years | 47.2 years | 41.4 years | 38.8 years | 38.3 years |
| Average length of service of contributing members | 10.8 years | 8.1 years | 12.1 years | 12.4 years | 9.2 years | 7.7 years | 6.0 years |
| | Center | Centerville | Chandler | Charlotte | Chester | Chico | Childress |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$1,695,191 | \$85,427 | \$219,278 | \$39,478 | \$8,509 | \$5,952 | \$474,923 |
| b. Annuitants | 1,017,082 | 15,157 | 0 | 12,573 | 0 | 34,088 | 845,024 |
| 2. Current Service Liability (Present Members) | \$3,015,165 | 214,458 | 39,253 | 167,786 | 235,381 | 105,770 | 1,853,113 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$5,727,438 | \$315,042 | \$258,531 | \$219,837 | \$243,890 | \$145,810 | \$3,173,060 |
| 4. Actuarial value of assets | \$3,044,172 | 261,365 | 13,275 | 189,889 | 247,436 | 118,115 | 1,284,390 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$2,683,266 | \$53,677 | \$245,256 | \$29,948 | (\$3,546) | \$27,695 | \$1,888,670 |
| 6. Funded Ratio: (4) / (3) | 53.2% | 83.0% | 5.1% | 86.4% | 101.5% | 81.0% | 40.5% |
| 7. Annual Payroll | \$2,311,349 | \$147,999 | \$451,632 | \$184,028 | \$34,097 | \$238,684 | \$1,295,739 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 9.95% | 5.23% | 4.12% | 5.12% | 12.92% | 2.78% | 8.65% |
| Prior Service | 7.09% | 2.45% | 3.67% | 0.99% | -0.70% | 0.78% | 8.90% |
| Total Retirement | 17.04% | 7.68% | 7.79% | 6.11% | 12.22% | 3.56% | 17.55% |
| Supplemental Death | 0.25% | 0.00% | 0.34% | 0.12% | 0.46% | 0.40% | 0.33% |
| Total Rate | 17.29% | 7.68% | 8.13% | 6.23% | 12.68% | 3.96% | 17.88% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 13.54% | N/A | N/A | 5.17% | N/A | N/A | 14.05% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 9.50% | N/A | 9.50% | N/A | N/A | 13.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 24 years | 29 years | 24 years | 24 years | 29 years |
| Number of annuitants | 23 | 1 | 0 | 1 | 0 | 2 | 26 |
| Number of active contributing members | 69 | 4 | 14 | 8 | 3 | 8 | 50 |
| Number of inactive members | 14 | 0 | 0 | 3 | 1 | 1 | 33 |
| Average age of contributing members | 42.8 years | 44.1 years | 49.2 years | 40.9 years | 54.2 years | 51.1 years | 42.6 years |
| Average length of service of contributing members | 10.0 years | 16.2 years | 6.7 years | 8.7 years | 16.3 years | 5.9 years | 7.5 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Cockrell Hill | Coleman | College Station | Colleyville | Collinsville | Colmesneil | Colorado City |
|---|---------------|-------------|-----------------|--------------|--------------|------------|---------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$160,293 | \$1,570,193 | \$34,541,845 | \$7,255,249 | \$14,482 | \$15,145 | \$426,157 |
| a. Present Members | 99,656 | 1,350,877 | 13,538,339 | 1,470,562 | 0 | 0 | 336,254 |
| b. Annuitants | 899,618 | 3,421,592 | 90,496,320 | 23,100,746 | 235,167 | 46,570 | 2,168,151 |
| 2. Current Service Liability (Present Members) | \$1,159,567 | \$6,342,662 | \$138,576,504 | \$31,826,557 | \$249,649 | \$61,715 | \$2,930,562 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 1,692,389 | 3,682,224 | 90,243,677 | 23,644,963 | 264,902 | 51,038 | 2,394,303 |
| 4. Actuarial value of assets | (\$532,822) | \$2,660,438 | \$48,332,827 | \$8,181,594 | (\$15,253) | \$10,677 | \$536,259 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 146.0% | 58.1% | 65.1% | 74.3% | 106.1% | 82.7% | 81.7% |
| 6. Funded Ratio: (4) / (3) | \$1,022,772 | \$2,117,320 | \$40,337,456 | \$10,348,960 | \$268,537 | \$105,089 | \$1,183,328 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 4.99% | 9.74% | 11.39% | 10.75% | 3.37% | 3.17% | 6.65% |
| Prior Service | -3.18% | 7.67% | 7.32% | 4.83% | -0.38% | 0.69% | 2.77% |
| Total Retirement | 1.81% | 17.41% | 18.71% | 15.58% | 2.99% | 3.86% | 9.42% |
| Supplemental Death | 0.15% | 0.00% | 0.00% | 0.18% | 0.38% | 0.08% | 0.32% |
| Total Rate | 1.96% | 17.41% | 18.71% | 15.76% | 3.37% | 3.94% | 9.74% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 1.13% | 14.74% | 14.45% | 13.63% | N/A | N/A | 7.60% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | N/A | 13.50% | 13.50% | 8.50% | N/A | 12.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 24 years | 24 years | 29 years |
| Number of annuitants | 6 | 39 | 203 | 35 | 0 | 0 | 17 |
| Number of active contributing members | 31 | 71 | 810 | 184 | 8 | 3 | 45 |
| Number of inactive members | 39 | 31 | 329 | 91 | 1 | 0 | 49 |
| Average age of contributing members | 37.6 years | 43.8 years | 40.1 years | 42.5 years | 49.0 years | 32.1 years | 41.9 years |
| Average length of service of contributing members | 4.3 years | 8.5 years | 10.8 years | 11.5 years | 8.1 years | 9.0 years | 5.8 years |
| | | | | | | | |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$782,685 | \$232,492 | \$692,189 | \$14,115,303 | \$2,782,695 | \$225,942 | \$16,288,092 |
| a. Present Members | 444,928 | 368,806 | 889,397 | 7,680,189 | 886,092 | 76,229 | 4,245,846 |
| b. Annuitants | 2,235,373 | 1,220,960 | 3,289,506 | 36,852,810 | 7,054,107 | 470,076 | 43,269,381 |
| 2. Current Service Liability (Present Members) | \$3,462,986 | \$1,822,258 | \$4,871,092 | \$58,648,302 | \$10,722,894 | \$772,247 | \$63,803,323 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 2,184,814 | 1,268,393 | 3,176,290 | 35,281,383 | 7,050,642 | 605,414 | 46,207,449 |
| 4. Actuarial value of assets | \$1,278,172 | \$553,865 | \$1,694,802 | \$23,366,919 | \$3,672,252 | \$166,833 | \$17,595,872 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 63.1% | 69.6% | 65.2% | 60.2% | 65.8% | 78.4% | 72.4% |
| 6. Funded Ratio: (4) / (3) | \$1,271,931 | \$817,904 | \$2,726,478 | \$19,743,453 | \$5,069,220 | \$370,170 | \$21,647,556 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 9.05% | 4.66% | 6.11% | 10.95% | 9.19% | 6.25% | 10.99% |
| Prior Service | 6.14% | 4.14% | 3.79% | 7.23% | 4.42% | 2.75% | 4.96% |
| Total Retirement | 15.19% | 8.80% | 9.90% | 18.18% | 13.61% | 9.00% | 15.95% |
| Supplemental Death | 0.31% | 0.41% | 0.26% | 0.00% | 0.16% | 0.28% | 0.16% |
| Total Rate | 15.50% | 9.21% | 10.16% | 18.18% | 13.77% | 9.28% | 16.11% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 12.23% | 6.78% | 8.48% | 14.73% | 10.99% | 8.61% | 13.85% |
| Statutory Maximum Rate (Total Retirement Only) | 12.50% | 7.50% | 11.50% | 13.50% | 13.50% | 8.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 29 years | 29 years | 29 years |
| Number of annuitants | 16 | 16 | 35 | 91 | 19 | 2 | 79 |
| Number of active contributing members | 37 | 27 | 84 | 363 | 152 | 12 | 361 |
| Number of inactive members | 29 | 15 | 54 | 87 | 91 | 2 | 174 |
| Average age of contributing members | 46.3 years | 44.4 years | 42.3 years | 40.9 years | 37.9 years | 48.6 years | 41.3 years |
| Average length of service of contributing members | 8.3 years | 10.4 years | 7.6 years | 9.8 years | 6.5 years | 12.4 years | 10.8 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Copper Canyon | Copperas Cove | Corinth | Corpus Christi | Corrigan | Corsicana | Cottulla |
|---|---------------|---------------|--------------|----------------|------------|--------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$4,529 | \$5,315,852 | \$3,205,762 | \$70,199,858 | \$192,347 | \$8,078,332 | \$53,615 |
| b. Annuitants | 0 | 4,047,580 | 1,201,884 | 99,862,382 | 92,276 | 4,378,336 | 333,068 |
| 2. Current Service Liability (Present Members) | | | | | | | |
| a. Total Actuarial Accrued Liability: (1) + (2) | \$101,935 | \$17,060,467 | \$8,585,827 | \$271,992,912 | \$503,351 | \$17,437,110 | \$370,952 |
| 3. Total Actuarial Accrued Liability | \$106,464 | \$26,423,899 | \$12,993,473 | \$442,055,152 | \$787,974 | \$29,893,778 | \$757,635 |
| 4. Actuarial value of assets | \$88,632 | \$9,102,902 | \$8,770,128 | \$234,890,896 | \$668,161 | \$16,946,545 | \$609,050 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$17,832 | \$9,102,902 | \$4,223,345 | \$207,164,256 | \$119,813 | \$12,947,233 | \$148,585 |
| 6. Funded Ratio: (4) / (3) | 83.3% | 65.6% | 67.5% | 53.1% | 84.8% | 56.7% | 80.4% |
| 7. Annual Payroll | \$102,125 | \$10,702,600 | \$7,755,875 | \$108,555,179 | \$602,647 | \$8,847,450 | \$602,029 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 7.00% | 7.43% | 8.81% | 10.75% | 3.58% | 11.72% | 2.75% |
| Prior Service | 2.17% | 5.20% | 3.32% | 11.65% | 1.34% | 8.93% | 1.67% |
| Total Retirement | 9.17% | 12.63% | 12.13% | 22.40% | 4.92% | 20.65% | 4.42% |
| Supplemental Death | 0.39% | 0.20% | 0.13% | 0.00% | 0.28% | 0.26% | 0.36% |
| Total Rate | 9.56% | 12.83% | 12.26% | 22.40% | 5.20% | 20.91% | 4.78% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 10.58% | 11.99% | 16.77% | N/A | 17.10% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 12.50% | 13.50% | N/A | 7.50% | N/A | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 6 years | 29 years | 29 years | 29 years | 24 years | 29 years | 24 years |
| Number of annuitants | 0 | 126 | 26 | 1,518 | 7 | 103 | 13 |
| Number of active contributing members | 2 | 278 | 147 | 2,622 | 21 | 215 | 25 |
| Number of inactive members | 3 | 176 | 62 | 699 | 9 | 51 | 19 |
| Average age of contributing members | 54.1 years | 41.5 years | 39.3 years | 45.0 years | 44.8 years | 43.1 years | 43.4 years |
| Average length of service of contributing members | 16.8 years | 10.5 years | 8.5 years | 11.4 years | 10.4 years | 10.4 years | 6.1 years |
| | Crandall | Crane | Crawford | Crockett | Crosbyton | Cross Plains | Crowley |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$185,703 | \$247,062 | \$0 | \$848,950 | \$9,207 | \$67,874 | \$1,771,059 |
| b. Annuitants | 119,382 | 757,260 | 0 | 630,580 | 100,022 | 66,677 | 380,617 |
| 2. Current Service Liability (Present Members) | | | | | | | |
| a. Total Actuarial Accrued Liability: (1) + (2) | \$787,245 | \$1,977,413 | \$39,229 | \$4,017,164 | \$317,921 | \$330,421 | \$4,899,374 |
| 3. Total Actuarial Accrued Liability | \$1,092,330 | \$2,981,735 | \$39,229 | \$5,496,694 | \$427,150 | \$464,972 | \$7,051,050 |
| 4. Actuarial value of assets | \$1,026,400 | \$2,151,856 | \$51,108 | \$4,132,599 | \$366,051 | \$404,143 | \$5,493,324 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$65,930 | \$829,879 | (\$11,879) | \$1,364,095 | \$61,099 | \$60,829 | \$1,557,726 |
| 6. Funded Ratio: (4) / (3) | 94.0% | 72.2% | 130.3% | 75.2% | 85.7% | 86.9% | 77.9% |
| 7. Annual Payroll | \$931,610 | \$839,380 | \$118,921 | \$2,109,994 | \$298,028 | \$210,933 | \$3,712,738 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 6.17% | 10.51% | 2.23% | 8.16% | 4.20% | 6.92% | 7.44% |
| Prior Service | 0.43% | 6.03% | -0.68% | 3.94% | 1.38% | 1.76% | 2.56% |
| Total Retirement | 6.60% | 16.54% | 1.55% | 12.10% | 5.58% | 8.68% | 10.00% |
| Supplemental Death | 0.16% | 0.23% | 0.00% | 0.30% | 0.43% | 0.00% | 0.17% |
| Total Rate | 6.76% | 16.77% | 1.55% | 12.40% | 6.01% | 8.68% | 10.17% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 5.83% | 14.70% | N/A | 9.72% | N/A | 6.93% | 8.88% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | 15.50% | 7.50% | 11.50% | 10.50% | 9.50% | 12.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 29 years | 24 years | 29 years | 29 years |
| Number of annuitants | 6 | 15 | 0 | 26 | 12 | 1 | 15 |
| Number of active contributing members | 24 | 20 | 4 | 69 | 10 | 6 | 94 |
| Number of inactive members | 29 | 5 | 0 | 27 | 8 | 3 | 49 |
| Average age of contributing members | 40.6 years | 44.3 years | 44.2 years | 46.9 years | 43.9 years | 48.4 years | 40.6 years |
| Average length of service of contributing members | 4.0 years | 11.7 years | 4.3 years | 9.9 years | 4.0 years | 6.9 years | 7.6 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Crystal Beach | Crystal City | Cuero | Cumby | Dainingerfield | Daisetta | Dalhart |
|---|---------------|--------------|--------------|--------------|----------------|--------------|--------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$0 | \$0 | \$681,969 | \$29,924 | \$152,794 | \$0 | \$119,212 |
| b. Annuitants | 52,523 | 9,573 | 1,258,845 | 0 | 118,865 | 0 | 121,210 |
| 2. Current Service Liability (Present Members) | 476 | 1,257,657 | 3,384,799 | 27,572 | 874,319 | \$82,260 | 3,229,806 |
| 3. Total Actuarial Liability (Present Members) | \$52,999 | \$1,267,230 | \$5,325,613 | \$57,496 | \$1,145,978 | \$82,260 | \$3,470,228 |
| 4. Actuarial value of assets | 243,595 | 1,430,299 | 3,325,494 | 19,080 | 934,052 | 99,560 | 2,887,058 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | (\$190,596) | (\$163,069) | \$2,000,119 | \$38,416 | \$211,926 | (\$17,300) | \$583,170 |
| 6. Funded Ratio: (4) / (3) | 459.6% | 112.9% | 62.4% | 33.2% | 81.5% | 121.0% | 83.2% |
| 7. Annual Payroll | \$0 | \$1,088,205 | \$2,418,085 | \$210,962 | \$627,121 | \$177,643 | \$1,903,722 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 0.00% | 4.63% | 5.43% | 3.08% | 4.50% | 2.25% | 5.42% |
| Prior Service | 0.00% | -1.01% | 5.05% | 1.23% | 2.06% | -0.66% | 2.07% |
| Total Retirement | 0.00% | 3.62% | 10.48% | 4.31% | 6.56% | 1.59% | 7.49% |
| Supplemental Death | 0.00% | 0.00% | 0.27% | 0.21% | 0.00% | 0.20% | 0.22% |
| Total Rate | 0.00% | 3.62% | 10.75% | 4.52% | 6.56% | 1.79% | 7.71% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 8.78% | N/A | 4.88% | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 11.50% | 11.50% | 9.50% | N/A | 9.50% | N/A | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 24 years | 29 years | 24 years | 24 years |
| Number of annuitants | 1 | 14 | 34 | 0 | 7 | 1 | 21 |
| Number of active contributing members | 0 | 52 | 76 | 9 | 18 | 8 | 56 |
| Number of inactive members | 1 | 32 | 23 | 2 | 8 | 13 | 39 |
| Average age of contributing members | | 43.6 years | 42.8 years | 45.5 years | 41.4 years | 44.9 years | 41.8 years |
| Average length of service of contributing members | | 7.1 years | 9.0 years | 5.5 years | 6.5 years | 3.3 years | 7.5 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$2,314,812 | \$62,008 | \$57,668 | \$822,961 | \$7,511 | \$2,472,695 | \$8,079,155 |
| b. Annuitants | 122,062 | 0 | 0 | 262,611 | 169,919 | 840,345 | 7,644,550 |
| 2. Current Service Liability (Present Members) | 1,129,198 | 51,375 | 51,079 | 2,222,697 | 222,206 | 5,944,858 | 43,527,572 |
| 3. Total Actuarial Liability (Present Members) | \$3,566,072 | \$113,383 | \$108,747 | \$3,308,269 | \$399,636 | \$9,257,898 | \$59,251,277 |
| 4. Actuarial value of assets | 1,428,679 | 42,589 | 92,949 | 2,283,967 | 326,525 | 5,336,099 | 41,676,831 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$2,137,393 | \$70,794 | \$15,798 | \$1,024,302 | \$73,111 | \$3,921,799 | \$17,574,446 |
| 6. Funded Ratio: (4) / (3) | 40.1% | 37.6% | 85.5% | 69.0% | 81.7% | 57.6% | 70.3% |
| 7. Annual Payroll | \$1,522,340 | \$270,462 | \$64,742 | \$2,303,725 | \$452,597 | \$4,780,048 | \$14,552,429 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 11.17% | 2.37% | 3.53% | 5.56% | 2.35% | 8.51% | 12.38% |
| Prior Service | 8.57% | 1.77% | 3.22% | 2.72% | 1.09% | 5.01% | 7.38% |
| Total Retirement | 19.74% | 4.14% | 6.75% | 8.28% | 3.44% | 13.52% | 19.76% |
| Supplemental Death | 0.12% | 0.15% | 0.17% | 0.24% | 0.29% | 0.20% | 0.21% |
| Total Rate | 19.86% | 4.29% | 6.92% | 8.52% | 3.73% | 13.72% | 19.97% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 15.45% | N/A | N/A | 7.72% | N/A | 12.43% | 16.84% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | N/A | 11.50% | 7.50% | 13.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 11 years | 29 years | 24 years | 29 years | 29 years |
| Number of annuitants | 3 | 0 | 0 | 16 | 4 | 20 | 131 |
| Number of active contributing members | 29 | 8 | 2 | 69 | 15 | 109 | 267 |
| Number of inactive members | 22 | 3 | 2 | 75 | 14 | 55 | 56 |
| Average age of contributing members | 36.2 years | 41.6 years | 46.8 years | 42.7 years | 42.7 years | 42.4 years | 41.0 years |
| Average length of service of contributing members | 8.4 years | 7.0 years | 5.0 years | 6.1 years | 5.8 years | 8.9 years | 12.0 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$8,079,155 | \$8,079,155 | \$8,079,155 | \$8,079,155 | \$8,079,155 | \$8,079,155 | \$8,079,155 |
| b. Annuitants | 7,644,550 | 7,644,550 | 7,644,550 | 7,644,550 | 7,644,550 | 7,644,550 | 7,644,550 |
| 2. Current Service Liability (Present Members) | 43,527,572 | 43,527,572 | 43,527,572 | 43,527,572 | 43,527,572 | 43,527,572 | 43,527,572 |
| 3. Total Actuarial Liability (Present Members) | \$59,251,277 | \$59,251,277 | \$59,251,277 | \$59,251,277 | \$59,251,277 | \$59,251,277 | \$59,251,277 |
| 4. Actuarial value of assets | 41,676,831 | 41,676,831 | 41,676,831 | 41,676,831 | 41,676,831 | 41,676,831 | 41,676,831 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$17,574,446 | \$17,574,446 | \$17,574,446 | \$17,574,446 | \$17,574,446 | \$17,574,446 | \$17,574,446 |
| 6. Funded Ratio: (4) / (3) | 70.3% | 70.3% | 70.3% | 70.3% | 70.3% | 70.3% | 70.3% |
| 7. Annual Payroll | \$14,552,429 | \$14,552,429 | \$14,552,429 | \$14,552,429 | \$14,552,429 | \$14,552,429 | \$14,552,429 |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Dekalb | Del Rio | Dell City | Denison | Denton | Denver City | Deport |
|---|------------|--------------|------------|--------------|---------------|-------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$55,550 | \$6,146,498 | \$70,295 | \$5,861,370 | \$41,903,487 | \$743,857 | \$53,762 |
| a. Present Members | 2,422 | 2,026,342 | 0 | 5,197,230 | 26,820,667 | 1,467,997 | 13,208 |
| b. Annuitants | 278,846 | 4,153,665 | 211,629 | 23,620,479 | 126,314,171 | 3,018,171 | 16,251 |
| 2. Current Service Liability (Present Members) | \$336,818 | \$12,326,505 | \$281,924 | \$34,679,079 | \$195,038,325 | \$5,229,864 | \$83,221 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 346,423 | 4,931,981 | 245,302 | 23,453,172 | 122,458,472 | 3,990,696 | 58,767 |
| 4. Actuarial value of assets | (89,605) | \$7,394,524 | \$36,622 | \$11,225,907 | \$72,579,853 | \$1,239,168 | \$24,454 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 102.9% | 40.0% | 87.0% | 67.6% | 62.8% | 76.3% | 70.6% |
| 6. Funded Ratio: (4) / (3) | \$358,391 | \$14,542,929 | \$104,259 | \$8,926,127 | \$55,905,136 | \$1,141,059 | \$34,279 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | 3.47% | 3.58% | 10.45% | 11.21% | 11.22% | 10.28% | 5.00% |
| Normal Cost | -0.18% | 3.11% | 2.15% | 7.68% | 7.92% | 6.63% | 7.52% |
| Prior Service | 3.29% | 6.69% | 12.60% | 18.89% | 19.14% | 16.91% | 12.52% |
| Total Retirement | 0.24% | 0.21% | 0.58% | 0.00% | 0.19% | 0.23% | 0.30% |
| Supplemental Death | 3.53% | 6.90% | 13.18% | 18.89% | 19.33% | 17.14% | 12.82% |
| Total Rate | N/A | 6.69% | 11.99% | 14.30% | 15.41% | 13.98% | N/A |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 8.50% | N/A | 11.50% | N/A | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | | | | | | | |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 29 years | 29 years | 16 years |
| Number of annuitants | 4 | 26 | 0 | 90 | 324 | 12 | 1 |
| Number of active contributing members | 14 | 448 | 3 | 221 | 1,014 | 31 | 1 |
| Number of inactive members | 7 | 88 | 0 | 85 | 357 | 18 | 1 |
| Average age of contributing members | 47.7 years | 42.2 years | 54.3 years | 43.7 years | 42.1 years | 42.4 years | 43.4 years |
| Average length of service of contributing members | 5.4 years | 7.9 years | 16.6 years | 10.6 years | 10.5 years | 11.5 years | 0.3 years |

| | DeSoto | DeSoto Econ Dev Corp | Devine | Diboll | Dickens | Dickinson | Dilley |
|---|--------------|----------------------|-------------|-------------|------------|-------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$15,252,724 | \$29,043 | \$852,751 | \$711,228 | \$20 | \$1,645,944 | \$114,123 |
| a. Present Members | 9,122,497 | 39,624 | 206,194 | 1,082,490 | 0 | 78,276 | 222,844 |
| b. Annuitants | 40,546,890 | 126,704 | 495,935 | 2,690,826 | 6,112 | 4,788,012 | 547,591 |
| 2. Current Service Liability (Present Members) | \$64,922,111 | \$195,371 | \$1,554,880 | \$4,484,544 | \$6,132 | \$6,512,232 | \$884,358 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 43,573,138 | 98,835 | 656,224 | 3,093,424 | 9,420 | 5,449,947 | 711,495 |
| 4. Actuarial value of assets | \$21,348,973 | \$96,536 | \$898,656 | \$1,391,120 | (\$3,288) | \$1,062,285 | \$172,863 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 67.1% | 50.6% | 42.2% | 69.0% | 153.6% | 83.7% | 80.5% |
| 6. Funded Ratio: (4) / (3) | \$16,972,795 | \$49,183 | \$1,161,482 | \$1,491,231 | \$49,160 | \$3,714,590 | \$733,483 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | 11.54% | 14.00% | 5.70% | 8.61% | 1.98% | 7.73% | 3.04% |
| Normal Cost | 7.68% | 23.93% | 4.72% | 5.70% | -0.45% | 1.93% | 1.60% |
| Prior Service | 19.22% | 37.93% | 10.42% | 14.31% | 1.53% | 9.66% | 4.64% |
| Total Retirement | 0.17% | 1.04% | 0.19% | 0.17% | 0.03% | 0.21% | 0.16% |
| Supplemental Death | 19.39% | 38.97% | 10.61% | 14.48% | 1.56% | 9.87% | 4.80% |
| Total Rate | 16.07% | N/A | 8.09% | 11.79% | N/A | N/A | N/A |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | 13.50% | N/A | 13.50% | 7.50% |
| Statutory Maximum Rate (Total Retirement Only) | | | | | | | |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 4 years | 29 years | 29 years | 24 years | 24 years | 24 years |
| Number of annuitants | 116 | 2 | 18 | 18 | 0 | 9 | 11 |
| Number of active contributing members | 295 | 1 | 47 | 47 | 3 | 3 | 25 |
| Number of inactive members | 159 | 1 | 31 | 31 | 1 | 51 | 16 |
| Average age of contributing members | 41.0 years | 61.0 years | 38.9 years | 38.9 years | 25.7 years | 43.0 years | 39.8 years |
| Average length of service of contributing members | 11.3 years | 10.8 years | 8.2 years | 8.2 years | 1.1 years | 8.4 years | 8.7 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Dimmitt | Donna | Double Oak | Dripping Springs | Dublin | Dumas | Duncanville |
|---|-------------|--------------|-------------|------------------|-------------|-------------|--------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$155,859 | \$659,541 | \$47 | \$13,476 | \$359,536 | \$967,442 | \$1,028,881 |
| a. Present Members | 237,893 | 109,198 | 10,863 | 0 | 110,235 | 1,967,386 | 6,643,500 |
| b. Annuitants | 1,532,787 | 1,719,228 | 129,754 | 80,340 | 982,244 | 4,886,331 | 40,122,624 |
| 2. Current Service Liability (Present Members) | \$1,926,539 | \$2,487,967 | \$140,664 | \$93,816 | \$1,452,015 | \$7,821,159 | \$47,795,005 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 1,782,705 | 2,402,514 | 145,032 | 80,454 | 1,022,958 | 5,579,585 | 39,951,321 |
| 4. Actuarial value of assets | \$143,834 | \$85,453 | (\$4,368) | \$13,362 | \$429,057 | \$2,241,574 | \$7,843,684 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 92.5% | 96.6% | 103.1% | 85.8% | 70.5% | 71.3% | 83.6% |
| 6. Funded Ratio: (4) / (3) | \$692,269 | \$2,156,982 | \$436,413 | \$288,969 | \$967,418 | \$4,300,709 | \$13,481,452 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 9.19% | 3.79% | 2.16% | 2.52% | 4.92% | 4.81% | 8.57% |
| Prior Service | 1.26% | 0.24% | -0.07% | 0.31% | 2.71% | 3.18% | 3.55% |
| Total Retirement | 10.45% | 4.03% | 2.09% | 2.83% | 7.63% | 7.99% | 12.12% |
| Supplemental Death | 0.00% | 0.24% | 0.26% | 0.14% | 0.22% | 0.19% | 0.00% |
| Total Rate | 10.45% | 4.27% | 2.35% | 2.97% | 7.85% | 8.18% | 12.12% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 8.94% | 3.43% | N/A | N/A | 7.38% | 7.10% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 12.50% | 7.50% | N/A | N/A | 11.50% | 9.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 24 years | 29 years | 29 years | 29 years |
| Number of annuitants | 13 | 11 | 1 | 0 | 7 | 47 | 131 |
| Number of active contributing members | 28 | 68 | 10 | 6 | 33 | 111 | 237 |
| Number of inactive members | 9 | 53 | 6 | 1 | 44 | 59 | 100 |
| Average age of contributing members | 48.5 years | 43.9 years | 42.3 years | 41.6 years | 39.8 years | 39.4 years | 41.6 years |
| Average length of service of contributing members | 8.0 years | 7.7 years | 3.7 years | 4.5 years | 6.8 years | 6.9 years | 11.2 years |
| | | | | | | | |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$403,032 | \$4,708,958 | \$203,394 | \$18,566 | \$40,025 | \$141,366 | \$363,552 |
| a. Present Members | 289,926 | 4,588,006 | 65,081 | 55,868 | 0 | 40,402 | 202,381 |
| b. Annuitants | 1,349,178 | 21,150,277 | 903,868 | 43,025 | 89,707 | 245,525 | 1,016,553 |
| 2. Current Service Liability (Present Members) | \$2,042,136 | \$30,447,241 | \$1,172,343 | \$117,459 | \$129,732 | \$427,293 | \$1,582,486 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 1,786,129 | 23,872,840 | 1,125,665 | 68,228 | 65,534 | 323,115 | 1,166,037 |
| 4. Actuarial value of assets | \$256,007 | \$6,574,401 | \$46,678 | \$49,231 | \$64,198 | \$104,178 | \$416,449 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 87.5% | 78.4% | 96.0% | 58.1% | 50.5% | 75.6% | 73.7% |
| 6. Funded Ratio: (4) / (3) | \$784,184 | \$11,991,258 | \$797,979 | \$101,052 | \$101,181 | \$223,864 | \$1,055,390 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 8.68% | 9.11% | 5.05% | 2.73% | 6.66% | 8.80% | 6.30% |
| Prior Service | 2.00% | 3.34% | 0.40% | 3.29% | 4.29% | 3.15% | 2.41% |
| Total Retirement | 10.68% | 12.45% | 5.45% | 6.02% | 10.95% | 11.95% | 8.71% |
| Supplemental Death | 0.30% | 0.23% | 0.27% | 0.56% | 0.24% | 0.35% | 0.00% |
| Total Rate | 10.98% | 12.68% | 5.72% | 6.58% | 11.19% | 12.30% | 8.71% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 9.55% | 9.86% | N/A | N/A | 4.68% | N/A | 7.30% |
| Statutory Maximum Rate (Total Retirement Only) | 12.50% | 11.50% | 9.50% | N/A | N/A | N/A | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 24 years | 24 years | 24 years | 29 years |
| Number of annuitants | 6 | 108 | 7 | 1 | 0 | 1 | 9 |
| Number of active contributing members | 25 | 375 | 24 | 5 | 3 | 7 | 34 |
| Number of inactive members | 20 | 71 | 7 | 5 | 1 | 2 | 26 |
| Average age of contributing members | 42.8 years | 42.2 years | 42.6 years | 53.4 years | 50.0 years | 51.8 years | 43.5 years |
| Average length of service of contributing members | 8.8 years | 9.3 years | 7.8 years | 4.1 years | 20.5 years | 7.7 years | 7.0 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Ector | Eden | Edgewood | Edinburg | Edna | El Campo | Elmorado |
|---|------------|------------|------------|--------------|-------------|--------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$1,341 | \$95,613 | \$23,133 | \$14,904,805 | \$712,106 | \$2,040,421 | \$264,413 |
| b. Annuitants | 3,681 | 122,262 | 47,431 | 6,911,284 | 565,583 | 1,797,648 | 125,646 |
| 2. Current Service Liability (Present Members) | 40,724 | 589,591 | 85,652 | 30,109,622 | 2,256,389 | 10,620,179 | 823,027 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$45,746 | \$807,466 | \$108,783 | \$51,925,711 | \$3,534,078 | \$14,438,248 | \$1,213,086 |
| 4. Actuarial value of assets | 49,074 | 585,652 | 104,036 | 31,769,961 | 2,142,042 | 10,246,891 | 903,610 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | (\$3,328) | \$221,814 | \$52,180 | \$20,155,750 | \$1,392,036 | \$4,211,357 | \$309,476 |
| 6. Funded Ratio: (4) / (3) | 107.3% | 72.5% | 66.6% | 61.2% | 60.6% | 70.9% | 74.5% |
| 7. Annual Payroll | \$116,436 | \$435,096 | \$195,640 | \$21,392,021 | \$1,543,742 | \$4,170,422 | \$435,332 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.67% | 4.83% | 1.98% | 9.00% | 7.48% | 7.64% | 6.81% |
| Prior Service | -0.20% | 3.11% | 1.80% | 5.75% | 5.50% | 6.16% | 4.34% |
| Total Retirement | 2.47% | 7.94% | 3.78% | 14.75% | 12.98% | 13.80% | 11.15% |
| Supplemental Death | 0.30% | 0.36% | 0.22% | 0.17% | 0.26% | 0.27% | 0.31% |
| Total Rate | 2.77% | 8.30% | 4.00% | 14.92% | 13.24% | 14.07% | 11.46% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 6.33% | N/A | 11.90% | 11.05% | 10.73% | 9.51% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 7.50% | N/A | 13.50% | 11.50% | N/A | 10.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 24 years | 29 years | 29 years | 29 years | 29 years |
| Number of annuitants | 1 | 7 | 5 | 108 | 19 | 40 | 6 |
| Number of active contributing members | 3 | 15 | 6 | 626 | 41 | 99 | 20 |
| Number of inactive members | 0 | 8 | 6 | 196 | 19 | 42 | 7 |
| Average age of contributing members | 51.2 years | 52.0 years | 45.1 years | 40.0 years | 42.1 years | 44.1 years | 35.1 years |
| Average length of service of contributing members | 5.1 years | 8.8 years | 3.3 years | 7.8 years | 9.9 years | 13.3 years | 6.3 years |

| | Electra | Elgin | Elkhart | Elmendorf | Emory | Emmis | Eutaw |
|---|-------------|-------------|------------|------------|------------|--------------|--------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$206,724 | \$899,159 | \$156,757 | \$9,033 | \$27,772 | \$8,303,838 | \$17,340,310 |
| b. Annuitants | 274,484 | 140,525 | 23,820 | 0 | 9,012 | 3,188,380 | 13,496,419 |
| 2. Current Service Liability (Present Members) | 882,686 | 2,994,125 | 293,228 | 18,381 | 454,089 | 22,646,174 | 65,726,168 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$1,363,894 | \$4,033,809 | \$473,805 | \$27,414 | \$490,873 | \$34,138,392 | \$96,562,897 |
| 4. Actuarial value of assets | 1,032,093 | 3,127,159 | 331,711 | 16,417 | 514,299 | 23,553,842 | 67,152,370 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$331,801 | \$906,650 | \$142,094 | \$10,997 | (\$23,426) | \$10,584,550 | \$29,410,527 |
| 6. Funded Ratio: (4) / (3) | 75.7% | 77.5% | 70.0% | 59.9% | 104.8% | 69.0% | 69.5% |
| 7. Annual Payroll | \$928,417 | \$2,491,018 | \$206,043 | \$194,536 | \$631,889 | \$7,935,316 | \$22,690,833 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 3.19% | 7.53% | 5.83% | 2.33% | 4.99% | 13.85% | 12.68% |
| Prior Service | 2.41% | 2.22% | 4.21% | 0.34% | -0.25% | 8.15% | 7.92% |
| Total Retirement | 5.60% | 9.75% | 10.04% | 2.67% | 4.74% | 22.00% | 20.60% |
| Supplemental Death | 0.38% | 0.22% | 0.00% | 0.40% | 0.32% | 0.26% | 0.19% |
| Total Rate | 5.98% | 9.97% | 10.04% | 3.07% | 5.06% | 22.26% | 20.79% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 8.12% | 8.33% | 2.37% | N/A | 16.47% | 16.49% |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | 12.50% | N/A | N/A | 11.50% | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 24 years | 29 years | 29 years |
| Number of annuitants | 11 | 7 | 1 | 0 | 1 | 76 | 127 |
| Number of active contributing members | 32 | 63 | 6 | 7 | 18 | 167 | 383 |
| Number of inactive members | 31 | 42 | 6 | 3 | 7 | 36 | 142 |
| Average age of contributing members | 43.5 years | 45.1 years | 51.3 years | 47.8 years | 51.6 years | 44.6 years | 42.2 years |
| Average length of service of contributing members | 8.8 years | 7.1 years | 11.6 years | 2.5 years | 7.6 years | 12.6 years | 12.0 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Estacade | Everman | Fair Oaks Ranch | Fairfield | Fairview | Fallfurrias | Fallfurrias Utility Board |
|---|------------|-------------|-----------------|-------------|-------------|-------------|---------------------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$0 | \$943,469 | \$478,175 | \$155,488 | \$206,409 | \$143,199 | \$44,763 |
| a. Present Members | 0 | 325,373 | 27,053 | 205,056 | 13,540 | 88,960 | 216,155 |
| b. Annuitants | 190,298 | 1,904,607 | 1,464,019 | 1,849,542 | 1,137,081 | 573,953 | 357,848 |
| 2. Current Service Liability (Present Members) | \$190,298 | \$3,173,449 | \$1,969,247 | \$2,210,086 | \$1,357,030 | \$806,112 | \$618,766 |
| 3. Total Actuarial Liability (1) + (2) | 222,298 | 2,524,638 | 1,572,738 | 2,213,516 | 1,040,910 | 691,593 | 360,604 |
| 4. Actuarial value of assets | (\$32,310) | \$648,811 | \$396,509 | (\$3,430) | \$316,120 | \$114,519 | \$258,162 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 117.0% | 79.6% | 79.9% | 100.2% | 76.7% | 85.8% | 58.3% |
| 6. Funded Ratio: (4) / (3) | \$329,628 | \$1,444,742 | \$1,506,382 | \$1,616,003 | \$1,570,628 | \$625,547 | \$354,642 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.92% | 7.10% | 9.21% | 6.04% | 5.53% | 3.17% | 3.38% |
| Prior Service | -0.66% | 2.75% | 1.60% | -0.02% | 1.36% | 1.24% | 4.92% |
| Total Retirement | 2.26% | 9.85% | 10.81% | 6.02% | 6.89% | 4.41% | 8.30% |
| Supplemental Death | 0.25% | 0.26% | 0.18% | 0.29% | 0.25% | 0.33% | 0.34% |
| Total Rate | 2.51% | 10.11% | 10.99% | 6.31% | 7.14% | 4.74% | 8.64% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 8.51% | 9.70% | N/A | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 9.50% | 11.50% | 13.50% | 11.50% | N/A | 7.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 24 years | 24 years | 24 years | 24 years |
| Number of annuitants | 4 | 12 | 2 | 11 | 2 | 4 | 5 |
| Number of active contributing members | 12 | 39 | 36 | 42 | 32 | 22 | 11 |
| Number of inactive members | 7 | 42 | 22 | 28 | 20 | 8 | 5 |
| Average age of contributing members | 40.0 years | 44.4 years | 41.0 years | 45.7 years | 44.4 years | 49.1 years | 46.8 years |
| Average length of service of contributing members | 4.0 years | 9.3 years | 4.5 years | 6.1 years | 7.3 years | 12.2 years | 12.1 years |

| | Falls City | Farmers Branch | Farmersville | Farwell | Fate | Fayetteville | Ferris |
|---|------------|----------------|--------------|------------|------------|--------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$9,701 | \$19,535,730 | \$774,467 | \$91,995 | \$57,210 | \$0 | \$388,302 |
| a. Present Members | 47,130 | 22,996,473 | 485,260 | 253,033 | 88,118 | 10,543 | 247,827 |
| b. Annuitants | 70,993 | 83,261,547 | 1,904,871 | 188,374 | 177,685 | 17,529 | 1,333,446 |
| 2. Current Service Liability (Present Members) | \$127,824 | \$125,793,750 | \$3,164,598 | \$533,402 | \$323,013 | \$28,072 | \$1,969,575 |
| 3. Total Actuarial Liability (1) + (2) | 56,110 | 82,917,572 | 2,148,194 | 237,293 | 173,799 | 32,629 | 1,502,065 |
| 4. Actuarial value of assets | \$71,714 | \$42,876,178 | \$1,016,404 | \$296,109 | \$149,214 | (\$4,557) | \$467,510 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 43.9% | 65.9% | 67.9% | 44.5% | 53.8% | 116.2% | 76.3% |
| 6. Funded Ratio: (4) / (3) | \$65,831 | \$26,427,295 | \$1,050,868 | \$153,419 | \$516,015 | \$44,441 | \$1,140,813 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 4.60% | 12.25% | 8.79% | 9.50% | 3.64% | 5.00% | 4.69% |
| Prior Service | 6.65% | 9.90% | 5.91% | 11.79% | 1.95% | -0.69% | 2.50% |
| Total Retirement | 11.25% | 22.15% | 14.70% | 21.29% | 5.59% | 4.31% | 7.19% |
| Supplemental Death | 0.43% | 0.15% | 0.29% | 0.14% | 0.14% | 0.00% | 0.30% |
| Total Rate | 11.68% | 22.30% | 14.99% | 21.43% | 5.73% | 4.31% | 7.49% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 10.63% | 17.71% | 11.97% | 16.24% | N/A | N/A | 6.17% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | N/A | N/A | N/A | N/A | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 24 years | 24 years | 29 years |
| Number of annuitants | 1 | 201 | 10 | 2 | 1 | 1 | 10 |
| Number of active contributing members | 3 | 405 | 22 | 6 | 13 | 1 | 35 |
| Number of inactive members | 4 | 187 | 9 | 3 | 8 | 0 | 29 |
| Average age of contributing members | 51.1 years | 41.5 years | 44.9 years | 40.9 years | 38.4 years | 43.5 years | 41.8 years |
| Average length of service of contributing members | 2.4 years | 11.5 years | 11.0 years | 8.1 years | 5.8 years | 5.3 years | 6.9 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Platonia | Florence | Floresville | Flower Mound | Floydada | Forest Hill | Forney |
|---|--|--|--|---|---|---|---|
| SUMMARY OF ACTUARIAL INFORMATION 1. Prior Service Liability a. Present Members b. Annuitants 2. Current Service Liability (Present Members) 3. Total Actuarial Accrued Liability: (1) + (2) 4. Actuarial value of assets 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) 6. Funded Ratio: (4) / (3) 7. Annual Payroll | \$577,079 237,183 1,161,918 \$1,976,180 1,290,943 \$685,237 65.3% \$572,203 | \$12,072 4,517 119,594 \$136,183 105,628 \$30,555 77.6% \$260,796 | \$878,629 333,190 1,971,808 \$3,183,627 1,848,322 \$1,335,305 58.1% \$1,958,303 | \$9,988,384 2,404,245 35,692,761 \$48,085,418 37,936,243 \$10,149,175 78.9% \$23,781,352 | \$415,586 821,245 1,364,814 \$2,601,645 1,659,864 \$941,781 63.8% \$861,551 | \$2,411,503 1,226,292 6,715,087 \$10,352,882 7,071,112 \$3,281,770 68.3% \$4,253,579 | \$3,038,520 175,815 3,968,745 \$7,183,080 4,128,530 \$3,054,550 57.5% \$4,202,611 |
| CITY CONTRIBUTION RATES FOR 2010 Retirement Normal Cost Prior Service Total Retirement Supplemental Death Total Rate Phase-In Rate (Minimum Contribution), Incl. Supplemental Death Statutory/Maximum Rate (Total Retirement Only) | 12.42% 7.31% 19.73% 0.20% 19.93% 16.90% N/A | 3.84% 0.79% 4.63% 0.12% 4.75% N/A N/A | 6.99% 4.16% 11.15% 0.00% 11.15% 9.08% 11.50% | 8.27% 2.88% 11.15% 0.15% 11.30% N/A 13.50% | 7.96% 6.68% 14.64% 0.43% 15.07% 12.06% N/A | 9.02% 4.72% 13.74% 0.13% 13.87% 11.83% 13.50% | 8.53% 4.44% 12.97% 0.15% 13.12% 11.75% 13.50% |
| ADDITIONAL INFORMATION Amortization period as of 1/2010 Number of annuitants Number of active contributing members Number of inactive members Average age of contributing members Average length of service of contributing members | 29 years 8 16 4 46.6 years 9.7 years | 24 years 1 8 8 40.3 years 5.2 years | 29 years 14 55 16 44.8 years 7.9 years | 24 years 73 485 231 39.4 years 8.4 years | 29 years 16 20 4 43.2 years 11.6 years | 29 years 37 86 59 37.9 years 7.3 years | 29 years 8 85 27 37.9 years 7.2 years |
| | Fort Stockton | Franklin | Frankston | Fredericksburg | Freeport | Freer | Friendswood |
| SUMMARY OF ACTUARIAL INFORMATION 1. Prior Service Liability a. Present Members b. Annuitants 2. Current Service Liability (Present Members) 3. Total Actuarial Accrued Liability: (1) + (2) 4. Actuarial value of assets 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) 6. Funded Ratio: (4) / (3) 7. Annual Payroll | \$1,770,221 1,339,059 4,334,148 \$7,443,428 3,920,750 \$3,522,678 52.7% \$3,906,050 | \$6,545 72,333 257,064 \$335,942 304,159 \$31,783 90.5% \$379,348 | \$32,300 93,844 139,507 \$265,651 154,207 \$111,444 58.0% \$305,928 | \$3,110,046 1,572,984 14,704,009 \$19,387,039 14,348,595 \$5,038,444 74.0% \$6,786,501 | \$2,287,491 2,390,078 6,026,462 \$10,704,031 7,059,241 \$3,644,790 65.9% \$4,362,156 | \$139,008 216,686 191,074 \$546,768 237,733 \$309,035 43.5% \$491,825 | \$9,484,911 5,179,305 20,593,764 \$35,257,980 22,413,171 \$12,844,809 63.6% \$10,885,990 |
| CITY CONTRIBUTION RATES FOR 2010 Retirement Normal Cost Prior Service Total Retirement Supplemental Death Total Rate Phase-In Rate (Minimum Contribution), Incl. Supplemental Death Statutory/Maximum Rate (Total Retirement Only) | 6.52% 5.50% 12.02% 0.26% 12.28% 10.58% 11.50% | 2.47% 0.57% 3.04% 0.00% 3.04% N/A 7.50% | 2.76% 2.47% 5.23% 0.46% 5.69% N/A N/A | 9.02% 4.53% 13.55% 0.00% 13.55% 11.68% 11.50% | 7.90% 5.10% 13.00% 0.22% 13.22% 10.09% 13.50% | 3.83% 3.83% 7.66% 0.27% 7.93% 6.50% N/A | 10.69% 7.20% 17.89% 0.19% 18.08% 15.20% N/A |
| ADDITIONAL INFORMATION Amortization period as of 1/2010 Number of annuitants Number of active contributing members Number of inactive members Average age of contributing members Average length of service of contributing members | 29 years 40 96 40 40.1 years 6.5 years | 24 years 2 11 5 41.7 years 6.8 years | 24 years 3 11 6 45.3 years 4.3 years | 29 years 58 158 32 45.0 years 12.5 years | 29 years 47 116 85 39.1 years 5.8 years | 29 years 5 21 4 42.6 years 5.0 years | 29 years 59 196 87 41.7 years 9.7 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Frisco | Fritch | Frost | Gainesville | Galena Park | Gamado |
|---|---------------|-------------|------------|--------------|-------------|--------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | |
| 1. Prior Service Liability | | | | | | |
| a. Present Members | \$21,716,123 | \$125,542 | \$67,835 | \$3,597,635 | \$1,616,528 | \$194,379 |
| b. Annuitants | 2,243,429 | 9,513 | 0 | 3,940,645 | 1,918,267 | 87,192 |
| 2. Current Service Liability (Present Members) | 45,473,375 | 565,829 | 142,920 | 13,671,317 | 5,831,536 | 1,077,324 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$69,432,927 | \$700,884 | \$210,755 | \$21,209,597 | \$9,366,351 | \$1,358,895 |
| 4. Actuarial value of assets | 45,052,093 | 946,803 | 183,957 | 12,398,695 | 6,122,751 | 1,277,454 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$24,380,834 | (\$245,919) | \$26,798 | \$8,810,902 | \$3,243,600 | \$81,441 |
| 6. Funded Ratio: (4) / (3) | 64.9% | 135.1% | 87.3% | 58.5% | 65.4% | 94.0% |
| 7. Annual Payroll | \$47,557,468 | \$770,973 | \$141,481 | \$9,661,222 | \$2,743,196 | \$434,836 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | |
| Retirement | | | | | | |
| Normal Cost | 8.84% | 7.00% | 4.50% | 5.96% | 10.09% | 9.60% |
| Prior Service | 3.13% | -2.16% | 1.15% | 5.56% | 7.22% | 1.14% |
| Total Retirement | 11.97% | 4.84% | 5.65% | 11.52% | 17.31% | 10.74% |
| Supplemental Death | 0.14% | 0.28% | 0.00% | 0.25% | 0.34% | 0.31% |
| Total Rate | 12.11% | 5.12% | 5.65% | 11.77% | 17.65% | 11.05% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 10.68% | N/A | 5.00% | 8.88% | 14.68% | 9.08% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | 13.50% | 7.50% | 9.50% | N/A | 13.50% |
| ADDITIONAL INFORMATION | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 29 years | 29 years |
| Number of annuitants | 35 | 3 | 0 | 94 | 41 | 6 |
| Number of active contributing members | 800 | 21 | 5 | 226 | 69 | 11 |
| Number of inactive members | 230 | 19 | 1 | 87 | 42 | 6 |
| Average age of contributing members | 38.5 years | 41.8 years | 48.3 years | 42.2 years | 41.9 years | 47.8 years |
| Average length of service of contributing members | 6.9 years | 3.9 years | 11.4 years | 9.4 years | 8.9 years | 6.4 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | |
| 1. Prior Service Liability | | | | | | |
| a. Present Members | \$44,953,969 | \$158,890 | \$81,569 | \$1,316,012 | \$200,233 | \$15,949,066 |
| b. Annuitants | 58,328,593 | 56,099 | 25,165 | 1,454,924 | 136,995 | 3,084,394 |
| 2. Current Service Liability (Present Members) | 352,800,995 | 810,325 | 140,044 | 4,315,417 | 172,146 | 33,372,224 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$456,083,557 | \$1,025,314 | \$246,778 | \$7,086,353 | \$509,374 | \$52,405,684 |
| 4. Actuarial value of assets | 347,564,834 | 866,710 | 182,624 | 4,357,183 | 212,484 | 34,184,686 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$108,518,723 | \$158,604 | \$64,154 | \$2,729,170 | \$296,890 | \$18,220,998 |
| 6. Funded Ratio: (4) / (3) | 76.2% | 84.5% | 74.0% | 61.5% | 41.7% | 65.2% |
| 7. Annual Payroll | \$119,081,305 | \$269,392 | \$165,218 | \$2,581,052 | \$715,107 | \$23,534,408 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | |
| Retirement | | | | | | |
| Normal Cost | 11.30% | 12.63% | 5.15% | 9.80% | 3.06% | 10.64% |
| Prior Service | 5.56% | 3.60% | 2.37% | 6.45% | 2.80% | 4.73% |
| Total Retirement | 16.86% | 16.23% | 7.52% | 16.25% | 5.86% | 15.37% |
| Supplemental Death | 0.21% | 0.48% | 0.00% | 0.26% | 0.18% | 0.15% |
| Total Rate | 17.07% | 16.71% | 7.52% | 16.51% | 6.04% | 15.52% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 16.69% | 15.38% | 5.30% | 13.76% | N/A | 12.61% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | 7.50% | 13.50% | N/A | 13.50% |
| ADDITIONAL INFORMATION | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 24 years | 29 years |
| Number of annuitants | 894 | 2 | 2 | 32 | 2 | 75 |
| Number of active contributing members | 1,977 | 7 | 4 | 69 | 25 | 443 |
| Number of inactive members | 19 | 6 | 4 | 17 | 13 | 143 |
| Average age of contributing members | 43.3 years | 52.6 years | 40.8 years | 43.9 years | 42.9 years | 40.8 years |
| Average length of service of contributing members | 10.7 years | 12.9 years | 8.2 years | 9.6 years | 7.2 years | 7.7 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Grand Prairie | Grand Saline | Grandview | Granger | Granite Shoals | Grapeland | Grapevine |
|---|---------------|--------------|-------------|-------------|----------------|--------------|---------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$55,506,469 | \$314,912 | \$50,386 | \$4,398 | \$79,717 | \$55,753 | \$29,511,405 |
| b. Annuitants | 38,973,952 | 186,173 | 78,087 | 2,426 | 12,691 | 137,434 | 14,370,234 |
| 2. Current Service Liability (Present Members) | 176,181,202 | 1,168,006 | 512,773 | 218,720 | 288,906 | 253,737 | 79,561,321 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$270,661,623 | \$1,669,091 | \$641,246 | \$225,544 | \$381,314 | \$446,924 | \$123,442,960 |
| 4. Actuarial value of assets | 184,115,536 | 1,302,752 | 669,705 | 256,302 | 325,458 | 271,037 | 77,458,889 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$86,546,087 | \$366,339 | (\$28,459) | (\$30,758) | \$55,856 | \$175,887 | \$45,984,071 |
| 6. Funded Ratio: (4) / (3) | 68.0% | 78.1% | 104.4% | 113.6% | 85.4% | 60.6% | 62.7% |
| 7. Annual Payroll | \$67,018,137 | \$1,015,226 | \$577,824 | \$300,644 | \$957,015 | \$340,034 | \$34,375,838 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 12.38% | 4.74% | 4.26% | 2.86% | 2.01% | 4.75% | 12.09% |
| Prior Service | 7.88% | 2.20% | -0.34% | -0.69% | 0.39% | 3.15% | 8.17% |
| Total Retirement | 20.26% | 6.94% | 3.92% | 2.17% | 2.40% | 7.90% | 20.26% |
| Supplemental Death | 0.19% | 0.25% | 0.00% | 0.00% | 0.18% | 0.00% | 0.00% |
| Total Rate | 20.45% | 7.19% | 3.92% | 2.17% | 2.58% | 7.90% | 20.26% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 16.28% | 5.91% | N/A | N/A | N/A | 6.31% | 15.52% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 9.50% | 11.50% | 7.50% | N/A | 7.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 24 years | 24 years | 29 years | 29 years |
| Number of annuitants | 394 | 10 | 4 | 2 | 1 | 5 | 177 |
| Number of active contributing members | 1,163 | 30 | 14 | 9 | 25 | 11 | 547 |
| Number of inactive members | 317 | 19 | 15 | 9 | 21 | 2 | 220 |
| Average age of contributing members | 42.5 years | 43.1 years | 38.6 years | 54.0 years | 44.9 years | 48.8 years | 43.8 years |
| Average length of service of contributing members | 11.5 years | 8.3 years | 5.7 years | 6.3 years | 5.7 years | 6.9 years | 11.4 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$12,459,858 | \$24,048 | \$1,080,452 | \$195,557 | \$3,257 | \$4,220,568 | \$0 |
| b. Annuitants | 11,860,841 | 99,945 | 864,671 | 80,779 | 18,726 | 2,217,502 | 10,298 |
| 2. Current Service Liability (Present Members) | 42,012,513 | 143,979 | 3,224,240 | 381,773 | 50,570 | 15,662,649 | 50,145 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$66,333,212 | \$267,972 | \$5,169,363 | \$658,109 | \$72,553 | \$22,100,719 | \$60,443 |
| 4. Actuarial value of assets | 41,923,622 | 261,102 | 3,304,380 | 404,188 | 62,539 | 16,258,949 | 55,474 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$24,409,590 | \$6,870 | \$1,864,983 | \$253,921 | \$10,014 | \$5,841,770 | \$4,969 |
| 6. Funded Ratio: (4) / (3) | 63.2% | 97.4% | 63.9% | 61.4% | 86.2% | 73.6% | 91.8% |
| 7. Annual Payroll | \$14,952,289 | \$246,807 | \$1,519,711 | \$1,142,054 | \$119,984 | \$6,233,597 | \$148,447 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 12.54% | 5.09% | 10.88% | 2.51% | 3.25% | 9.59% | 2.64% |
| Prior Service | 9.97% | 0.17% | 7.50% | 1.50% | 0.51% | 5.72% | 0.22% |
| Total Retirement | 22.51% | 5.26% | 18.38% | 4.01% | 3.76% | 15.31% | 2.86% |
| Supplemental Death | 0.24% | 0.18% | 0.25% | 0.30% | 0.00% | 0.00% | 0.23% |
| Total Rate | 22.75% | 5.44% | 18.63% | 4.31% | 3.76% | 15.31% | 3.09% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 18.07% | 3.63% | 14.83% | N/A | 3.37% | 15.01% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 9.50% | N/A | N/A | 7.50% | N/A | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 24 years | 29 years | 29 years | 24 years |
| Number of annuitants | 158 | 1 | 12 | 6 | 4 | 58 | 2 |
| Number of active contributing members | 325 | 7 | 29 | 36 | 4 | 104 | 6 |
| Number of inactive members | 128 | 7 | 8 | 10 | 2 | 30 | 5 |
| Average age of contributing members | 44.4 years | 40.6 years | 44.6 years | 48.0 years | 50.1 years | 43.2 years | 46.5 years |
| Average length of service of contributing members | 11.0 years | 4.4 years | 8.4 years | 8.9 years | 4.6 years | 14.7 years | 4.4 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Gruver | Gun Barrel City | Gunter | Hale Center | Hallettsville | Hallsville | Haltom City |
|---|------------|-----------------|------------|-------------|---------------|------------|--------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | | | | | | | |
| b. Annuitants | \$32,700 | \$153,801 | \$12,095 | \$86,655 | \$757,855 | \$257,278 | \$8,957,624 |
| c. Current Service Liability (Present Members) | 147,617 | 122,594 | 0 | 0 | 425,144 | 91,199 | 10,015,735 |
| 2. Current Service Liability (Present Members) | 254,891 | 868,342 | 89,611 | 53,162 | 2,082,612 | 105,828 | 31,681,060 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$435,208 | \$1,144,737 | \$101,706 | \$139,817 | \$3,668,611 | \$454,305 | \$50,654,419 |
| 4. Actuarial value of assets | \$75,859 | 1,064,253 | 127,293 | 89,140 | \$1,148,999 | \$306,875 | 27,979,780 |
| 5. Unfunded (overfunded) actuarial accrued liability: (3) - (4) | \$59,349 | \$80,484 | (\$25,587) | \$89,140 | \$1,148,999 | \$306,875 | \$22,674,639 |
| 6. Funded Ratio: (4) / (3) | 86.4% | 93.0% | 125.2% | 36.2% | 68.7% | 32.5% | 55.2% |
| 7. Annual Payroll | \$130,044 | \$1,442,379 | \$273,908 | \$266,102 | \$1,068,013 | \$471,383 | \$14,951,581 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 6.18% | 4.17% | 1.89% | 2.91% | 8.93% | 3.51% | 10.44% |
| Prior Service | 3.09% | 0.38% | -0.63% | 2.27% | 6.57% | 3.98% | 9.26% |
| Total Retirement | 9.27% | 4.55% | 1.26% | 5.18% | 15.50% | 7.49% | 19.70% |
| Supplemental Death | 0.00% | 0.23% | 0.16% | 0.17% | 0.30% | 0.30% | 0.18% |
| Total Rate | 9.27% | 4.78% | 1.42% | 5.35% | 15.80% | 7.79% | 19.88% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | N/A | 12.83% | 7.06% | 16.13% |
| Statutory Maximum Rate (Total Retirement Only) | 12.50% | 11.50% | N/A | N/A | 11.50% | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 24 years | 24 years | 29 years | 29 years | 29 years |
| Number of annuitants | 3 | 10 | 0 | 0 | 12 | 2 | 124 |
| Number of active contributing members | 4 | 47 | 7 | 8 | 34 | 14 | 295 |
| Number of inactive members | 4 | 24 | 1 | 9 | 16 | 1 | 142 |
| Average age of contributing members | 39.5 years | 43.7 years | 41.9 years | 43.7 years | 47.0 years | 43.3 years | 40.8 years |
| Average length of service of contributing members | 6.6 years | 5.9 years | 9.9 years | 6.2 years | 14.5 years | 9.3 years | 9.4 years |

| | Hamilton | Hamlin | Happy | Harker Heights | Harlingen | Harlingen Waterworks | Hart |
|---|-------------|-------------|------------|----------------|--------------|----------------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | | | | | | | |
| b. Annuitants | \$253,375 | \$133,988 | \$12,035 | \$6,700,280 | \$2,359,684 | \$470,228 | \$5,087 |
| c. Current Service Liability (Present Members) | 621,273 | 486,929 | 198,963 | 916,712 | 7,458,189 | 1,930,146 | 62,984 |
| 2. Current Service Liability (Present Members) | 1,034,719 | 810,973 | 77,534 | 11,170,581 | 36,843,470 | 8,978,412 | 49,064 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$1,909,367 | \$1,431,890 | \$288,532 | \$18,787,573 | \$46,661,343 | \$11,378,786 | \$117,135 |
| 4. Actuarial value of assets | 1,138,017 | 1,064,759 | 186,127 | 11,275,779 | \$7,439,996 | \$1,167,941 | \$9,257 |
| 5. Unfunded (overfunded) actuarial accrued liability: (3) - (4) | \$771,350 | \$367,131 | \$102,405 | \$7,511,794 | \$39,221,347 | \$10,210,845 | \$77,878 |
| 6. Funded Ratio: (4) / (3) | 59.6% | 74.4% | 64.5% | 60.0% | 80.2% | 89.4% | 33.5% |
| 7. Annual Payroll | \$646,016 | \$361,254 | \$83,640 | \$8,187,672 | \$14,017,180 | \$5,178,302 | \$97,001 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 9.11% | 8.33% | 5.68% | 8.93% | 8.37% | 5.40% | 3.13% |
| Prior Service | 7.29% | 6.21% | 7.48% | 5.60% | 5.77% | 1.58% | 5.43% |
| Total Retirement | 16.40% | 14.54% | 13.16% | 14.53% | 14.14% | 6.98% | 8.56% |
| Supplemental Death | 0.54% | 0.63% | 0.41% | 0.16% | 0.26% | 0.27% | 0.00% |
| Total Rate | 16.94% | 15.17% | 13.57% | 14.69% | 14.40% | 7.25% | 8.56% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 13.97% | 12.29% | 9.24% | 12.45% | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | 12.50% | N/A | 13.50% | 15.50% | 9.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 24 years | 24 years | 24 years |
| Number of annuitants | 18 | 12 | 3 | 27 | 64 | 2 | 2 |
| Number of active contributing members | 20 | 14 | 3 | 176 | 395 | 133 | 3 |
| Number of inactive members | 7 | 9 | 1 | 94 | 127 | 47 | 2 |
| Average age of contributing members | 46.9 years | 42.7 years | 43.8 years | 39.5 years | 43.3 years | 45.5 years | 45.6 years |
| Average length of service of contributing members | 8.8 years | 7.4 years | 1.9 years | 10.1 years | 11.0 years | 10.0 years | 7.7 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Haskell | Haslet | Hawkins | Hays | Hearne | Heath | Hedley |
|---|-------------|-------------|-------------|-------------|--------------|-------------|--------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$4,766 | \$379,218 | \$37,802 | \$28,472 | \$628,325 | \$1,031,524 | \$6,526 |
| b. Annuitants | 47,217 | 0 | 36,982 | 0 | 1,235,302 | 143,016 | 2,955 |
| 2. Current Service Liability (Present Members) | 774,721 | 624,497 | 681,893 | 66,695 | 1,743,824 | 2,963,703 | 68,173 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$826,704 | \$1,003,715 | \$756,677 | \$95,167 | \$3,607,451 | \$4,138,243 | \$77,654 |
| 4. Actuarial value of assets | 916,795 | 733,329 | 766,181 | 79,128 | 2,355,763 | 2,802,337 | 73,913 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | (\$90,091) | \$270,386 | (\$9,504) | \$16,039 | \$1,251,688 | \$1,335,906 | \$3,741 |
| 6. Funded Ratio: (4) / (3) | 110.9% | 73.1% | 101.3% | 83.1% | 65.3% | 67.7% | 95.2% |
| 7. Annual Payroll | \$513,417 | \$567,944 | \$367,420 | \$53,457 | \$1,645,760 | \$2,848,182 | \$36,815 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 3.71% | 7.63% | 6.69% | 14.42% | 5.57% | 7.33% | 8.23% |
| Prior Service | -1.18% | 3.22% | -0.17% | 7.15% | 4.65% | 3.17% | 1.43% |
| Total Retirement | 2.53% | 10.85% | 6.52% | 21.57% | 10.22% | 10.50% | 9.66% |
| Supplemental Death | 0.21% | 0.12% | 0.41% | 0.48% | 0.33% | 0.16% | 0.39% |
| Total Rate | 2.74% | 10.97% | 6.93% | 22.05% | 10.55% | 10.66% | 10.05% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | 14.18% | 8.13% | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 9.50% | 15.50% | 10.50% | N/A | 11.50% | 13.50% | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | | | | | | | |
| Number of annuitants | 24 years | 24 years | 24 years | 5 years | 29 years | 24 years | 10 years |
| Number of active contributing members | 7 | 0 | 7 | 0 | 20 | 4 | 1 |
| Number of inactive members | 18 | 15 | 12 | 2 | 50 | 43 | 2 |
| Average age of contributing members | 4 | 9 | 4 | 0 | 40 | 26 | 0 |
| Average length of service of contributing members | 41.9 years | 38.2 years | 48.8 years | 59.8 years | 42.1 years | 40.9 years | 51.9 years |
| | 8.4 years | 7.9 years | 13.1 years | 9.8 years | 5.9 years | 10.0 years | 12.1 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$498,663 | \$211,042 | \$54,170 | \$586,578 | \$3,297,427 | \$503,105 | \$2,569,783 |
| b. Annuitants | 184,551 | 23,442 | 0 | 896,658 | 1,682,767 | 287,299 | 3,026,863 |
| 2. Current Service Liability (Present Members) | 1,702,382 | 1,529,386 | 1,076,585 | 2,846,220 | 8,982,201 | 683,129 | 5,650,654 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$2,385,596 | \$1,763,870 | \$1,130,755 | \$4,329,456 | \$13,962,395 | \$1,473,533 | \$11,247,300 |
| 4. Actuarial value of assets | 1,773,114 | 1,492,438 | 1,154,757 | 2,438,235 | 8,531,849 | 811,613 | 8,651,430 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$612,482 | \$271,432 | (\$24,002) | \$1,891,221 | \$5,430,546 | \$661,920 | \$2,595,870 |
| 6. Funded Ratio: (4) / (3) | 74.3% | 84.6% | 102.1% | 56.3% | 61.1% | 55.1% | 76.9% |
| 7. Annual Payroll | \$1,648,827 | \$1,689,882 | \$850,235 | \$1,911,779 | \$4,763,628 | \$579,831 | \$3,495,761 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.56% | 4.89% | 3.80% | 6.47% | 10.15% | 8.34% | 8.02% |
| Prior Service | 2.51% | 1.08% | -0.19% | 6.04% | 6.96% | 6.97% | 4.54% |
| Total Retirement | 8.07% | 5.97% | 3.61% | 12.51% | 17.11% | 15.31% | 12.56% |
| Supplemental Death | 0.22% | 0.14% | 0.27% | 0.18% | 0.20% | 0.23% | 0.21% |
| Total Rate | 8.29% | 6.11% | 3.88% | 12.69% | 17.31% | 15.54% | 12.77% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | 10.15% | 13.33% | 12.83% | 10.22% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 12.50% | 7.50% | N/A | 13.50% | N/A | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | | | | | | | |
| Number of annuitants | 24 years | 24 years | 24 years | 29 years | 29 years | 29 years | 29 years |
| Number of active contributing members | 3 | 5 | 2 | 41 | 8 | 8 | 28 |
| Number of inactive members | 30 | 40 | 23 | 114 | 18 | 18 | 87 |
| Average age of contributing members | 7 | 13 | 7 | 43 | 14 | 14 | 31 |
| Average length of service of contributing members | 46.1 years | 39.1 years | 49.2 years | 39.3 years | 43.0 years | 43.0 years | 41.3 years |
| | 10.8 years | 9.4 years | 11.1 years | 9.3 years | 5.9 years | 5.9 years | 10.4 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Hewitt | Hickory Creek | Hico | Hidalgo | Higgins | Highland Park | Highland Village |
|---|-------------|---------------|------------|-------------|------------|---------------|------------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$1,666,676 | \$181,006 | \$112,019 | \$2,224,356 | \$15,458 | \$1,280,320 | \$3,624,127 |
| b. Annuitants | 1,116,194 | 1,302 | 40,537 | 142,986 | 18,523 | 4,713,582 | 355,167 |
| 2. Current Service Liability (Present Members) | 4,515,306 | 590,467 | 410,752 | 4,896,138 | 106,199 | 32,196,317 | 10,578,574 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$7,298,176 | \$772,775 | \$563,308 | \$7,263,480 | \$140,180 | \$38,190,219 | \$14,557,868 |
| 4. Actuarial value of assets | 4,715,694 | 724,285 | 480,153 | 5,649,711 | 124,932 | 32,992,375 | 10,864,046 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$2,582,482 | \$48,490 | \$83,155 | \$1,613,769 | \$15,248 | \$5,197,844 | \$3,693,822 |
| 6. Funded Ratio: (4) / (3) | 64.6% | 93.7% | 85.2% | 77.8% | 89.1% | 86.4% | 74.6% |
| 7. Annual Payroll | \$2,791,872 | \$1,071,610 | \$267,931 | \$5,549,791 | \$60,813 | \$9,243,239 | \$6,968,771 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 9.04% | 5.76% | 6.34% | 7.33% | 6.65% | 9.54% | 9.43% |
| Prior Service | 5.65% | 0.27% | 1.90% | 1.78% | 5.15% | 3.81% | 3.24% |
| Total Retirement | 14.69% | 6.03% | 8.24% | 9.11% | 11.80% | 13.35% | 12.67% |
| Supplemental Death | 0.15% | 0.12% | 0.51% | 0.00% | 0.34% | 0.00% | 0.20% |
| Total Rate | 14.84% | 6.15% | 8.75% | 9.11% | 12.14% | 13.35% | 12.87% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 12.65% | 5.77% | 8.06% | 7.37% | 9.10% | N/A | 11.72% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | 11.50% | 11.50% | 13.50% | 7.50% | N/A | 13.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 6 years | 24 years | 29 years |
| Number of annuitants | 13 | 1 | 3 | 7 | 1 | 75 | 22 |
| Number of active contributing members | 77 | 25 | 11 | 163 | 2 | 119 | 125 |
| Number of inactive members | 39 | 22 | 5 | 65 | 0 | 37 | 70 |
| Average age of contributing members | 38.0 years | 38.1 years | 51.9 years | 40.8 years | 54.0 years | 43.9 years | 43.7 years |
| Average length of service of contributing members | 8.1 years | 6.2 years | 6.0 years | 5.8 years | 16.2 years | 14.3 years | 9.7 years |

| | Hill Country Village | Hillsboro | Hitchcock | Holland | Holliday | Hollywood Park | Hondo |
|---|----------------------|-------------|-------------|------------|------------|----------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$17,570 | \$1,595,881 | \$369,764 | \$86,581 | \$15,387 | \$561,625 | \$948,488 |
| b. Annuitants | 128,140 | 1,158,033 | 90,238 | 23,100 | 0 | 328,292 | 2,073,667 |
| 2. Current Service Liability (Present Members) | 728,763 | 6,404,264 | 1,459,184 | 186,399 | 207,467 | 1,429,687 | 3,247,557 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$874,473 | \$9,158,178 | \$1,919,186 | \$296,080 | \$222,854 | \$2,319,604 | \$6,269,712 |
| 4. Actuarial value of assets | 802,280 | 5,867,799 | 1,859,544 | 210,452 | 236,337 | 1,648,035 | 3,996,587 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$72,193 | \$3,290,379 | \$59,642 | \$85,628 | (\$13,483) | \$671,569 | \$2,273,125 |
| 6. Funded Ratio: (4) / (3) | 91.7% | 64.1% | 96.9% | 71.1% | 106.1% | 71.0% | 63.7% |
| 7. Annual Payroll | \$610,895 | \$3,915,677 | \$1,166,896 | \$193,663 | \$307,725 | \$1,296,776 | \$3,131,181 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 3.64% | 7.56% | 3.15% | 5.48% | 3.12% | 6.54% | 6.21% |
| Prior Service | 0.79% | 5.13% | 0.35% | 2.99% | -0.30% | 3.17% | 4.44% |
| Total Retirement | 4.43% | 12.69% | 3.50% | 8.47% | 2.82% | 9.71% | 10.65% |
| Supplemental Death | 0.12% | 0.00% | 0.21% | 0.23% | 0.00% | 0.17% | 0.22% |
| Total Rate | 4.55% | 12.69% | 3.71% | 8.70% | 2.82% | 9.88% | 10.87% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 10.62% | N/A | N/A | N/A | 8.35% | 8.78% |
| Statutory Maximum Rate (Total Retirement Only) | 11.50% | 11.50% | 7.50% | 10.50% | 9.50% | 10.50% | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 24 years | 24 years | 24 years | 29 years | 29 years |
| Number of annuitants | 3 | 33 | 4 | 1 | 0 | 7 | 34 |
| Number of active contributing members | 15 | 106 | 38 | 6 | 10 | 31 | 102 |
| Number of inactive members | 12 | 68 | 37 | 5 | 8 | 18 | 41 |
| Average age of contributing members | 36.9 years | 42.1 years | 43.9 years | 47.0 years | 38.5 years | 38.4 years | 40.9 years |
| Average length of service of contributing members | 8.9 years | 8.7 years | 10.9 years | 13.5 years | 5.7 years | 8.9 years | 6.5 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Honey Grove | Hooks | Howe | Hubbard | Hudson | Hudson Oaks | Hughes Springs |
|---|--------------|-------------|-------------|--------------|--------------|-------------|----------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$157,155 | \$15,931 | \$145,045 | \$26,505 | \$2,629 | \$182,102 | \$269,869 |
| a. Present Members | 42,644 | 24,910 | 58,182 | 688 | 0 | 8,895 | 99,846 |
| b. Annuitants | 395,970 | 277,529 | 707,188 | 130,174 | 183,764 | 747,794 | 1,420,155 |
| 2. Current Service Liability (Present Members) | \$595,769 | \$318,370 | \$910,415 | \$157,367 | \$186,393 | \$938,791 | \$1,789,870 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 457,223 | 335,699 | 839,648 | 139,554 | 202,034 | 854,016 | 1,521,054 |
| 4. Actuarial value of assets | \$138,546 | (\$17,329) | \$70,767 | \$17,813 | (\$15,641) | \$84,775 | \$268,816 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 76.7% | 105.4% | 92.2% | 88.7% | 108.4% | 91.0% | 85.0% |
| 6. Funded Ratio: (4) / (3) | \$327,547 | \$353,457 | \$494,648 | \$413,736 | \$530,245 | \$1,018,089 | \$502,952 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 6.17% | 2.16% | 6.86% | 2.29% | 2.12% | 5.51% | 13.91% |
| Prior Service | 2.58% | -0.33% | 0.97% | 0.29% | -0.20% | 0.56% | 3.27% |
| Total Retirement | 8.75% | 1.83% | 7.83% | 2.58% | 1.92% | 6.07% | 17.18% |
| Supplemental Death | 0.20% | 0.25% | 0.28% | 0.19% | 0.18% | 0.13% | 0.25% |
| Total Rate | 8.95% | 2.08% | 8.11% | 2.77% | 2.10% | 6.20% | 17.43% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 6.47% | N/A | N/A | N/A | N/A | N/A | 13.46% |
| Statutory Maximum Rate (Total Retirement Only) | 9.50% | 7.50% | 11.50% | N/A | N/A | 11.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 24 years | 24 years | 24 years | 24 years | 29 years |
| Number of annuitants | 3 | 4 | 6 | 2 | 0 | 4 | 4 |
| Number of active contributing members | 10 | 10 | 14 | 13 | 16 | 22 | 14 |
| Number of inactive members | 11 | 4 | 13 | 8 | 5 | 14 | 3 |
| Average age of contributing members | 42.4 years | 40.3 years | 45.5 years | 43.3 years | 39.0 years | 37.3 years | 43.9 years |
| Average length of service of contributing members | 8.1 years | 6.9 years | 7.4 years | 6.1 years | 4.0 years | 7.3 years | 10.4 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$6,329,924 | \$60,541 | \$433,351 | \$13,490,605 | \$16,082,335 | \$611,247 | \$1,452,132 |
| a. Present Members | 3,653,556 | 161,013 | 374,096 | 14,145,548 | 18,202,721 | 1,669,930 | 144,428 |
| b. Annuitants | 19,702,899 | 250,683 | 906,143 | 23,206,377 | 55,901,834 | 1,903,786 | 2,444,664 |
| 2. Current Service Liability (Present Members) | \$29,686,379 | \$472,237 | \$1,713,590 | \$50,842,530 | \$90,186,890 | \$2,681,963 | \$4,041,224 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 20,051,685 | 200,941 | 1,031,634 | 27,501,940 | 54,970,179 | 2,378,072 | 2,089,213 |
| 4. Actuarial value of assets | \$9,634,694 | \$271,296 | \$681,956 | \$23,340,590 | \$35,216,711 | \$303,891 | \$1,952,011 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 67.5% | 42.6% | 60.2% | 54.1% | 61.0% | 88.7% | 51.7% |
| 6. Funded Ratio: (4) / (3) | \$10,920,237 | \$322,312 | \$572,734 | \$12,209,814 | \$20,507,952 | \$2,346,606 | \$4,471,268 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 10.49% | 5.32% | 12.20% | 10.88% | 11.80% | 5.68% | 7.80% |
| Prior Service | 5.39% | 5.69% | 7.27% | 11.67% | 10.48% | 0.79% | 2.95% |
| Total Retirement | 15.88% | 11.01% | 19.47% | 22.55% | 22.28% | 6.47% | 10.75% |
| Supplemental Death | 0.17% | 0.48% | 0.24% | 0.18% | 0.00% | 0.17% | 0.12% |
| Total Rate | 16.05% | 11.49% | 19.71% | 22.73% | 22.28% | 6.64% | 10.87% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 12.74% | N/A | 16.66% | 18.27% | 17.32% | 5.47% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 12.50% | 13.50% | N/A | N/A | N/A | 11.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 29 years | 29 years | 24 years |
| Number of annuitants | 61 | 4 | 7 | 110 | 164 | 4 | 3 |
| Number of active contributing members | 186 | 7 | 16 | 328 | 63 | 81 | 81 |
| Number of inactive members | 26 | 3 | 7 | 106 | 138 | 29 | 22 |
| Average age of contributing members | 40.6 years | 50.1 years | 43.3 years | 40.7 years | 40.3 years | 40.8 years | 38.8 years |
| Average length of service of contributing members | 10.4 years | 13.1 years | 9.5 years | 9.6 years | 11.2 years | 6.5 years | 6.2 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$1,452,132 | \$1,952,011 | \$4,471,268 | \$2,089,213 | \$2,089,213 | \$1,952,011 | \$1,452,132 |
| a. Present Members | 144,428 | 144,428 | 144,428 | 144,428 | 144,428 | 144,428 | 144,428 |
| b. Annuitants | 2,444,664 | 2,444,664 | 2,444,664 | 2,444,664 | 2,444,664 | 2,444,664 | 2,444,664 |
| 2. Current Service Liability (Present Members) | \$4,041,224 | \$4,041,224 | \$4,041,224 | \$4,041,224 | \$4,041,224 | \$4,041,224 | \$4,041,224 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$2,089,213 | \$2,089,213 | \$2,089,213 | \$2,089,213 | \$2,089,213 | \$2,089,213 | \$2,089,213 |
| 4. Actuarial value of assets | \$1,952,011 | \$1,952,011 | \$1,952,011 | \$1,952,011 | \$1,952,011 | \$1,952,011 | \$1,952,011 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 51.7% | 51.7% | 51.7% | 51.7% | 51.7% | 51.7% | 51.7% |
| 6. Funded Ratio: (4) / (3) | \$4,471,268 | \$4,471,268 | \$4,471,268 | \$4,471,268 | \$4,471,268 | \$4,471,268 | \$4,471,268 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 7.80% | 7.80% | 7.80% | 7.80% | 7.80% | 7.80% | 7.80% |
| Prior Service | 2.95% | 2.95% | 2.95% | 2.95% | 2.95% | 2.95% | 2.95% |
| Total Retirement | 10.75% | 10.75% | 10.75% | 10.75% | 10.75% | 10.75% | 10.75% |
| Supplemental Death | 0.12% | 0.12% | 0.12% | 0.12% | 0.12% | 0.12% | 0.12% |
| Total Rate | 10.87% | 10.87% | 10.87% | 10.87% | 10.87% | 10.87% | 10.87% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 24 years | 24 years | 24 years | 24 years | 24 years |
| Number of annuitants | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Number of active contributing members | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| Number of inactive members | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| Average age of contributing members | 38.8 years | 38.8 years | 38.8 years | 38.8 years | 38.8 years | 38.8 years | 38.8 years |
| Average length of service of contributing members | 6.2 years | 6.2 years | 6.2 years | 6.2 years | 6.2 years | 6.2 years | 6.2 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Huxley | Idalou | Inglestide | Ingram | Iowa Park | Iraan | Irving |
|---|------------|------------|-------------|------------|-------------|------------|---------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$0 | \$21,457 | \$499,992 | \$73,578 | \$1,052,070 | \$62,388 | \$26,944,874 |
| a. Present Members | 94,390 | 0 | 949,981 | 24,521 | 170,631 | 416,136 | 27,892,514 |
| b. Annuitants | 230,659 | 41,001 | 2,450,292 | 263,353 | 2,446,824 | 267,599 | 261,277,291 |
| 2. Current Service Liability (Present Members) | \$325,049 | \$62,458 | \$3,900,265 | \$361,452 | \$3,669,525 | \$746,123 | \$316,114,679 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$33,034 | \$40,303 | \$2,418,690 | \$266,668 | \$2,612,024 | \$245,358 | \$253,803,583 |
| 4. Actuarial value of assets | (\$7,985) | \$22,155 | \$1,481,575 | \$94,784 | \$1,057,501 | \$500,765 | \$62,311,096 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 102.5% | 64.5% | \$2,089,488 | \$73.8% | 71.2% | 32.9% | 80.3% |
| 6. Funded Ratio: (4) / (3) | \$217,694 | \$318,986 | | \$343,743 | \$1,408,974 | \$197,260 | \$86,935,419 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.64% | 1.74% | 5.58% | 4.92% | 7.68% | 12.31% | 10.94% |
| Prior Service | -0.24% | 0.47% | 4.33% | 1.86% | 4.58% | 15.50% | 4.37% |
| Total Retirement | 2.40% | 2.21% | 9.91% | 6.78% | 12.26% | 27.81% | 15.31% |
| Supplemental Death | 0.43% | 0.13% | 0.27% | 0.00% | 0.22% | 0.38% | 0.19% |
| Total Rate | 2.83% | 2.34% | 10.18% | 6.78% | 12.48% | 28.19% | 15.50% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 8.53% | N/A | 9.44% | 23.27% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | N/A | 11.50% | 9.50% | 10.50% | N/A | 15.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 24 years | 29 years | 29 years | 29 years |
| Number of annuitants | 5 | 0 | 27 | 13 | 4 | 582 | 395 |
| Number of active contributing members | 7 | 10 | 66 | 11 | 45 | 1,477 | 42.6 years |
| Number of inactive members | 9 | 7 | 39 | 6 | 32 | 3 | 12.1 years |
| Average age of contributing members | 42.0 years | 39.9 years | 43.5 years | 47.6 years | 42.6 years | 49.3 years | 42.6 years |
| Average length of service of contributing members | 8.9 years | 4.0 years | 8.5 years | 9.3 years | 9.6 years | 5.6 years | 12.1 years |

| | Italy | Itasca | Jacinto City | Jacksboro | Jacksonville | Jasper | Jefferson |
|---|------------|------------|--------------|-------------|--------------|-------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$179,825 | \$170,496 | \$623,750 | \$1,144,984 | \$2,513,356 | \$187,686 | \$548,026 |
| a. Present Members | 0 | 203,181 | 761,828 | 579,714 | 2,622,486 | 2,813,383 | 201,904 |
| b. Annuitants | 108,869 | 432,628 | 3,100,290 | 2,237,159 | 8,088,415 | 6,219,985 | 540,824 |
| 2. Current Service Liability (Present Members) | \$288,694 | \$806,305 | \$4,485,868 | \$3,961,857 | \$13,224,257 | \$9,221,054 | \$1,290,754 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$113,200 | \$596,734 | 2,950,583 | 2,553,400 | 7,536,645 | 6,159,947 | 800,629 |
| 4. Actuarial value of assets | \$175,494 | \$209,571 | \$1,535,285 | \$1,408,457 | \$5,687,612 | \$3,061,107 | \$490,125 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 39.2% | 74.0% | 65.8% | 64.4% | 57.0% | 66.8% | 62.0% |
| 6. Funded Ratio: (4) / (3) | \$518,653 | \$483,109 | \$2,087,568 | \$1,233,716 | \$4,836,355 | \$4,228,451 | \$821,893 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.33% | 10.52% | 5.61% | 8.00% | 8.68% | 6.58% | 4.72% |
| Prior Service | 2.28% | 2.64% | 4.49% | 6.97% | 7.18% | 4.90% | 3.64% |
| Total Retirement | 4.61% | 13.16% | 10.10% | 14.97% | 15.86% | 11.48% | 8.36% |
| Supplemental Death | 0.26% | 0.26% | 0.29% | 0.34% | 0.21% | 0.21% | 0.27% |
| Total Rate | 4.87% | 13.42% | 10.39% | 15.31% | 16.07% | 11.69% | 8.63% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 10.99% | 8.20% | 13.25% | 12.44% | N/A | 7.92% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 13.50% | 9.50% | 13.50% | 12.50% | 15.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 29 years | 24 years | 29 years |
| Number of annuitants | 0 | 4 | 20 | 7 | 71 | 63 | 4 |
| Number of active contributing members | 16 | 15 | 47 | 35 | 130 | 116 | 24 |
| Number of inactive members | 10 | 11 | 34 | 40 | 63 | 44 | 8 |
| Average age of contributing members | 44.0 years | 46.6 years | 44.1 years | 46.2 years | 39.6 years | 41.5 years | 48.3 years |
| Average length of service of contributing members | 7.1 years | 5.2 years | 7.9 years | 8.0 years | 9.2 years | 8.0 years | 12.3 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Jersey Village | Jewett | Joaquin | Johnson City | Jones Creek | Jonestown | Josephine |
|---|----------------|------------|-------------|--------------|-------------|--------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$3,883,994 | \$205,697 | \$31,880 | \$200,841 | \$850 | \$116,183 | \$13,284 |
| b. Annuitants | 1,739,693 | 6,712 | 45,657 | 95,671 | 42,943 | 0 | 0 |
| 2. Current Service Liability (Present Members) | \$5,638,461 | 330,944 | 68,381 | 451,022 | 108,255 | 232,466 | 74,543 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$11,262,148 | \$543,353 | \$145,918 | \$747,534 | \$152,048 | \$348,649 | \$87,827 |
| 4. Actuarial value of assets | 7,265,727 | 342,737 | 108,496 | 564,992 | 103,733 | 236,304 | 59,081 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$3,996,421 | \$200,616 | \$37,422 | \$182,542 | \$48,315 | \$112,345 | \$28,746 |
| 6. Funded Ratio: (4) / (3) | 64.5% | 63.1% | 74.4% | 75.6% | 68.2% | 67.8% | 67.3% |
| 7. Annual Payroll | \$4,143,799 | \$385,629 | \$137,666 | \$473,477 | \$145,171 | \$920,644 | \$163,337 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 9.38% | 6.36% | 3.06% | 5.11% | 4.99% | 2.69% | 4.40% |
| Prior Service | 5.89% | 3.18% | 1.84% | 2.35% | 2.25% | 0.83% | 1.19% |
| Total Retirement | 15.27% | 9.54% | 4.90% | 7.46% | 7.24% | 3.52% | 5.59% |
| Supplemental Death | 0.21% | 0.20% | 0.21% | 0.19% | 0.36% | 0.33% | 0.11% |
| Total Rate | 15.48% | 9.74% | 5.11% | 7.65% | 7.60% | 3.85% | 5.70% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 14.60% | 6.90% | 3.56% | 6.42% | N/A | N/A | N/A |
| Statutory/Maximum Rate (Total Retirement Only) | N/A | 9.50% | N/A | 9.50% | N/A | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 29 years | 24 years | 24 years | 24 years |
| Number of annuitants | 13 | 1 | 1 | 3 | 2 | 1 | 0 |
| Number of active contributing members | 91 | 10 | 5 | 12 | 4 | 22 | 4 |
| Number of inactive members | 47 | 7 | 2 | 9 | 0 | 4 | 5 |
| Average age of contributing members | 43.3 years | 43.1 years | 45.5 years | 44.1 years | 54.3 years | 48.2 years | 41.6 years |
| Average length of service of contributing members | 9.0 years | 8.9 years | 5.8 years | 6.3 years | 8.4 years | 6.1 years | 7.3 years |
| | | | | | | | |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$9,547 | \$102,734 | \$388,217 | \$148,109 | \$110,192 | \$3,593,001 | \$1,656,231 |
| b. Annuitants | 4,133 | 190,313 | 353,077 | 77,983 | 214,466 | 2,541,995 | 362,424 |
| 2. Current Service Liability (Present Members) | 769,864 | 633,454 | 1,154,185 | 587,658 | 707,661 | 12,570,657 | 4,173,961 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$783,544 | \$926,501 | \$1,895,479 | \$813,750 | \$1,032,319 | \$18,705,653 | \$6,192,616 |
| 4. Actuarial value of assets | 943,171 | 640,143 | 1,211,459 | 606,707 | 603,627 | 13,227,190 | 4,040,524 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | (\$159,627) | \$286,358 | \$684,020 | \$207,043 | \$428,692 | \$5,478,463 | \$2,152,092 |
| 6. Funded Ratio: (4) / (3) | 120.4% | 69.1% | 63.9% | 74.6% | 58.5% | 70.7% | 65.2% |
| 7. Annual Payroll | \$759,645 | \$749,574 | \$594,603 | \$1,190,219 | \$610,306 | \$6,540,022 | \$2,318,685 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 4.83% | 4.52% | 10.93% | 2.75% | 3.35% | 11.56% | 9.79% |
| Prior Service | -1.42% | 2.34% | 7.03% | 1.18% | 4.29% | 5.12% | 5.67% |
| Total Retirement | 3.41% | 6.86% | 17.96% | 3.93% | 7.64% | 16.68% | 15.46% |
| Supplemental Death | 0.11% | 0.30% | 0.36% | 0.00% | 0.21% | 0.25% | 0.23% |
| Total Rate | 3.52% | 7.16% | 18.32% | 3.93% | 7.85% | 16.93% | 15.69% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 5.77% | 15.17% | N/A | 6.39% | 14.13% | 13.95% |
| Statutory/Maximum Rate (Total Retirement Only) | 13.50% | 9.50% | 15.50% | 7.50% | N/A | 13.50% | 13.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 24 years | 29 years | 29 years | 29 years |
| Number of annuitants | 4 | 10 | 10 | 2 | 9 | 27 | 15 |
| Number of active contributing members | 27 | 26 | 21 | 26 | 20 | 125 | 61 |
| Number of inactive members | 22 | 27 | 9 | 10 | 9 | 26 | 35 |
| Average age of contributing members | 39.8 years | 44.6 years | 49.0 years | 40.9 years | 39.6 years | 43.5 years | 43.7 years |
| Average length of service of contributing members | 6.3 years | 5.1 years | 9.8 years | 6.1 years | 5.9 years | 10.8 years | 11.0 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Knox City | Kountze | Kress | Krugerville | Krum | Kyle | La Coste |
|---|-------------|-------------|------------|--------------|--------------|-------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$0 | \$61,035 | \$17,739 | \$549 | \$114,481 | \$1,068,904 | \$0 |
| a. Present Members | 19,820 | 0 | 15,155 | 0 | 0 | 632,781 | 0 |
| b. Annuitants | 259,888 | 221,087 | 164,313 | 22,122 | 425,993 | 2,885,873 | 125,689 |
| 2. Current Service Liability (Present Members) | \$279,708 | \$282,122 | \$197,207 | \$22,671 | \$540,474 | \$4,587,558 | \$123,689 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$282,175 | \$252,706 | \$168,555 | \$22,671 | \$552,214 | \$3,052,636 | \$139,198 |
| 4. Actuarial value of assets | (\$62,467) | \$29,416 | \$28,652 | \$3,054 | (\$11,740) | \$1,534,922 | (\$13,509) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 122.3% | 89.6% | 85.5% | 86.5% | 102.2% | 66.5% | 110.7% |
| 6. Funded Ratio: (4) / (3) | \$205,616 | \$683,867 | \$90,187 | \$119,959 | \$1,043,299 | \$4,375,040 | \$191,437 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.27% | 2.08% | 6.84% | 1.33% | 1.63% | 5.95% | 2.64% |
| Prior Service | -2.06% | 0.29% | 1.94% | 0.17% | -0.08% | -2.37% | -0.48% |
| Total Retirement | 3.21% | 2.37% | 8.78% | 1.50% | 1.55% | 8.32% | 2.16% |
| Supplemental Death | 0.42% | 0.20% | 0.00% | 0.12% | 0.12% | 0.16% | 0.00% |
| Total Rate | 3.63% | 2.57% | 8.78% | 1.62% | 1.67% | 8.48% | 2.16% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 7.95% | N/A | N/A | N/A | N/A |
| Statutory/Maximum Rate (Total Retirement Only) | 9.50% | N/A | 9.50% | N/A | 7.50% | 13.50% | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 24 years | 24 years | 24 years | 24 years |
| Number of annuitants | 2 | 0 | 3 | 0 | 0 | 7 | 1 |
| Number of active contributing members | 8 | 21 | 3 | 3 | 27 | 99 | 7 |
| Number of inactive members | 8 | 21 | 0 | 1 | 18 | 42 | 2 |
| Average age of contributing members | 56.5 years | 43.6 years | 56.7 years | 40.2 years | 38.3 years | 40.1 years | 50.8 years |
| Average length of service of contributing members | 4.9 years | 5.4 years | 10.5 years | 8.1 years | 5.2 years | 6.0 years | 8.1 years |
| | | | | | | | |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$1,078,803 | \$874,037 | \$99,409 | \$2,130,103 | \$12,606,359 | \$104,565 | \$924,920 |
| a. Present Members | 485,624 | 921,372 | 48,340 | 2,084,742 | 10,056,214 | 0 | 354,672 |
| b. Annuitants | 1,515,416 | 4,782,022 | 223,242 | 7,786,155 | 49,735,697 | 23,328 | 1,906,108 |
| 2. Current Service Liability (Present Members) | \$3,079,843 | \$6,577,431 | \$370,991 | \$12,001,000 | \$72,398,270 | \$127,893 | \$3,185,700 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 1,762,814 | 4,697,339 | 329,344 | 8,165,839 | 47,909,865 | 5,197 | 2,114,741 |
| 4. Actuarial value of assets | \$1,317,029 | \$1,880,092 | \$41,647 | \$3,835,161 | \$24,488,405 | \$122,696 | \$1,070,959 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 57.2% | 71.4% | 88.8% | 68.0% | 66.2% | 4.1% | 66.4% |
| 6. Funded Ratio: (4) / (3) | \$1,623,659 | \$1,882,923 | \$274,012 | \$5,413,034 | \$18,162,841 | \$296,186 | \$1,399,766 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 6.26% | 8.77% | 4.85% | 6.48% | 11.79% | 3.73% | 8.70% |
| Prior Service | 4.95% | 6.10% | 0.93% | 4.32% | 8.23% | 2.80% | 4.67% |
| Total Retirement | 11.21% | 14.87% | 5.78% | 10.80% | 20.02% | 6.53% | 13.37% |
| Supplemental Death | 0.20% | 0.29% | 0.16% | 0.18% | 0.18% | 0.29% | 0.20% |
| Total Rate | 11.41% | 15.16% | 5.94% | 10.98% | 20.20% | 6.82% | 13.57% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 9.16% | 12.84% | 5.12% | 9.39% | 15.81% | N/A | 11.18% |
| Statutory/Maximum Rate (Total Retirement Only) | 9.50% | N/A | 11.50% | 11.50% | N/A | N/A | 13.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 29 years | 24 years | 29 years |
| Number of annuitants | 13 | 25 | 3 | 53 | 118 | 0 | 11 |
| Number of active contributing members | 50 | 52 | 12 | 123 | 361 | 11 | 43 |
| Number of inactive members | 55 | 25 | 15 | 77 | 117 | 1 | 15 |
| Average age of contributing members | 41.2 years | 45.4 years | 41.0 years | 41.1 years | 41.8 years | 44.3 years | 39.2 years |
| Average length of service of contributing members | 7.5 years | 10.5 years | 4.2 years | 7.9 years | 11.0 years | 6.4 years | 8.9 years |
| | | | | | | | |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$924,920 | \$874,037 | \$99,409 | \$2,130,103 | \$12,606,359 | \$104,565 | \$924,920 |
| a. Present Members | 354,672 | 921,372 | 48,340 | 2,084,742 | 10,056,214 | 0 | 354,672 |
| b. Annuitants | 1,906,108 | 4,782,022 | 223,242 | 7,786,155 | 49,735,697 | 23,328 | 1,906,108 |
| 2. Current Service Liability (Present Members) | \$3,185,700 | \$6,577,431 | \$370,991 | \$12,001,000 | \$72,398,270 | \$127,893 | \$3,185,700 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 2,114,741 | 4,697,339 | 329,344 | 8,165,839 | 47,909,865 | 5,197 | 2,114,741 |
| 4. Actuarial value of assets | \$1,070,959 | \$1,880,092 | \$41,647 | \$3,835,161 | \$24,488,405 | \$122,696 | \$1,070,959 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 66.4% | 71.4% | 88.8% | 68.0% | 66.2% | 4.1% | 66.4% |
| 6. Funded Ratio: (4) / (3) | \$1,399,766 | \$1,882,923 | \$274,012 | \$5,413,034 | \$18,162,841 | \$296,186 | \$1,399,766 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 8.70% | 8.77% | 4.85% | 6.48% | 11.79% | 3.73% | 8.70% |
| Prior Service | 4.67% | 6.10% | 0.93% | 4.32% | 8.23% | 2.80% | 4.67% |
| Total Retirement | 13.37% | 14.87% | 5.78% | 10.80% | 20.02% | 6.53% | 13.37% |
| Supplemental Death | 0.20% | 0.29% | 0.16% | 0.18% | 0.18% | 0.29% | 0.20% |
| Total Rate | 13.57% | 15.16% | 5.94% | 10.98% | 20.20% | 6.82% | 13.57% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 11.18% | 12.84% | 5.12% | 9.39% | 15.81% | N/A | 11.18% |
| Statutory/Maximum Rate (Total Retirement Only) | 13.50% | N/A | 11.50% | 11.50% | N/A | N/A | 13.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 29 years | 24 years | 29 years |
| Number of annuitants | 11 | 25 | 3 | 53 | 118 | 0 | 11 |
| Number of active contributing members | 43 | 52 | 12 | 123 | 361 | 11 | 43 |
| Number of inactive members | 15 | 25 | 15 | 77 | 117 | 1 | 15 |
| Average age of contributing members | 39.2 years | 45.4 years | 41.0 years | 41.1 years | 41.8 years | 44.3 years | 39.2 years |
| Average length of service of contributing members | 8.9 years | 10.5 years | 4.2 years | 7.9 years | 11.0 years | 6.4 years | 8.9 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Ladonia | Lago Vista | Laguna Vista | Lake Dallas | Lake Jackson | Lake Worth | Lakeport |
|---|------------|-------------|--------------|-------------|--------------|-------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | \$980,147 | \$53,002 | \$784,382 | \$6,006,048 | \$1,390,300 | \$0 |
| a. Present Members | 15,997 | 121,063 | 0 | 339,772 | 3,999,794 | 1,594,129 | 0 |
| b. Annuitants | 8,980 | 2,986,123 | 157,657 | 2,693,924 | 20,748,258 | 4,105,063 | 81,557 |
| 2. Current Service Liability (Present Members) | \$24,977 | \$4,087,333 | \$210,659 | \$3,818,078 | \$30,154,100 | \$7,089,492 | \$81,557 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 40,840 | 3,227,033 | 205,399 | 2,758,125 | 21,733,735 | 4,882,366 | 95,927 |
| 4. Actuarial value of assets | (\$15,863) | \$860,300 | \$5,260 | \$1,059,953 | \$8,420,365 | \$2,207,126 | (\$14,370) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 163.5% | 79.0% | 97.5% | 72.2% | 72.1% | 68.9% | 117.6% |
| 6. Funded Ratio: (4) / (3) | \$44,079 | \$2,777,725 | \$359,605 | \$1,747,708 | \$9,780,969 | \$3,741,603 | \$145,633 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 7.00% | 6.55% | 3.38% | 8.76% | 10.09% | 7.30% | 3.82% |
| Prior Service | -2.43% | 2.10% | 0.10% | 3.71% | 5.25% | 3.60% | -0.67% |
| Total Retirement | 4.57% | 8.65% | 3.48% | 12.47% | 15.34% | 10.90% | 3.15% |
| Supplemental Death | 0.20% | 0.26% | 0.12% | 0.30% | 0.20% | 0.17% | 0.23% |
| Total Rate | 4.77% | 8.91% | 3.60% | 12.77% | 15.54% | 11.07% | 3.38% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | 10.83% | 12.03% | 9.60% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 12.50% | N/A | 13.50% | 12.50% | 12.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 24 years | 29 years | 29 years | 29 years | 24 years |
| Number of annuitants | 2 | 12 | 0 | 16 | 85 | 24 | 0 |
| Number of active contributing members | 2 | 74 | 11 | 34 | 221 | 92 | 5 |
| Number of inactive members | 0 | 19 | 11 | 34 | 82 | 56 | 0 |
| Average age of contributing members | 46.8 years | 45.0 years | 38.8 years | 43.4 years | 40.7 years | 39.1 years | 47.5 years |
| Average length of service of contributing members | 1.8 years | 7.0 years | 4.8 years | 7.5 years | 10.0 years | 7.5 years | 6.1 years |

| | Lakeside City | Lakeway | Lamesa | Lampasas | Lancaster | Laredo |
|---|---------------|-------------|-------------|-------------|--------------|---------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | |
| 1. Prior Service Liability | | \$1,487,798 | \$1,277,583 | \$1,998,645 | \$10,307,866 | \$89,926,048 |
| a. Present Members | \$234 | 772,163 | 2,183,490 | 1,645,956 | 7,879,883 | 53,645,768 |
| b. Annuitants | 188,627 | 3,386,347 | 6,266,001 | 6,215,123 | 24,627,088 | 132,237,888 |
| 2. Current Service Liability (Present Members) | \$299,428 | \$5,646,308 | \$9,727,074 | \$9,859,724 | \$42,814,837 | \$275,809,704 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 250,990 | 3,324,820 | 6,300,742 | 6,510,343 | 26,431,828 | 147,642,107 |
| 4. Actuarial value of assets | \$48,438 | \$2,321,488 | \$3,426,332 | \$3,349,381 | \$16,383,009 | \$128,167,597 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 83.8% | 58.9% | 64.8% | 66.0% | 61.7% | 53.5% |
| 6. Funded Ratio: (4) / (3) | \$348,435 | \$3,780,059 | \$2,659,759 | \$3,446,679 | \$14,507,867 | \$83,778,815 |
| 7. Annual Payroll | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | |
| Retirement | | | | | | |
| Normal Cost | 4.16% | 7.99% | 9.74% | 9.98% | 8.58% | 12.36% |
| Prior Service | 0.94% | 3.75% | 7.87% | 5.93% | 6.90% | 9.34% |
| Total Retirement | 5.10% | 11.74% | 17.61% | 15.91% | 15.48% | 21.70% |
| Supplemental Death | 0.19% | 0.21% | 0.00% | 0.24% | 0.18% | 0.20% |
| Total Rate | 5.29% | 11.95% | 17.61% | 16.15% | 15.66% | 21.90% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 11.11% | 14.07% | 13.83% | 13.23% | 17.63% |
| Statutory Maximum Rate (Total Retirement Only) | 11.50% | 13.50% | 13.50% | 13.50% | 13.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 29 years | 29 years |
| Number of annuitants | 3 | 1 | 37 | 44 | 88 | 581 |
| Number of active contributing members | 9 | 78 | 73 | 95 | 276 | 1,989 |
| Number of inactive members | 11 | 59 | 35 | 43 | 181 | 375 |
| Average age of contributing members | 41.5 years | 44.5 years | 42.7 years | 42.6 years | 39.9 years | 41.9 years |
| Average length of service of contributing members | 7.9 years | 7.4 years | 9.4 years | 8.5 years | 8.0 years | 9.9 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Lavon | League City | Leander | Leon Valley | Leonard | Leveland | Lewisville |
|---|------------|--------------|-------------|--------------|------------|--------------|---------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$5,770 | \$15,311,167 | \$2,914,384 | \$3,264,474 | \$54,552 | \$2,052,037 | \$32,660,272 |
| b. Annuitants | 0 | 5,263,008 | 345,561 | 3,228,142 | 0 | 1,569,699 | 17,218,140 |
| 2. Current Service Liability (Present Members) | 234,837 | 36,353,494 | 5,216,985 | 14,188,547 | 322,938 | 9,205,668 | 86,793,791 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$240,607 | \$56,927,669 | \$8,476,930 | \$20,681,163 | \$377,490 | \$12,827,404 | \$136,672,203 |
| 4. Actuarial value of assets | 228,418 | 36,909,728 | 4,974,928 | 14,208,942 | 378,545 | 9,369,965 | 86,651,580 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$12,189 | \$20,017,941 | \$3,502,002 | \$6,472,221 | (\$1,055) | \$3,457,439 | \$50,020,623 |
| 6. Funded Ratio: (4) / (3) | 94.9% | 64.8% | 58.7% | 68.7% | 100.3% | 73.0% | 63.4% |
| 7. Annual Payroll | \$753,591 | \$21,029,242 | \$7,390,579 | \$4,314,054 | \$426,994 | \$3,173,082 | \$38,217,868 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.19% | 10.48% | 8.12% | 10.77% | 2.76% | 10.21% | 12.29% |
| Prior Service | 0.11% | 5.81% | 2.89% | 9.16% | -0.02% | 6.66% | 7.99% |
| Total Retirement | 2.30% | 16.29% | 11.01% | 19.93% | 2.74% | 16.87% | 20.28% |
| Supplemental Death | 0.14% | 0.18% | 0.18% | 0.23% | 0.24% | 0.20% | 0.00% |
| Total Rate | 2.44% | 16.47% | 11.19% | 20.16% | 2.98% | 17.07% | 20.28% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 12.97% | 9.80% | 16.08% | N/A | 13.46% | 15.51% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 13.50% | 13.50% | N/A | 7.50% | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | | | | | | | |
| Number of annuitants | 24 years | 29 years | 29 years | 29 years | 24 years | 29 years | 29 years |
| Number of active contributing members | 0 | 84 | 14 | 53 | 1 | 33 | 191 |
| Number of inactive members | 16 | 418 | 142 | 101 | 13 | 80 | 669 |
| Average age of contributing members | 3 | 108 | 53 | 48 | 8 | 23 | 193 |
| Average length of service of contributing members | 41.6 years | 41.5 years | 39.8 years | 44.7 years | 43.5 years | 41.7 years | 41.7 years |
| | 5.4 years | 9.1 years | 5.6 years | 13.6 years | 7.6 years | 10.6 years | 11.6 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$101,223 | \$1,443,631 | \$3,160 | \$1,475,209 | \$33,529 | \$4,935 | \$1,912,632 |
| b. Annuitants | 404,327 | 508,048 | 0 | 52,339 | 31,531 | 0 | 242,109 |
| 2. Current Service Liability (Present Members) | 390,727 | 2,421,544 | 45,722 | 871,286 | 300,126 | 17,121 | 4,831,728 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$896,277 | \$4,373,223 | \$48,882 | \$2,398,834 | \$365,186 | \$22,056 | \$6,986,469 |
| 4. Actuarial value of assets | 547,480 | 3,154,454 | 45,939 | 860,754 | 342,261 | 31,476 | 4,848,286 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$348,797 | \$1,218,769 | \$2,943 | \$1,538,080 | \$22,925 | (\$9,420) | \$2,138,183 |
| 6. Funded Ratio: (4) / (3) | 61.1% | 72.1% | 94.0% | 35.9% | 93.7% | 142.7% | 69.4% |
| 7. Annual Payroll | \$297,462 | \$4,181,852 | \$280,013 | \$1,652,901 | \$389,353 | \$69,915 | \$7,106,339 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 7.64% | 4.21% | 2.54% | 9.19% | 3.52% | 2.63% | 6.96% |
| Prior Service | 7.16% | 1.98% | 0.07% | 5.68% | 0.39% | -0.91% | 2.04% |
| Total Retirement | 14.80% | 6.19% | 2.61% | 14.87% | 3.91% | 1.72% | 9.00% |
| Supplemental Death | 0.00% | 0.00% | 0.24% | 0.00% | 0.38% | 0.27% | 0.18% |
| Total Rate | 14.80% | 6.19% | 2.85% | 14.87% | 4.29% | 1.99% | 9.18% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 12.14% | N/A | N/A | 12.74% | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | N/A | N/A | 7.50% | N/A | 13.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | | | | | | | |
| Number of annuitants | 29 years | 24 years | 24 years | 29 years | 24 years | 24 years | 24 years |
| Number of active contributing members | 7 | 13 | 0 | 2 | 2 | 0 | 11 |
| Number of inactive members | 8 | 108 | 9 | 45 | 13 | 3 | 148 |
| Average age of contributing members | 48.4 years | 41.7 years | 48.4 years | 43.8 years | 49.9 years | 47.9 years | 41.3 years |
| Average length of service of contributing members | 6.5 years | 8.5 years | 2.0 years | 7.3 years | 8.1 years | 4.5 years | 7.2 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$101,223 | \$1,443,631 | \$3,160 | \$1,475,209 | \$33,529 | \$4,935 | \$1,912,632 |
| b. Annuitants | 404,327 | 508,048 | 0 | 52,339 | 31,531 | 0 | 242,109 |
| 2. Current Service Liability (Present Members) | 390,727 | 2,421,544 | 45,722 | 871,286 | 300,126 | 17,121 | 4,831,728 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$896,277 | \$4,373,223 | \$48,882 | \$2,398,834 | \$365,186 | \$22,056 | \$6,986,469 |
| 4. Actuarial value of assets | 547,480 | 3,154,454 | 45,939 | 860,754 | 342,261 | 31,476 | 4,848,286 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$348,797 | \$1,218,769 | \$2,943 | \$1,538,080 | \$22,925 | (\$9,420) | \$2,138,183 |
| 6. Funded Ratio: (4) / (3) | 61.1% | 72.1% | 94.0% | 35.9% | 93.7% | 142.7% | 69.4% |
| 7. Annual Payroll | \$297,462 | \$4,181,852 | \$280,013 | \$1,652,901 | \$389,353 | \$69,915 | \$7,106,339 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 7.64% | 4.21% | 2.54% | 9.19% | 3.52% | 2.63% | 6.96% |
| Prior Service | 7.16% | 1.98% | 0.07% | 5.68% | 0.39% | -0.91% | 2.04% |
| Total Retirement | 14.80% | 6.19% | 2.61% | 14.87% | 3.91% | 1.72% | 9.00% |
| Supplemental Death | 0.00% | 0.00% | 0.24% | 0.00% | 0.38% | 0.27% | 0.18% |
| Total Rate | 14.80% | 6.19% | 2.85% | 14.87% | 4.29% | 1.99% | 9.18% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 12.14% | N/A | N/A | 12.74% | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | N/A | N/A | 7.50% | N/A | 13.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | | | | | | | |
| Number of annuitants | 29 years | 24 years | 24 years | 29 years | 24 years | 24 years | 24 years |
| Number of active contributing members | 7 | 13 | 0 | 2 | 2 | 0 | 11 |
| Number of inactive members | 8 | 108 | 9 | 45 | 13 | 3 | 148 |
| Average age of contributing members | 48.4 years | 41.7 years | 48.4 years | 43.8 years | 49.9 years | 47.9 years | 41.3 years |
| Average length of service of contributing members | 6.5 years | 8.5 years | 2.0 years | 7.3 years | 8.1 years | 4.5 years | 7.2 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Littlefield | Live Oak | Livingston | Llano | Lockhart | Lockney | Lone Star |
|---|-------------|--------------|--------------|-------------|--------------|------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$556,349 | \$5,320,542 | \$1,897,757 | \$154,067 | \$2,498,055 | \$5,113 | \$95,899 |
| a. Present Members | 547,919 | 1,037,833 | 2,026,476 | 420,529 | 1,965,958 | 12,484 | 99,186 |
| b. Annuitants | 2,864,943 | 11,118,743 | 7,826,777 | 1,939,575 | 9,394,729 | 253,352 | 554,365 |
| 2. Current Service Liability (Present Members) | \$3,969,211 | \$17,477,118 | \$11,751,010 | \$2,514,171 | \$13,858,742 | \$270,949 | \$749,450 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 3,029,605 | 10,963,677 | 7,960,183 | 1,953,070 | 336,147 | (\$65,198) | 670,646 |
| 4. Actuarial value of assets | \$939,606 | \$6,513,441 | \$3,790,827 | \$561,101 | \$4,359,763 | (\$65,198) | \$78,804 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 76.3% | 62.7% | 67.7% | 77.7% | 68.5% | 124.1% | 89.5% |
| 6. Funded Ratio: (4) / (3) | \$1,848,802 | \$4,807,169 | \$2,936,949 | \$1,558,491 | \$5,186,128 | \$248,428 | \$312,921 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 6.88% | 11.42% | 11.47% | 4.24% | 8.11% | 3.19% | 4.04% |
| Prior Service | 3.11% | 8.28% | 7.88% | 2.43% | 5.13% | -1.77% | 1.53% |
| Total Retirement | 9.99% | 19.70% | 19.35% | 6.67% | 13.24% | 1.42% | 5.57% |
| Supplemental Death | 10.31% | 0.32% | 0.28% | 0.30% | 0.32% | 0.32% | 0.20% |
| Total Rate | 7.94% | 19.87% | 19.63% | 6.97% | 13.47% | 1.74% | 5.77% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 11.50% | 16.30% | 15.54% | N/A | 11.40% | N/A | 4.32% |
| Statutory Maximum Rate (Total Retirement Only) | | | N/A | 9.50% | 12.50% | 7.50% | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 24 years | 29 years | 24 years | 29 years |
| Number of annuitants | 26 | 23 | 30 | 19 | 50 | 2 | 2 |
| Number of active contributing members | 56 | 110 | 76 | 45 | 140 | 7 | 10 |
| Number of inactive members | 28 | 43 | 9 | 28 | 92 | 5 | 11 |
| Average age of contributing members | 43.3 years | 43.0 years | 45.0 years | 45.3 years | 41.0 years | 39.5 years | 42.0 years |
| Average length of service of contributing members | 7.2 years | 12.5 years | 10.9 years | 7.9 years | 8.5 years | 6.0 years | 7.5 years |

| | Longview | Lorraine | Lorena | Lorenzo | Los Fresnos | Lott | Lubbock |
|---|--------------|------------|------------|------------|-------------|------------|---------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$9,191,891 | \$14,624 | \$160,166 | \$33,183 | \$67,879 | \$0 | \$59,567,894 |
| a. Present Members | 8,783,219 | 0 | 14,079 | 5,574 | 32,861 | 0 | 73,520,694 |
| b. Annuitants | 58,720,748 | 30,810 | 390,551 | 155,748 | 1,404,407 | 55,351 | 207,354,171 |
| 2. Current Service Liability (Present Members) | \$76,695,858 | \$45,434 | \$564,796 | \$194,505 | \$1,505,147 | \$55,351 | \$340,442,759 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 54,827,966 | 30,741 | 449,249 | 264,026 | 1,621,976 | 53,030 | 205,404,057 |
| 4. Actuarial value of assets | \$21,867,892 | \$14,693 | \$115,547 | (\$69,521) | (\$116,829) | \$2,321 | \$135,038,702 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 71.5% | 67.7% | 79.5% | 135.7% | 107.8% | 95.8% | 60.3% |
| 6. Funded Ratio: (4) / (3) | \$25,732,343 | \$80,988 | \$323,449 | \$96,267 | \$1,359,964 | \$190,929 | \$76,122,620 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 8.90% | 2.63% | 5.44% | 5.40% | 3.63% | 1.58% | 12.29% |
| Prior Service | 5.19% | 1.22% | 2.18% | -4.89% | -0.58% | 0.09% | 10.84% |
| Total Retirement | 14.09% | 3.85% | 7.62% | 0.51% | 3.05% | 1.67% | 23.13% |
| Supplemental Death | 0.23% | 0.17% | 0.18% | 0.00% | 0.17% | 0.23% | 0.00% |
| Total Rate | 14.32% | 4.02% | 7.80% | 0.51% | 3.22% | 1.90% | 23.13% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 7.01% | N/A | N/A | N/A | 18.33% |
| Statutory Maximum Rate (Total Retirement Only) | 15.50% | N/A | 10.50% | 9.50% | 9.50% | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 24 years | 24 years | 24 years | 29 years |
| Number of annuitants | 317 | 0 | 2 | 2 | 7 | 0 | 862 |
| Number of active contributing members | 613 | 3 | 12 | 3 | 45 | 7 | 1,612 |
| Number of inactive members | 246 | 3 | 15 | 6 | 35 | 19 | 485 |
| Average age of contributing members | 42.9 years | 48.0 years | 40.1 years | 46.1 years | 41.0 years | 45.9 years | 43.7 years |
| Average length of service of contributing members | 9.8 years | 9.4 years | 5.9 years | 5.6 years | 8.3 years | 6.5 years | 11.3 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Lucas | Lufkin | Luling | Lumberton | Lyford | Lytle | Madisonville |
|---|-------------|--------------|-------------|--------------|------------|-------------|--------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$190,572 | \$11,210,966 | \$573,245 | \$1,124,819 | \$110,747 | \$243,041 | \$281,732 |
| a. Present Members | 0 | 9,604,672 | 644,850 | 582,184 | 0 | 27,040 | 254,475 |
| b. Annuitants | 583,685 | 29,856,547 | 2,806,330 | 3,860,705 | 54,683 | 715,547 | 1,085,779 |
| 2. Current Service Liability (Present Members) | \$774,257 | \$50,672,215 | \$4,024,425 | \$3,860,705 | \$165,430 | \$985,628 | \$1,621,986 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$964,829 | \$61,884,957 | \$4,668,870 | \$7,725,514 | \$220,113 | \$1,012,668 | \$1,907,218 |
| 4. Actuarial value of assets | \$157,306 | \$21,445,432 | \$1,301,008 | \$1,612,059 | \$107,009 | \$101,678 | \$1,142,817 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$807,523 | \$40,439,525 | \$3,367,862 | \$6,113,455 | \$113,104 | \$910,990 | \$764,401 |
| 6. Funded Ratio: (4) / (3) | 79.7% | 57.7% | 67.7% | 58.2% | 35.3% | 89.7% | 70.5% |
| 7. Annual Payroll | \$677,751 | \$13,720,152 | \$2,358,037 | \$1,487,350 | \$269,659 | \$608,193 | \$1,100,491 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.44% | 11.20% | 6.28% | 12.42% | 3.45% | 7.35% | 5.86% |
| Prior Service | 1.57% | 9.54% | 3.37% | 6.62% | 2.69% | 1.02% | 2.66% |
| Total Retirement | 7.01% | 20.74% | 9.65% | 19.04% | 6.14% | 8.37% | 8.52% |
| Supplemental Death | 0.17% | 0.24% | 0.34% | 0.21% | 0.00% | 0.16% | 0.26% |
| Total Rate | 7.18% | 20.98% | 9.99% | 19.25% | 6.14% | 8.53% | 8.78% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 16.39% | 8.76% | 16.68% | N/A | 6.70% | 5.77% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | N/A | 11.50% | N/A | N/A | 11.50% | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 24 years | 29 years | 29 years |
| Number of annuitants | 1 | 146 | 28 | 10 | 0 | 1 | 14 |
| Number of active contributing members | 18 | 363 | 74 | 36 | 12 | 18 | 33 |
| Number of inactive members | 32 | 117 | 42 | 6 | 0 | 13 | 24 |
| Average age of contributing members | 42.9 years | 42.3 years | 43.8 years | 44.3 years | 41.9 years | 41.1 years | 45.2 years |
| Average length of service of contributing members | 5.0 years | 10.0 years | 8.1 years | 9.2 years | 7.8 years | 5.9 years | 6.8 years |
| | | | | | | | |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$13,107 | \$27,776 | \$41,402 | \$14,772,111 | \$86,157 | \$18,222 | \$0 |
| a. Present Members | 55,729 | 21,871 | 0 | 3,806,308 | 21,860 | 68,829 | 29,168 |
| b. Annuitants | 506,470 | 628,750 | 610,173 | 41,640,361 | 427,840 | 8,709,843 | 1,269,113 |
| 2. Current Service Liability (Present Members) | \$575,306 | \$678,397 | \$651,575 | \$60,218,780 | \$535,857 | \$8,796,894 | \$1,298,281 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$688,413 | \$907,167 | \$1,061,747 | \$76,437,141 | \$621,707 | \$9,586,737 | \$1,531,846 |
| 4. Actuarial value of assets | \$11,556 | \$70,833 | \$659,671 | \$42,002,665 | \$26,680 | \$8,184,513 | (\$233,565) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$676,857 | \$836,334 | (\$407,926) | \$34,434,476 | \$595,027 | \$1,402,224 | \$1,765,411 |
| 6. Funded Ratio: (4) / (3) | 98.0% | 98.9% | 101.2% | 69.8% | 98.3% | 93.0% | 118.0% |
| 7. Annual Payroll | \$1,022,705 | \$643,980 | \$1,276,190 | \$25,727,619 | \$968,656 | \$5,738,816 | \$525,892 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 1.94% | 3.43% | 3.71% | 10.13% | 2.28% | 5.63% | 7.31% |
| Prior Service | 0.07% | 0.08% | -0.04% | 4.32% | 0.07% | 0.72% | -3.00% |
| Total Retirement | 2.01% | 3.51% | 3.67% | 14.45% | 2.35% | 6.35% | 4.31% |
| Supplemental Death | 0.28% | 0.25% | 0.18% | 0.16% | 0.18% | 0.21% | 0.56% |
| Total Rate | 2.29% | 3.76% | 3.85% | 14.61% | 2.53% | 6.56% | 4.87% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | 12.29% | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | 9.50% | N/A | 13.50% | 7.50% | 13.50% | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 24 years | 29 years | 24 years | 24 years | 24 years |
| Number of annuitants | 4 | 6 | 0 | 74 | 4 | 31 | 11 |
| Number of active contributing members | 26 | 19 | 33 | 483 | 24 | 127 | 18 |
| Number of inactive members | 18 | 11 | 21 | 133 | 18 | 58 | 23 |
| Average age of contributing members | 46.1 years | 46.8 years | 38.1 years | 39.8 years | 42.0 years | 41.8 years | 50.1 years |
| Average length of service of contributing members | 7.6 years | 9.5 years | 4.6 years | 8.3 years | 5.9 years | 8.4 years | 10.7 years |
| | | | | | | | |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$13,107 | \$27,776 | \$41,402 | \$14,772,111 | \$86,157 | \$18,222 | \$0 |
| a. Present Members | 55,729 | 21,871 | 0 | 3,806,308 | 21,860 | 68,829 | 29,168 |
| b. Annuitants | 506,470 | 628,750 | 610,173 | 41,640,361 | 427,840 | 8,709,843 | 1,269,113 |
| 2. Current Service Liability (Present Members) | \$575,306 | \$678,397 | \$651,575 | \$60,218,780 | \$535,857 | \$8,796,894 | \$1,298,281 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$688,413 | \$907,167 | \$1,061,747 | \$76,437,141 | \$621,707 | \$9,586,737 | \$1,531,846 |
| 4. Actuarial value of assets | \$11,556 | \$70,833 | \$659,671 | \$42,002,665 | \$26,680 | \$8,184,513 | (\$233,565) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$676,857 | \$836,334 | (\$407,926) | \$34,434,476 | \$595,027 | \$1,402,224 | \$1,765,411 |
| 6. Funded Ratio: (4) / (3) | 98.0% | 98.9% | 101.2% | 69.8% | 98.3% | 93.0% | 118.0% |
| 7. Annual Payroll | \$1,022,705 | \$643,980 | \$1,276,190 | \$25,727,619 | \$968,656 | \$5,738,816 | \$525,892 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 1.94% | 3.43% | 3.71% | 10.13% | 2.28% | 5.63% | 7.31% |
| Prior Service | 0.07% | 0.08% | -0.04% | 4.32% | 0.07% | 0.72% | -3.00% |
| Total Retirement | 2.01% | 3.51% | 3.67% | 14.45% | 2.35% | 6.35% | 4.31% |
| Supplemental Death | 0.28% | 0.25% | 0.18% | 0.16% | 0.18% | 0.21% | 0.56% |
| Total Rate | 2.29% | 3.76% | 3.85% | 14.61% | 2.53% | 6.56% | 4.87% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | 12.29% | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | 9.50% | N/A | 13.50% | 7.50% | 13.50% | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 24 years | 29 years | 24 years | 24 years | 24 years |
| Number of annuitants | 4 | 6 | 0 | 74 | 4 | 31 | 11 |
| Number of active contributing members | 26 | 19 | 33 | 483 | 24 | 127 | 18 |
| Number of inactive members | 18 | 11 | 21 | 133 | 18 | 58 | 23 |
| Average age of contributing members | 46.1 years | 46.8 years | 38.1 years | 39.8 years | 42.0 years | 41.8 years | 50.1 years |
| Average length of service of contributing members | 7.6 years | 9.5 years | 4.6 years | 8.3 years | 5.9 years | 8.4 years | 10.7 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Marion | Marlin | Marshall | Mart | Mason | Matador | Mathis |
|---|------------|---------------|--------------|-------------|---------------|------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$54,150 | \$125,131 | \$4,639,286 | \$137,664 | \$167,980 | \$22,496 | \$41,427 |
| b. Annuitants | 17,878 | 1,081,324 | 7,310,450 | 51,300 | 139,831 | 0 | 168,708 |
| 2. Current Service Liability (Present Members) | 260,440 | 822,076 | 17,134,520 | 520,399 | 958,283 | 33,412 | 1,316,657 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$332,468 | \$2,028,531 | \$29,084,256 | \$709,363 | \$1,206,094 | \$55,908 | \$1,526,792 |
| 4. Actuarial value of assets | 351,705 | 1,220,432 | 15,936,612 | 813,246 | 1,003,755 | 29,516 | 1,619,127 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | (\$19,237) | \$808,099 | \$13,147,644 | (\$103,883) | \$202,339 | \$26,392 | (\$92,335) |
| 6. Funded Ratio: (4) / (3) | 105.8% | 60.2% | 54.8% | 114.6% | 79.3% | 52.8% | 106.0% |
| 7. Annual Payroll | \$343,825 | \$1,187,581 | \$7,580,382 | \$441,723 | \$847,812 | \$122,996 | \$1,055,674 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 6.22% | 3.74% | 12.02% | 4.51% | 4.11% | 3.84% | 2.69% |
| Prior Service | -0.38% | 4.16% | 10.59% | -1.44% | 1.89% | 1.45% | -0.59% |
| Total Retirement | 5.84% | 7.90% | 22.61% | 3.07% | 6.00% | 5.29% | 2.10% |
| Supplemental Death | 0.32% | 0.32% | 0.27% | 0.21% | 0.39% | 0.27% | 0.28% |
| Total Rate | 6.16% | 8.22% | 22.88% | 3.28% | 6.39% | 5.56% | 2.38% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 7.12% | 18.69% | 2.14% | 4.87% | N/A | N/A |
| Statutory/Maximum Rate (Total Retirement Only) | 11.50% | 11.50% | N/A | 9.50% | 7.50% | N/A | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 29 years | 24 years | 24 years |
| Number of annuitants | 1 | 43 | 125 | 3 | 6 | 0 | 10 |
| Number of active contributing members | 9 | 41 | 203 | 15 | 29 | 4 | 40 |
| Number of inactive members | 8 | 110 | 63 | 24 | 7 | 0 | 60 |
| Average age of contributing members | 45.6 years | 41.9 years | 44.6 years | 43.7 years | 49.3 years | 50.8 years | 42.6 years |
| Average length of service of contributing members | 6.2 years | 5.0 years | 9.5 years | 5.1 years | 10.1 years | 6.2 years | 8.1 years |
| | Maypearl | McAllen | McCamey | McGregor | McKinney | McLean | Meadowlakes |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$36,544 | \$3,041,198 | \$85,487 | \$640,183 | \$26,424,068 | \$64,965 | \$172 |
| b. Annuitants | 0 | 4,051,575 | 44,397 | 600,090 | 8,287,034 | 1,870 | 0 |
| 2. Current Service Liability (Present Members) | 74,165 | 93,379,364 | 722,083 | 1,821,505 | 69,700,084 | 107,649 | 66,391 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$110,709 | \$100,472,137 | \$851,967 | \$3,061,778 | \$104,411,186 | \$174,484 | \$66,563 |
| 4. Actuarial value of assets | 101,333 | 97,604,499 | 862,196 | 2,229,981 | 66,901,198 | 146,929 | 89,762 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$9,376 | \$2,867,638 | (\$10,229) | \$831,797 | \$37,509,988 | \$27,555 | (\$23,199) |
| 6. Funded Ratio: (4) / (3) | 91.5% | 97.1% | 101.2% | 72.8% | 64.1% | 84.2% | 134.9% |
| 7. Annual Payroll | \$177,222 | \$53,770,371 | \$312,785 | \$1,589,504 | \$47,208,569 | \$165,441 | \$656,063 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.24% | 5.66% | 6.72% | 6.50% | 9.94% | 2.43% | 1.63% |
| Prior Service | 0.36% | 0.36% | -0.22% | 3.54% | 4.85% | 1.13% | -0.23% |
| Total Retirement | 2.60% | 6.02% | 6.50% | 10.04% | 14.79% | 3.56% | 1.40% |
| Supplemental Death | 0.20% | 0.00% | 0.38% | 0.36% | 0.14% | 0.15% | 0.12% |
| Total Rate | 2.80% | 6.02% | 6.88% | 10.40% | 14.93% | 3.71% | 1.52% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | N/A | 12.18% | N/A | N/A |
| Statutory/Maximum Rate (Total Retirement Only) | 7.50% | 12.50% | 9.50% | 12.50% | 13.50% | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 24 years | 24 years | 29 years | 24 years | 24 years |
| Number of annuitants | 0 | 252 | 6 | 18 | 117 | 1 | 0 |
| Number of active contributing members | 6 | 1,425 | 8 | 45 | 774 | 6 | 19 |
| Number of inactive members | 7 | 311 | 2 | 39 | 240 | 4 | 5 |
| Average age of contributing members | 42.1 years | 39.9 years | 41.7 years | 42.6 years | 40.0 years | 41.0 years | 39.7 years |
| Average length of service of contributing members | 2.9 years | 9.4 years | 12.7 years | 7.8 years | 8.8 years | 4.5 years | 1.1 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Meadows Place | Melissa | Memorial Villages Police | Memphis | Menard | Mercedes | Meridian |
|---|---------------|-------------|-----------------------------|-------------|---------------|--------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$889,515 | \$76,386 | \$3,145,310 | \$167,538 | \$111,695 | \$4,494,308 | \$16,821 |
| a. Present Members | 263,516 | 1,138 | 3,052,138 | 364,020 | 74,963 | 1,303,680 | 0 |
| b. Annuitants | 2,483,990 | 643,078 | 5,166,961 | 846,232 | 864,966 | 4,294,856 | 238,175 |
| 2. Current Service Liability (Present Members) | \$3,637,021 | \$720,602 | \$11,364,409 | \$1,377,790 | \$1,051,624 | \$10,092,844 | \$254,996 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 2,653,643 | 596,055 | 5,573,346 | 1,014,489 | 872,968 | 5,140,334 | 299,215 |
| 4. Actuarial value of assets | \$983,378 | \$124,547 | \$5,791,063 | \$363,301 | \$178,656 | \$4,952,510 | (\$44,219) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 73.0% | 82.7% | 49.0% | 73.6% | 83.0% | 50.9% | 117.3% |
| 6. Funded Ratio: (4) / (3) | \$1,272,488 | \$1,085,587 | \$2,792,247 | \$422,867 | \$272,045 | \$3,492,839 | \$245,193 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 10.51% | 4.54% | 10.30% | 7.28% | 8.40% | 10.52% | 5.15% |
| Prior Service | 4.71% | 0.78% | 12.66% | 8.66% | 4.01% | 8.66% | -1.22% |
| Total Retirement | 15.22% | 5.32% | 22.96% | 12.53% | 12.41% | 19.18% | 3.93% |
| Supplemental Death | 0.20% | 0.20% | 0.22% | 0.36% | 0.00% | 0.20% | 0.17% |
| Total Rate | 15.42% | 5.52% | 23.18% | 12.89% | 12.41% | 19.38% | 4.10% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 13.49% | N/A | 20.44% | 10.36% | 9.88% | 16.47% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | N/A | N/A | 9.50% | 9.50% | N/A | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 29 years | 29 years | 24 years |
| Number of annuitants | 6 | 2 | 18 | 8 | 3 | 29 | 0 |
| Number of active contributing members | 26 | 31 | 41 | 18 | 9 | 104 | 8 |
| Number of inactive members | 30 | 13 | 8 | 8 | 0 | 37 | 8 |
| Average age of contributing members | 44.1 years | 40.6 years | 46.5 years | 45.5 years | 49.2 years | 40.7 years | 43.3 years |
| Average length of service of contributing members | 10.1 years | 5.6 years | 16.5 years | 11.5 years | 17.6 years | 9.3 years | 7.6 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$242,863 | \$252,379 | \$48,143,103 | \$800,417 | \$19,316,485 | \$4,156,429 | \$0 |
| a. Present Members | 373,890 | 0 | 61,371,540 | 61,371,540 | 26,201,147 | 1,787,531 | 0 |
| b. Annuitants | 363,423 | 42,670 | 180,923,002 | 3,784,483 | 101,772,948 | 10,252,830 | 110,429 |
| 2. Current Service Liability (Present Members) | \$980,176 | \$295,049 | \$290,437,645 | \$5,917,023 | \$147,290,580 | \$16,196,790 | \$110,429 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 491,922 | 78,937 | 172,795,729 | 4,178,465 | 92,509,300 | 10,444,021 | 134,044 |
| 4. Actuarial value of assets | \$488,254 | \$216,112 | \$117,641,916 | \$1,738,558 | \$54,781,280 | \$5,752,769 | (\$23,615) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 50.2% | 26.8% | 59.5% | 70.6% | 62.8% | 64.5% | 121.4% |
| 6. Funded Ratio: (4) / (3) | \$345,017 | \$156,447 | \$61,887,949 | \$3,103,816 | \$32,030,020 | \$7,962,100 | \$99,706 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 8.46% | 6.04% | 13.28% | 7.20% | 11.98% | 9.24% | 1.64% |
| Prior Service | 8.64% | 8.44% | 11.61% | 3.42% | 10.44% | 4.41% | -1.60% |
| Total Retirement | 17.10% | 14.48% | 24.89% | 10.62% | 22.42% | 13.65% | 0.04% |
| Supplemental Death | 0.19% | 0.30% | 0.00% | 0.20% | 0.00% | 0.18% | 0.09% |
| Total Rate | 17.29% | 14.78% | 24.89% | 10.82% | 22.42% | 13.83% | 0.13% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 15.10% | 12.81% | 18.89% | 9.01% | 18.32% | 12.05% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | N/A | 13.50% | N/A | 13.50% | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 29 years | 29 years | 24 years |
| Number of annuitants | 4 | 0 | 448 | 38 | 407 | 41 | 0 |
| Number of active contributing members | 12 | 5 | 1,049 | 101 | 699 | 157 | 3 |
| Number of inactive members | 8 | 1 | 242 | 96 | 265 | 51 | 1 |
| Average age of contributing members | 40.8 years | 47.9 years | 42.3 years | 39.0 years | 41.6 years | 41.1 years | 38.5 years |
| Average length of service of contributing members | 5.9 years | 15.1 years | 11.8 years | 5.2 years | 10.8 years | 8.3 years | 8.8 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Millford | Mincola | Mineral Wells | Mission | Missouri City | Monahans | Mont Belvieu |
|---|------------|-------------|---------------|--------------|---------------|-------------|--------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$162,925 | \$142,856 | \$2,277,654 | \$12,070,529 | \$9,932,418 | \$1,017,550 | \$1,221,509 |
| a. Present Members | 20,070 | 118,373 | 2,517,126 | 3,614,454 | 8,912,281 | 1,576,317 | 279,326 |
| b. Annuitants | 242,487 | 2,290,569 | 10,045,862 | 25,249,057 | 35,929,192 | 3,712,507 | 5,907,008 |
| 2. Current Service Liability (Present Members) | \$425,482 | \$2,551,798 | \$14,840,642 | \$40,934,040 | \$54,773,891 | \$6,306,374 | \$7,407,843 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 303,055 | 2,391,955 | 10,287,692 | 25,957,903 | 37,113,058 | 3,815,584 | 6,302,516 |
| 4. Actuarial value of assets | \$122,427 | \$159,843 | \$4,552,950 | \$14,976,137 | \$17,660,833 | \$2,490,790 | \$1,105,327 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 71.2% | 93.7% | 63.4% | 63.4% | 67.8% | 60.5% | 85.1% |
| 6. Funded Ratio: (4) / (3) | \$318,080 | \$1,769,069 | \$6,332,772 | \$19,468,044 | \$16,630,535 | \$2,325,089 | \$3,029,378 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 6.11% | 5.65% | 7.39% | 9.00% | 10.87% | 7.32% | 7.58% |
| Prior Service | 2.35% | 0.61% | 4.39% | 4.69% | 6.49% | 6.54% | 2.23% |
| Total Retirement | 8.46% | 6.26% | 11.78% | 13.69% | 17.36% | 13.86% | 9.81% |
| Supplemental Death | 0.34% | 0.22% | 0.28% | 0.15% | 0.17% | 0.24% | 0.19% |
| Total Rate | 8.80% | 6.48% | 12.06% | 13.84% | 17.53% | 14.10% | 10.00% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 7.98% | N/A | 9.34% | 11.28% | 13.96% | 11.82% | 8.72% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 11.50% | 11.50% | 12.50% | 15.50% | N/A | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 29 years | 29 years | 29 years |
| Number of annuitants | 1 | 18 | 75 | 95 | 85 | 24 | 9 |
| Number of active contributing members | 3 | 50 | 163 | 537 | 306 | 51 | 57 |
| Number of inactive members | 3 | 24 | 105 | 169 | 109 | 21 | 14 |
| Average age of contributing members | 45.2 years | 42.1 years | 44.9 years | 39.5 years | 39.7 years | 41.9 years | 43.5 years |
| Average length of service of contributing members | 8.5 years | 7.4 years | 8.5 years | 8.3 years | 9.3 years | 11.0 years | 11.1 years |

| | Montgomery | Moody | Morgan's Point | Morgan's Point Resort | Morton | Moulton | Mount Enterprise |
|---|------------|------------|----------------|-----------------------|-------------|-------------|------------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$16,476 | \$200,865 | \$507,959 | \$348,965 | \$204,220 | \$153,568 | \$29,756 |
| a. Present Members | 3,415 | 0 | 361,040 | 140,953 | 226,989 | 101,366 | 0 |
| b. Annuitants | 356,978 | 293,286 | 1,318,765 | 902,175 | 791,477 | 984,564 | 32,555 |
| 2. Current Service Liability (Present Members) | \$376,869 | \$494,151 | \$2,187,764 | \$1,392,093 | \$1,222,686 | \$1,239,498 | \$62,311 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 343,275 | 399,779 | 1,442,208 | 939,793 | 896,253 | 1,014,129 | 58,849 |
| 4. Actuarial value of assets | \$33,594 | \$94,372 | \$745,556 | \$452,300 | \$326,433 | \$225,369 | \$3,462 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 91.1% | 80.9% | 65.9% | 67.5% | 73.3% | 81.8% | 94.4% |
| 6. Funded Ratio: (4) / (3) | \$481,218 | \$334,224 | \$740,229 | \$797,116 | \$307,103 | \$362,651 | \$69,329 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 4.08% | 4.47% | 11.77% | 7.70% | 10.48% | 7.11% | 4.25% |
| Prior Service | 0.47% | 1.90% | 6.15% | 3.46% | 6.49% | 3.80% | 0.82% |
| Total Retirement | 4.55% | 6.37% | 17.92% | 11.16% | 16.97% | 10.91% | 5.07% |
| Supplemental Death | 0.00% | 0.35% | 0.00% | 0.25% | 0.44% | 0.36% | 0.27% |
| Total Rate | 4.55% | 6.72% | 17.92% | 11.41% | 17.41% | 11.27% | 5.34% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 15.11% | 10.30% | 14.86% | 7.50% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 12.50% | 7.50% | N/A | 13.50% | N/A | 7.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 29 years | 29 years | 29 years | 8 years |
| Number of annuitants | 2 | 0 | 6 | 10 | 8 | 5 | 0 |
| Number of active contributing members | 14 | 9 | 15 | 26 | 9 | 10 | 0 |
| Number of inactive members | 15 | 0 | 6 | 18 | 3 | 6 | 0 |
| Average age of contributing members | 39.7 years | 51.1 years | 50.2 years | 43.4 years | 42.6 years | 53.4 years | 52.5 years |
| Average length of service of contributing members | 6.2 years | 16.5 years | 7.3 years | 7.8 years | 13.9 years | 17.6 years | 11.8 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Mt. Pleasant | Mt. Vernon | Muenster | Muleshoe | Murphy | Nacogdoches | Nacogdoches Mem Hosp |
|---|--------------|-------------|-------------|-------------|-------------|--------------|----------------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$3,990,832 | \$231,807 | \$0 | \$641,555 | \$1,704,043 | \$11,122,697 | \$0 |
| a. Present Members | 1,900,564 | 249,805 | 3,483 | 848,886 | 847,445 | 10,353,932 | 664 |
| b. Annuitants | 9,644,934 | 992,082 | 923,862 | 2,618,906 | 4,128,468 | 29,386,031 | 0 |
| 2. Current Service Liability (Present Members) | \$15,536,330 | \$1,473,694 | \$927,345 | \$4,109,347 | \$6,679,956 | \$50,862,660 | \$664 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 9,732,672 | 1,008,077 | 999,844 | 2,605,151 | 4,051,192 | 25,360,972 | 1,150,040 |
| 4. Actuarial value of assets | \$5,803,658 | \$465,617 | (\$72,499) | \$1,504,196 | \$2,628,764 | \$25,501,688 | (\$1,149,376) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 62.6% | 68.4% | 107.8% | 63.4% | 60.6% | 49.9% | 173,198.8% |
| 6. Funded Ratio: (4) / (3) | \$5,265,395 | \$692,925 | \$310,681 | \$1,014,225 | \$5,071,787 | \$13,830,423 | \$0 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 10.25% | 8.48% | 7.78% | 11.26% | 7.29% | 11.10% | 0.00% |
| Prior Service | 6.73% | 4.10% | -1.58% | 9.05% | 3.51% | 11.26% | 0.00% |
| Total Retirement | 16.98% | 12.58% | 6.20% | 20.31% | 10.80% | 22.36% | 0.00% |
| Supplemental Death | 0.21% | 0.24% | 0.00% | 0.23% | 0.14% | 0.20% | 0.00% |
| Total Rate | 17.19% | 12.82% | 6.20% | 20.54% | 10.94% | 22.56% | 0.00% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 14.29% | 11.27% | N/A | 16.11% | N/A | 17.48% | N/A |
| Statutory/Maximum Rate (Total Retirement Only) | 13.50% | 13.50% | 11.50% | N/A | 13.50% | N/A | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 29 years | 24 years | 29 years | 24 years |
| Number of annuitants | 58 | 14 | 7 | 13 | 8 | 140 | 3 |
| Number of active contributing members | 144 | 20 | 10 | 34 | 97 | 307 | 0 |
| Number of inactive members | 77 | 15 | 5 | 16 | 40 | 87 | 0 |
| Average age of contributing members | 40.3 years | 41.7 years | 52.7 years | 42.8 years | 40.0 years | 40.8 years | 40.8 years |
| Average length of service of contributing members | 8.2 years | 6.5 years | 8.1 years | 9.4 years | 8.6 years | 10.6 years | 10.6 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$0 | \$0 | \$1,184,685 | \$21,104 | \$925,072 | \$1,535,219 | \$116,488 |
| a. Present Members | 0 | 36,470 | 424,962 | 0 | 687,856 | 2,560,141 | 82,060 |
| b. Annuitants | 167,330 | 585,711 | 1,804,945 | 25,184 | 4,023,634 | 23,524,116 | 1,110,599 |
| 2. Current Service Liability (Present Members) | \$167,330 | \$622,181 | \$3,414,592 | \$46,288 | \$5,636,562 | \$27,619,476 | \$1,309,147 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 214,768 | 699,515 | 1,868,790 | 7,172 | 4,555,547 | 23,440,520 | 1,151,803 |
| 4. Actuarial value of assets | (\$47,438) | (\$77,334) | \$1,545,802 | \$39,116 | \$1,081,015 | \$4,178,956 | \$157,344 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 128.3% | 112.4% | 54.7% | 15.5% | 80.8% | 84.9% | 88.0% |
| 6. Funded Ratio: (4) / (3) | \$231,684 | \$707,594 | \$2,144,159 | \$333,286 | \$2,563,746 | \$5,790,932 | \$495,739 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.58% | 4.56% | 6.39% | 2.46% | 6.17% | 12.18% | 5.96% |
| Prior Service | -1.38% | -0.74% | 4.40% | 0.79% | 2.57% | 4.88% | 2.15% |
| Total Retirement | 1.20% | 3.82% | 10.79% | 3.25% | 8.74% | 17.06% | 8.11% |
| Supplemental Death | 0.30% | 0.32% | 0.25% | 0.23% | 0.20% | 0.00% | 0.38% |
| Total Rate | 1.50% | 4.14% | 11.04% | 3.48% | 8.94% | 17.06% | 8.49% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 10.45% | N/A | 7.08% | N/A | N/A |
| Statutory/Maximum Rate (Total Retirement Only) | 7.50% | 11.50% | N/A | N/A | 11.50% | N/A | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 24 years | 29 years | 24 years | 24 years |
| Number of annuitants | 3 | 5 | 6 | 0 | 24 | 65 | 7 |
| Number of active contributing members | 8 | 19 | 44 | 11 | 78 | 105 | 13 |
| Number of inactive members | 9 | 6 | 21 | 0 | 55 | 25 | 16 |
| Average age of contributing members | 45.4 years | 42.2 years | 44.0 years | 42.1 years | 40.9 years | 43.3 years | 46.0 years |
| Average length of service of contributing members | 3.5 years | 7.8 years | 11.3 years | 5.5 years | 7.2 years | 15.0 years | 11.3 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$0 | \$0 | \$1,184,685 | \$21,104 | \$925,072 | \$1,535,219 | \$116,488 |
| a. Present Members | 0 | 36,470 | 424,962 | 0 | 687,856 | 2,560,141 | 82,060 |
| b. Annuitants | 167,330 | 585,711 | 1,804,945 | 25,184 | 4,023,634 | 23,524,116 | 1,110,599 |
| 2. Current Service Liability (Present Members) | \$167,330 | \$622,181 | \$3,414,592 | \$46,288 | \$5,636,562 | \$27,619,476 | \$1,309,147 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 214,768 | 699,515 | 1,868,790 | 7,172 | 4,555,547 | 23,440,520 | 1,151,803 |
| 4. Actuarial value of assets | (\$47,438) | (\$77,334) | \$1,545,802 | \$39,116 | \$1,081,015 | \$4,178,956 | \$157,344 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 128.3% | 112.4% | 54.7% | 15.5% | 80.8% | 84.9% | 88.0% |
| 6. Funded Ratio: (4) / (3) | \$231,684 | \$707,594 | \$2,144,159 | \$333,286 | \$2,563,746 | \$5,790,932 | \$495,739 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.58% | 4.56% | 6.39% | 2.46% | 6.17% | 12.18% | 5.96% |
| Prior Service | -1.38% | -0.74% | 4.40% | 0.79% | 2.57% | 4.88% | 2.15% |
| Total Retirement | 1.20% | 3.82% | 10.79% | 3.25% | 8.74% | 17.06% | 8.11% |
| Supplemental Death | 0.30% | 0.32% | 0.25% | 0.23% | 0.20% | 0.00% | 0.38% |
| Total Rate | 1.50% | 4.14% | 11.04% | 3.48% | 8.94% | 17.06% | 8.49% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 10.45% | N/A | 7.08% | N/A | N/A |
| Statutory/Maximum Rate (Total Retirement Only) | 7.50% | 11.50% | N/A | N/A | 11.50% | N/A | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 24 years | 29 years | 24 years | 24 years |
| Number of annuitants | 3 | 5 | 6 | 0 | 24 | 65 | 7 |
| Number of active contributing members | 8 | 19 | 44 | 11 | 78 | 105 | 13 |
| Number of inactive members | 9 | 6 | 21 | 0 | 55 | 25 | 16 |
| Average age of contributing members | 45.4 years | 42.2 years | 44.0 years | 42.1 years | 40.9 years | 43.3 years | 46.0 years |
| Average length of service of contributing members | 3.5 years | 7.8 years | 11.3 years | 5.5 years | 7.2 years | 15.0 years | 11.3 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | New Boston | New Braumfels | New Braumfels Utilities | New Deal | New London | New Summerfield | New Waverly |
|---|-------------|---------------|-------------------------|------------|------------|-----------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | | | | | | | |
| b. Annuitants | \$294,455 | \$15,371,723 | \$11,086,650 | \$12,128 | \$89,171 | \$8,670 | \$29,476 |
| 2. Current Service Liability (Present Members) | 219,068 | 12,569,944 | 6,781,850 | 0 | 61,731 | 169 | 72,166 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 1,563,540 | 30,344,883 | 19,803,960 | 147,315 | 338,033 | 114,537 | 208,315 |
| 4. Actuarial value of assets | \$2,077,063 | \$8,286,550 | \$37,672,460 | \$159,443 | \$488,935 | \$123,376 | \$309,957 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 1,735,479 | 29,987,078 | 22,465,242 | 173,348 | 381,695 | 179,779 | 276,174 |
| 6. Funded Ratio: (4) / (3) | \$341,584 | \$28,299,472 | \$15,207,218 | (\$13,905) | \$107,240 | (\$56,403) | \$33,783 |
| 7. Annual Payroll | 83.6% | 51.4% | 59.6% | 108.7% | 78.1% | 145.7% | 89.1% |
| | \$958,813 | \$23,139,532 | \$9,950,170 | \$143,856 | \$317,492 | \$223,168 | \$182,760 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.04% | 9.76% | 10.31% | 2.60% | 4.90% | 2.78% | 4.43% |
| Prior Service | 2.17% | 7.46% | 9.33% | -0.66% | 2.07% | -1.54% | 1.25% |
| Total Retirement | 7.21% | 17.22% | 19.64% | 1.94% | 6.97% | 1.24% | 5.68% |
| Supplemental Death | 0.27% | 0.15% | 0.21% | 0.00% | 0.00% | 0.00% | 0.19% |
| Total Rate | 7.48% | 17.37% | 19.85% | 1.94% | 6.97% | 1.24% | 5.87% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 4.73% | 13.86% | 14.64% | N/A | 5.71% | 0.73% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | 13.50% | N/A | 7.50% | 7.50% | 7.50% | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 24 years | 29 years | 29 years | 24 years |
| Number of annuitants | 13 | 147 | 72 | 0 | 3 | 1 | 1 |
| Number of active contributing members | 33 | 467 | 209 | 4 | 9 | 8 | 5 |
| Number of inactive members | 3 | 167 | 50 | 7 | 11 | 16 | 1 |
| Average age of contributing members | 46.7 years | 39.4 years | 42.2 years | 48.9 years | 48.6 years | 38.1 years | 45.0 years |
| Average length of service of contributing members | 10.7 years | 8.6 years | 10.7 years | 6.0 years | 8.6 years | 3.5 years | 14.1 years |

| | Newton | Nixon | Nocona | Normanage | North Richland Hills | Northlake | Oak Point |
|---|-------------|------------|-------------|------------|----------------------|------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | | | | | | | |
| b. Annuitants | \$789,329 | \$153,681 | \$210,849 | \$13,508 | \$24,479,281 | \$55,583 | \$19,296 |
| 2. Current Service Liability (Present Members) | 1,099,977 | 45,359 | 185,245 | 0 | 15,901,025 | 0 | 0 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 1,257,258 | 263,956 | 636,085 | 99,978 | 79,832,842 | 344,944 | 420,556 |
| 4. Actuarial value of assets | \$3,146,564 | \$462,996 | \$1,032,179 | \$113,486 | \$120,213,148 | \$400,527 | \$439,852 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 1,690,545 | 350,469 | 770,219 | 114,601 | 83,565,864 | 323,426 | 445,514 |
| 6. Funded Ratio: (4) / (3) | \$1,456,019 | \$112,527 | \$261,960 | (\$1,115) | \$36,647,284 | \$77,101 | (\$5,662) |
| 7. Annual Payroll | 53.7% | 75.7% | 74.6% | 101.0% | 69.5% | 80.8% | 101.3% |
| | \$734,627 | \$314,224 | \$775,234 | \$77,084 | \$29,145,373 | \$694,984 | \$788,677 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 12.43% | 4.03% | 7.30% | 5.02% | 12.32% | 4.56% | 2.62% |
| Prior Service | 12.10% | 2.42% | 2.07% | -0.10% | 7.68% | 0.75% | -0.05% |
| Total Retirement | 24.53% | 6.45% | 9.37% | 4.92% | 20.00% | 5.31% | 2.57% |
| Supplemental Death | 0.22% | 0.36% | 0.28% | 0.27% | 0.17% | 0.12% | 0.11% |
| Total Rate | 24.75% | 6.81% | 9.65% | 5.19% | 20.17% | 5.43% | 2.68% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 20.30% | N/A | 8.18% | N/A | 16.07% | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | 11.50% | 11.50% | 15.50% | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 24 years | 29 years | 24 years | 24 years |
| Number of annuitants | 10 | 3 | 9 | 2 | 167 | 3 | 0 |
| Number of active contributing members | 20 | 11 | 30 | 2 | 522 | 17 | 18 |
| Number of inactive members | 3 | 5 | 15 | 6 | 231 | 14 | 18 |
| Average age of contributing members | 41.7 years | 45.0 years | 47.7 years | 51.2 years | 41.5 years | 39.6 years | 37.3 years |
| Average length of service of contributing members | 9.5 years | 11.5 years | 5.8 years | 2.5 years | 12.0 years | 6.3 years | 6.0 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Oak Ridge North | Odem | Odessa | O'Donnell | Oglesby | Old River-Winfree | Olmos Park |
|---|-----------------|------------|---------------|--------------|------------|-------------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$1,196,105 | \$193,008 | \$17,359,112 | \$84,839 | \$1,137 | \$0 | \$23,199 |
| a. Present Members | 60,121 | 55,583 | 25,040,599 | 0 | 0 | 0 | 88,722 |
| b. Annuitants | 2,405,205 | 407,856 | 74,679,636 | 87,325 | 40,996 | 10,829 | 2,185,091 |
| 2. Current Service Liability (Present Members) | \$3,661,431 | \$656,447 | \$117,079,347 | \$172,164 | \$42,133 | \$10,829 | \$2,297,012 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 2,338,306 | 504,138 | 68,052,044 | 125,255 | 41,298 | 28,325 | 2,241,333 |
| 4. Actuarial value of assets | \$1,323,125 | \$152,309 | \$49,027,303 | \$46,909 | \$835 | (\$17,496) | \$55,679 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 63.9% | 76.8% | 58.1% | 72.8% | 98.0% | 261.6% | 97.6% |
| 6. Funded Ratio: (4) / (3) | \$2,019,253 | \$382,779 | \$27,289,656 | \$100,700 | \$52,419 | \$43,762 | \$1,375,575 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 8.95% | 3.77% | 11.52% | 4.51% | 3.50% | 2.50% | 3.84% |
| Prior Service | 4.43% | 2.69% | 10.97% | 3.15% | 0.38% | -2.50% | 0.27% |
| Total Retirement | 13.38% | 6.46% | 22.49% | 7.66% | 3.88% | 0.00% | 4.11% |
| Supplemental Death | 0.25% | 0.61% | 0.24% | 0.49% | 0.48% | 0.00% | 0.00% |
| Total Rate | 13.63% | 7.07% | 22.73% | 8.15% | 4.36% | 0.00% | 4.11% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 16.80% | N/A | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | N/A | N/A | N/A | N/A | 7.50% | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 24 years | 5 years | 24 years | 24 years |
| Number of annuitants | 3 | 4 | 362 | 0 | 0 | 0 | 25 |
| Number of active contributing members | 43 | 14 | 644 | 4 | 2 | 2 | 35 |
| Number of inactive members | 14 | 2 | 276 | 3 | 0 | 2 | 32 |
| Average age of contributing members | 41.2 years | 53.5 years | 42.0 years | 54.4 years | 59.8 years | 37.8 years | 37.2 years |
| Average length of service of contributing members | 7.3 years | 14.3 years | 9.2 years | 14.3 years | 13.9 years | 4.1 years | 10.4 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$114,745 | \$15,999 | \$4,042 | \$8,216,549 | \$73,561 | \$42,642 | \$4,692 |
| a. Present Members | 16,805 | 65,198 | 4,647 | 6,814,912 | 4,647 | 7,377 | 863 |
| b. Annuitants | 257,478 | 58,789 | 98,169 | 22,993,703 | 447,522 | 150,940 | 414,152 |
| 2. Current Service Liability (Present Members) | \$389,028 | \$139,986 | \$106,858 | \$38,025,164 | \$629,894 | \$200,959 | \$419,707 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 320,519 | 55,715 | 120,024 | 24,156,735 | 631,659 | 152,354 | 611,081 |
| 4. Actuarial value of assets | \$68,509 | \$84,271 | (\$13,166) | \$13,868,429 | (\$1,765) | \$48,605 | (\$191,374) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 82.4% | 39.8% | 112.3% | 63.5% | 100.3% | 75.8% | 145.6% |
| 6. Funded Ratio: (4) / (3) | \$677,716 | \$161,118 | \$298,102 | \$6,993,912 | \$324,170 | \$284,245 | \$402,854 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 1.98% | 3.23% | 1.69% | 14.23% | 5.71% | 1.77% | 3.47% |
| Prior Service | 0.68% | 3.54% | -0.30% | 12.11% | -0.03% | 1.16% | -3.21% |
| Total Retirement | 2.66% | 6.77% | 1.39% | 26.34% | 5.68% | 2.93% | 0.26% |
| Supplemental Death | 0.29% | 0.22% | 0.14% | 0.00% | 0.27% | 0.15% | 0.16% |
| Total Rate | 2.95% | 6.99% | 1.53% | 26.34% | 5.95% | 3.08% | 0.42% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | 20.83% | 4.18% | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | 7.50% | N/A | 9.50% | 7.50% | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 24 years | 29 years | 29 years | 24 years | 24 years |
| Number of annuitants | 2 | 1 | 4 | 96 | 5 | 1 | 7 |
| Number of active contributing members | 26 | 6 | 9 | 148 | 10 | 9 | 14 |
| Number of inactive members | 22 | 0 | 15 | 60 | 3 | 10 | 16 |
| Average age of contributing members | 39.3 years | 47.3 years | 41.0 years | 44.3 years | 44.7 years | 43.9 years | 38.7 years |
| Average length of service of contributing members | 6.8 years | 6.7 years | 3.4 years | 13.2 years | 7.0 years | 6.2 years | 5.0 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Ovilla | Oyster Creek | Paducah | Palacios | Palestine | Palmer | Palmhurst |
|---|------------|--------------|------------|-------------|--------------|------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$55,869 | \$116,976 | \$28,309 | \$379,382 | \$5,486,826 | \$79,013 | \$966 |
| b. Annuitants | 41,920 | 76,221 | 118,366 | 340,889 | 4,786,436 | 114,629 | 0 |
| 2. Current Service Liability (Present Members) | 746,897 | 695,794 | 681,201 | 1,238,599 | 13,833,364 | 282,760 | 83,995 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$844,686 | \$888,991 | \$827,876 | \$1,958,870 | \$24,106,626 | \$476,402 | \$84,961 |
| 4. Actuarial value of assets | 722,820 | 801,319 | 704,166 | 1,299,339 | 13,418,753 | 459,198 | 87,872 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$121,866 | \$87,672 | \$123,710 | \$659,531 | \$10,687,873 | \$17,204 | \$(2,911) |
| 6. Funded Ratio: (4) / (3) | 85.6% | 90.1% | 85.1% | 66.3% | 55.7% | 96.4% | 103.4% |
| 7. Annual Payroll | \$854,190 | \$554,059 | \$286,665 | \$1,220,172 | \$7,116,470 | \$707,314 | \$421,327 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 4.31% | 6.44% | 6.01% | 5.81% | 8.88% | 5.45% | 1.82% |
| Prior Service | 0.96% | 1.07% | 2.64% | 3.30% | 9.17% | 0.15% | -0.05% |
| Total Retirement | 5.27% | 7.51% | 8.65% | 9.11% | 18.05% | 5.60% | 1.77% |
| Supplemental Death | | 0.16% | 0.32% | 0.21% | 0.29% | 0.00% | 0.14% |
| Total Rate | 5.43% | 7.67% | 8.97% | 9.32% | 18.34% | 5.60% | 1.91% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 8.10% | 7.30% | 14.11% | 5.01% | N/A |
| Statutory/Maximum Rate (Total Retirement Only) | 11.50% | 13.50% | 9.50% | 11.50% | N/A | 11.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 29 years | 29 years | 29 years | 24 years |
| Number of annuitants | 6 | 10 | 9 | 10 | 103 | 4 | 0 |
| Number of active contributing members | 24 | 16 | 13 | 34 | 173 | 20 | 13 |
| Number of inactive members | 25 | 10 | 5 | 42 | 70 | 18 | 10 |
| Average age of contributing members | 40.6 years | 41.1 years | 47.1 years | 43.9 years | 42.4 years | 39.8 years | 37.2 years |
| Average length of service of contributing members | 9.3 years | 5.2 years | 6.1 years | 7.0 years | 10.4 years | 3.3 years | 2.2 years |

| | Pampa | Panhandle | Panorama Village | Pantego | Paris | Parker | Pasadena |
|---|--------------|-------------|------------------|-------------|--------------|-------------|---------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$1,803,977 | \$169,264 | \$41,689 | \$1,559,787 | \$1,604,898 | \$295,455 | \$24,306,943 |
| b. Annuitants | 6,614,417 | 189,006 | 34,431 | 2,298,781 | 3,837,278 | 454,963 | 36,528,096 |
| 2. Current Service Liability (Present Members) | 8,926,882 | 855,514 | 984,487 | 4,498,860 | 24,896,705 | 651,895 | 142,161,770 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$17,345,276 | \$1,213,784 | \$1,060,607 | \$8,357,428 | \$30,338,881 | \$1,402,313 | \$202,996,809 |
| 4. Actuarial value of assets | 7,285,575 | 881,858 | 979,212 | 4,730,472 | 24,480,444 | 901,272 | 141,622,930 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$10,059,701 | \$331,926 | \$81,395 | \$3,626,956 | \$5,858,437 | \$501,041 | \$61,373,879 |
| 6. Funded Ratio: (4) / (3) | 42.0% | 72.7% | 92.3% | 56.6% | 80.7% | 64.3% | 69.8% |
| 7. Annual Payroll | \$5,554,397 | \$620,532 | \$473,523 | \$2,130,970 | \$10,784,615 | \$916,218 | \$50,092,474 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 6.98% | 3.70% | 5.18% | 9.23% | 7.39% | 6.32% | 11.92% |
| Prior Service | 11.06% | 3.27% | 1.17% | 10.39% | 3.68% | 3.70% | 7.49% |
| Total Retirement | 18.04% | 6.97% | 6.35% | 19.62% | 11.07% | 10.02% | 19.41% |
| Supplemental Death | 0.28% | 0.00% | 0.36% | 0.16% | 0.25% | 0.13% | 0.24% |
| Total Rate | 18.32% | 6.97% | 6.71% | 19.78% | 11.32% | 10.15% | 19.65% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 14.35% | 5.17% | N/A | 15.36% | N/A | N/A | 16.93% |
| Statutory/Maximum Rate (Total Retirement Only) | N/A | 7.50% | 9.50% | N/A | N/A | 13.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 29 years | 24 years | 24 years | 29 years |
| Number of annuitants | 124 | 5 | 3 | 22 | 147 | 3 | 558 |
| Number of active contributing members | 149 | 18 | 11 | 41 | 271 | 18 | 991 |
| Number of inactive members | 95 | 8 | 3 | 77 | 93 | 11 | 226 |
| Average age of contributing members | 39.8 years | 40.4 years | 54.3 years | 37.3 years | 43.3 years | 40.3 years | 43.0 years |
| Average length of service of contributing members | 7.9 years | 9.7 years | 17.5 years | 6.9 years | 11.2 years | 7.5 years | 11.5 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Pearland | Pearsall | Pecos City | Perryton | Pflugerville | Pharr | Pilot Point | | | | | |
|---|---|--|---|---|--|---|--|--|---|---|---|---|
| SUMMARY OF ACTUARIAL INFORMATION 1. Prior Service Liability a. Present Members b. Annuitants 2. Current Service Liability (Present Members) 3. Total Actuarial Accrued Liability: (1) + (2) 4. Actuarial value of assets 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) 6. Funded Ratio: (4) / (3) 7. Annual Payroll | \$13,772,320 3,723,527 34,753,129 \$52,248,976 35,087,719 \$17,161,257 67.2% \$25,135,418 | \$616,705 479,193 2,019,441 \$3,115,339 2,567,423 \$547,916 82.4% \$1,553,127 | \$443,261 605,601 3,590,743 \$4,639,605 3,968,412 \$671,193 85.5% \$3,892,356 | \$1,155,470 2,138,745 6,095,215 \$9,389,430 6,286,820 \$3,102,610 67.0% \$2,307,849 | \$6,395,454 656,511 12,384,715 \$19,436,680 12,549,436 \$6,887,244 64.6% \$10,814,036 | \$6,035,415 5,758,533 23,340,952 \$35,134,900 26,472,033 \$8,662,867 75.3% \$16,450,849 | \$444,177 196,141 977,261 \$1,617,579 1,253,069 \$364,510 77.5% \$1,238,571 | | | | | |
| | CITY CONTRIBUTION RATES FOR 2010 Retirement Normal Cost Prior Service Total Retirement Supplemental Death Total Rate Phase-In Rate (Minimum Contribution), Incl. Supplemental Death Statutory Maximum Rate (Total Retirement Only) | 9.40% 4.17% 6.47% 0.16% 13.73% 11.62% 13.50% | 4.32% 2.15% 6.47% 0.33% 6.80% 4.75% 7.50% | 5.73% 1.17% 6.90% 0.28% 7.18% N/A 11.50% | 10.76% 8.21% 18.97% 0.25% 19.22% 16.06% N/A | 8.76% 3.88% 12.64% 0.14% 12.78% 11.56% 13.50% | 7.21% 3.21% 10.42% 0.16% 10.58% N/A N/A | 6.28% 1.80% 8.08% 0.15% 8.23% 7.18% 11.50% | | | | |
| | | ADDITIONAL INFORMATION Amortization period as of 1/2010 Number of annuitants Number of active contributing members Number of inactive members Average age of contributing members Average length of service of contributing members | 29 years 60 479 160 41.0 years 7.7 years | 29 years 14 60 38 43.1 years 8.2 years | 24 years 44 105 45 44.4 years 6.6 years | 29 years 26 66 74 40.5 years 8.4 years | 29 years 17 235 89 38.5 years 7.6 years | 29 years 102 469 154 39.2 years 8.1 years | 29 years 4 31 31 42.1 years 5.6 years | | | |
| | | | SUMMARY OF ACTUARIAL INFORMATION 1. Prior Service Liability a. Present Members b. Annuitants 2. Current Service Liability (Present Members) 3. Total Actuarial Accrued Liability: (1) + (2) 4. Actuarial value of assets 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) 6. Funded Ratio: (4) / (3) 7. Annual Payroll | \$389,656 726,614 1,122,749 \$2,239,019 1,196,022 \$1,042,997 53.4% \$834,944 | \$282,559 100,384 757,559 \$1,140,502 862,047 \$278,455 75.6% \$296,510 | \$41,212 24,557 118,139 \$183,908 188,218 (\$4,310) 102.3% \$220,831 | \$870,387 676,083 2,293,543 \$3,840,013 2,372,968 \$1,467,045 61.8% \$1,096,565 | \$192,172 13,182 67,009 \$902,363 804,786 \$97,577 89.2% \$250,375 | \$3,604,293 3,077,690 14,739,453 \$21,421,436 14,721,858 \$6,699,578 68.7% \$5,252,377 | \$101,908,370 48,909,219 327,309,189 \$478,126,778 330,874,531 \$147,252,247 69.2% \$125,137,265 | | |
| | | | | CITY CONTRIBUTION RATES FOR 2010 Retirement Normal Cost Prior Service Total Retirement Supplemental Death Total Rate Phase-In Rate (Minimum Contribution), Incl. Supplemental Death Statutory Maximum Rate (Total Retirement Only) | 9.52% 7.62% 17.14% 0.21% 17.35% 14.56% 13.50% | 9.91% 5.74% 15.65% 0.29% 15.94% 11.31% N/A | 4.35% -0.13% 4.22% 0.50% 4.72% N/A N/A | 9.22% 8.17% 17.39% 0.23% 17.62% 15.00% N/A | 9.73% 2.64% 12.37% 0.20% 12.57% N/A N/A | 10.70% 7.78% 18.48% 0.00% 18.48% 14.52% 13.50% | 12.98% 7.18% 20.16% 0.00% 20.16% 15.72% N/A | |
| | | | | | ADDITIONAL INFORMATION Amortization period as of 1/2010 Number of annuitants Number of active contributing members Number of inactive members Average age of contributing members Average length of service of contributing members | 29 years 17 20 9 41.2 years 8.4 years | 29 years 5 9 3 49.2 years 17.4 years | 24 years 2 5 6 51.6 years 4.8 years | 29 years 21 33 18 41.9 years 7.8 years | 24 years 2 7 3 45.7 years 15.9 years | 29 years 70 146 48 44.6 years 10.2 years | 29 years 511 2,205 662 43.1 years 11.2 years |
| | | | | | | SUMMARY OF ACTUARIAL INFORMATION 1. Prior Service Liability a. Present Members b. Annuitants 2. Current Service Liability (Present Members) 3. Total Actuarial Accrued Liability: (1) + (2) 4. Actuarial value of assets 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) 6. Funded Ratio: (4) / (3) 7. Annual Payroll | \$389,656 726,614 1,122,749 \$2,239,019 1,196,022 \$1,042,997 53.4% \$834,944 | \$282,559 100,384 757,559 \$1,140,502 862,047 \$278,455 75.6% \$296,510 | \$41,212 24,557 118,139 \$183,908 188,218 (\$4,310) 102.3% \$220,831 | \$870,387 676,083 2,293,543 \$3,840,013 2,372,968 \$1,467,045 61.8% \$1,096,565 | \$192,172 13,182 67,009 \$902,363 804,786 \$97,577 89.2% \$250,375 | \$3,604,293 3,077,690 14,739,453 \$21,421,436 14,721,858 \$6,699,578 68.7% \$5,252,377 |
| CITY CONTRIBUTION RATES FOR 2010 Retirement Normal Cost Prior Service Total Retirement Supplemental Death Total Rate Phase-In Rate (Minimum Contribution), Incl. Supplemental Death Statutory Maximum Rate (Total Retirement Only) | | | | | | | 9.52% 7.62% 17.14% 0.21% 17.35% 14.56% 13.50% | 9.91% 5.74% 15.65% 0.29% 15.94% 11.31% N/A | 4.35% -0.13% 4.22% 0.50% 4.72% N/A N/A | 9.22% 8.17% 17.39% 0.23% 17.62% 15.00% N/A | 9.73% 2.64% 12.37% 0.20% 12.57% N/A N/A | 10.70% 7.78% 18.48% 0.00% 18.48% 14.52% 13.50% |
| | ADDITIONAL INFORMATION Amortization period as of 1/2010 Number of annuitants Number of active contributing members Number of inactive members Average age of contributing members Average length of service of contributing members | | | | | | 29 years 17 20 9 41.2 years 8.4 years | 29 years 5 9 3 49.2 years 17.4 years | 24 years 2 5 6 51.6 years 4.8 years | 29 years 21 33 18 41.9 years 7.8 years | 24 years 2 7 3 45.7 years 15.9 years | 29 years 70 146 48 44.6 years 10.2 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Pleasanton | Point | Ponder | Port Aransas | Port Arthur | Port Arthur Pleasure Island | Port Isabel |
|---|------------|------------|------------|--------------|--------------|--------------------------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | \$0 | \$36,889 | \$1,556,640 | \$13,656,657 | \$33,020 | \$392,638 |
| a. Present Members | | 70,321 | 0 | 711,680 | 22,393,742 | 0 | 513,373 |
| b. Annuitants | | 60,373 | 226,644 | 3,313,666 | 58,346,213 | 620,340 | 1,638,080 |
| 2. Current Service Liability (Present Members) | | \$130,694 | \$263,533 | \$5,581,986 | \$94,396,612 | \$653,360 | \$2,544,091 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | | 139,423 | 224,726 | 3,435,515 | 56,101,664 | 629,612 | 2,342,261 |
| 4. Actuarial value of assets | | (\$8,729) | \$38,807 | \$2,146,471 | \$38,294,948 | \$23,748 | \$201,830 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | | 106.7% | 85.3% | 61.5% | 59.4% | 96.4% | 92.1% |
| 6. Funded Ratio: (4) / (3) | | \$153,611 | \$317,801 | \$3,637,540 | \$25,708,137 | \$289,521 | \$1,799,114 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.97% | 1.91% | 5.21% | 6.21% | 9.12% | 7.84% | 4.27% |
| Prior Service | 2.30% | -0.39% | 0.83% | 3.60% | 0.90% | 0.55% | 0.68% |
| Total Retirement | 8.27% | 1.52% | 6.04% | 9.81% | 18.21% | 8.39% | 4.95% |
| Supplemental Death | 0.16% | 0.00% | 0.24% | 0.25% | 0.26% | 0.54% | 0.21% |
| Total Rate | 8.43% | 1.52% | 6.28% | 10.06% | 18.47% | 8.93% | 5.16% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 6.30% | N/A | N/A | 8.07% | 14.70% | N/A | 4.22% |
| Statutory Maximum Rate (Total Retirement Only) | 9.50% | 7.50% | N/A | 11.50% | N/A | 9.50% | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 24 years | 29 years | 29 years | 24 years | 29 years |
| Number of annuitants | 14 | 1 | 1 | 21 | 361 | 3 | 12 |
| Number of active contributing members | 90 | 5 | 9 | 103 | 529 | 7 | 72 |
| Number of inactive members | 25 | 10 | 5 | 48 | 119 | 4 | 60 |
| Average age of contributing members | 41.7 years | 45.5 years | 43.0 years | 43.5 years | 44.6 years | 56.0 years | 39.0 years |
| Average length of service of contributing members | 8.1 years | 4.2 years | 4.7 years | 7.3 years | 12.3 years | 14.0 years | 6.5 years |

| | Port Lavaca | Port Neches | Portland | Post | Portree | Porto | Pottsboro |
|---|-------------|--------------|--------------|------------|-------------|------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | \$5,965,500 | \$3,437,649 | \$182,111 | \$95,941 | \$8,253 | \$0 |
| a. Present Members | | 5,443,050 | 2,137,530 | 251,680 | 14,407 | 100,554 | 93,763 |
| b. Annuitants | | 18,249,177 | 5,029,869 | \$22,897 | 618,308 | 123,563 | 224,308 |
| 2. Current Service Liability (Present Members) | | \$29,657,727 | \$10,605,048 | \$956,688 | \$728,656 | \$232,370 | \$318,071 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | | 17,868,246 | 6,386,094 | \$563,915 | 835,933 | 149,603 | 360,283 |
| 4. Actuarial value of assets | | \$11,789,481 | \$4,218,954 | \$392,773 | (\$107,277) | \$82,767 | (\$42,212) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | | 72.8% | 60.2% | 58.9% | 114.7% | 64.4% | 113.3% |
| 6. Funded Ratio: (4) / (3) | | \$3,071,235 | \$5,182,310 | \$474,102 | \$515,007 | \$261,388 | \$612,577 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 4.61% | 15.02% | 7.97% | 5.60% | 3.85% | 3.06% | 1.64% |
| Prior Service | 3.12% | 13.90% | 5.99% | 5.60% | -1.41% | 1.93% | -0.46% |
| Total Retirement | 7.73% | 28.92% | 13.96% | 11.20% | 2.44% | 4.99% | 1.18% |
| Supplemental Death | 0.24% | 0.00% | 0.21% | 0.49% | 0.18% | 0.23% | 0.15% |
| Total Rate | 7.97% | 28.92% | 14.17% | 11.69% | 2.62% | 5.22% | 1.33% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 6.32% | 21.98% | 11.91% | N/A | N/A | 4.95% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 9.50% | N/A | 12.50% | N/A | 9.50% | 9.50% | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 24 years | 24 years | 29 years | 24 years |
| Number of annuitants | 36 | 51 | 36 | 11 | 3 | 4 | 4 |
| Number of active contributing members | 85 | 93 | 111 | 14 | 20 | 9 | 18 |
| Number of inactive members | 59 | 15 | 61 | 7 | 18 | 2 | 19 |
| Average age of contributing members | 41.7 years | 43.1 years | 42.1 years | 47.0 years | 40.0 years | 40.0 years | 40.2 years |
| Average length of service of contributing members | 7.6 years | 15.8 years | 8.7 years | 10.8 years | 7.5 years | 4.9 years | 4.2 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Premont | Presidio | Primera | Princeton | Prosper | Quannah | Queen City |
|---|------------|------------|------------|-------------|-------------|-------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$92,624 | \$72,999 | \$37,456 | \$281,630 | \$724,592 | \$314,853 | \$71,503 |
| a. Present Members | 75,396 | 72,979 | 0 | 519,957 | 18,147 | 223,778 | 49,435 |
| b. Annuitants | 397,334 | 327,292 | 204,469 | 827,717 | 1,786,613 | 1,140,081 | 192,737 |
| 2. Current Service Liability (Present Members) | \$565,354 | \$473,270 | \$241,925 | \$1,629,304 | \$2,529,352 | \$1,678,712 | \$313,675 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$42,076 | \$425,826 | \$257,205 | \$1,318,766 | \$1,624,228 | \$1,231,821 | \$259,118 |
| 4. Actuarial value of assets | \$23,278 | \$47,444 | (\$15,280) | \$310,538 | \$905,124 | \$446,891 | \$54,557 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 95.9% | 90.0% | 106.3% | 80.9% | 64.2% | 73.4% | 82.6% |
| 6. Funded Ratio: (4) / (3) | \$466,232 | \$863,813 | \$343,269 | \$1,394,327 | \$3,321,607 | \$514,448 | \$311,560 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.92% | 2.35% | 2.91% | 7.52% | 7.38% | 8.50% | 2.88% |
| Prior Service | 0.34% | 0.37% | -0.30% | 1.36% | 1.85% | 5.30% | 1.18% |
| Total Retirement | 3.26% | 2.72% | 2.61% | 8.88% | 9.23% | 13.80% | 4.06% |
| Supplemental Death | 0.50% | 0.23% | 0.25% | 0.18% | 0.00% | 0.61% | 0.19% |
| Total Rate | 3.76% | 2.95% | 2.86% | 9.06% | 9.23% | 14.41% | 4.25% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | 8.37% | N/A | 11.09% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | N/A | 7.50% | 13.50% | 13.50% | 9.50% | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 24 years | 29 years | 24 years | 29 years | 24 years |
| Number of annuitants | 7 | 4 | 0 | 7 | 5 | 8 | 1 |
| Number of active contributing members | 18 | 29 | 13 | 31 | 60 | 18 | 10 |
| Number of inactive members | 9 | 18 | 10 | 20 | 21 | 9 | 15 |
| Average age of contributing members | 50.6 years | 42.7 years | 49.3 years | 39.3 years | 38.1 years | 49.6 years | 42.4 years |
| Average length of service of contributing members | 8.2 years | 5.6 years | 9.5 years | 4.5 years | 5.0 years | 13.2 years | 6.3 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$12,302 | \$9,927 | \$34,916 | \$205,799 | \$72,538 | \$279,755 | \$259,399 |
| a. Present Members | 49,639 | 0 | 0 | 332,167 | 332,418 | 1,625 | 77,381 |
| b. Annuitants | 94,856 | 5,892 | 53,372 | 1,250,114 | 396,070 | 881,597 | 555,453 |
| 2. Current Service Liability (Present Members) | \$156,797 | \$15,819 | \$88,288 | \$1,788,080 | \$705,026 | \$1,162,977 | \$892,233 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 142,475 | 9,849 | 66,375 | 1,285,711 | 442,061 | 1,043,775 | 717,928 |
| 4. Actuarial value of assets | \$14,322 | \$5,970 | \$21,913 | \$502,369 | \$262,965 | \$119,202 | \$174,305 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 90.9% | 62.3% | 75.2% | 71.9% | 62.7% | 89.8% | 80.5% |
| 6. Funded Ratio: (4) / (3) | \$297,995 | \$30,282 | \$70,429 | \$792,461 | \$318,695 | \$385,782 | \$579,892 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 2.30% | 5.00% | 5.32% | 7.34% | 4.66% | 8.11% | 6.77% |
| Prior Service | 0.29% | 2.15% | 2.10% | 3.88% | 5.04% | 1.89% | 1.84% |
| Total Retirement | 2.59% | 7.15% | 7.42% | 11.22% | 9.70% | 10.00% | 8.61% |
| Supplemental Death | 0.10% | 0.10% | 0.29% | 0.21% | 0.33% | 0.11% | 0.00% |
| Total Rate | 2.69% | 7.25% | 7.71% | 11.43% | 10.03% | 10.11% | 8.61% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 2.17% | N/A | N/A | 9.39% | 7.55% | 9.42% | 6.81% |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | N/A | N/A | 11.50% | 9.50% | 11.50% | 12.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 15 years | 24 years | 29 years | 29 years | 29 years | 29 years |
| Number of annuitants | 2 | 0 | 0 | 12 | 8 | 1 | 5 |
| Number of active contributing members | 10 | 1 | 3 | 24 | 11 | 9 | 23 |
| Number of inactive members | 14 | 1 | 0 | 6 | 11 | 9 | 45 |
| Average age of contributing members | 32.9 years | 44.1 years | 54.8 years | 42.0 years | 41.0 years | 34.6 years | 40.9 years |
| Average length of service of contributing members | 2.1 years | 1.2 years | 15.4 years | 7.4 years | 5.4 years | 9.9 years | 3.8 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Rankin | Ransom Canyon | Raymondville | Red Oak | Redwater | Refugio | Reklaw |
|---|------------|---------------|--------------|-------------|------------|-------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$40,247 | \$286,315 | \$137,926 | \$347,952 | \$20,672 | \$0 | \$131,623 |
| b. Annuitants | 42,777 | 129,607 | 570,327 | 163,112 | 0 | 276,927 | 70,986 |
| 2. Current Service Liability (Present Members) | 207,662 | 141,084 | 4,242,512 | 1,655,636 | 37,869 | 602,160 | 331,327 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$290,686 | \$557,006 | \$4,950,765 | \$2,166,700 | \$88,541 | \$879,087 | \$533,936 |
| 4. Actuarial value of assets | \$14,877 | 228,281 | 4,691,462 | 1,828,122 | 37,911 | (\$119,569) | 357,066 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 94.9% | \$328,725 | \$259,303 | \$338,578 | \$20,630 | \$119,569 | \$176,870 |
| 6. Funded Ratio: (4) / (3) | 5.83% | 41.0% | 94.8% | 84.4% | 64.8% | 113.6% | 66.9% |
| 7. Annual Payroll | \$118,788 | \$382,900 | \$1,728,115 | \$3,281,351 | \$180,817 | \$764,369 | \$165,962 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 4.67% | 5.24% | 7.27% | 3.55% | 2.63% | 2.04% | 10.81% |
| Prior Service | 0.85% | 5.25% | 1.01% | 0.70% | 0.77% | -1.06% | 6.51% |
| Total Retirement | 5.52% | 10.49% | 8.28% | 4.25% | 3.40% | 0.98% | 17.32% |
| Supplemental Death | 0.31% | 0.16% | 0.30% | 0.12% | 0.10% | 0.00% | 0.37% |
| Total Rate | 5.83% | 10.65% | 8.58% | 4.37% | 3.50% | 0.98% | 17.69% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 9.22% | N/A | N/A | N/A | N/A | 15.16% |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | N/A | 15.50% | 12.50% | N/A | 7.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 24 years | 24 years | 24 years | 24 years | 29 years |
| Number of annuitants | 2 | 1 | 30 | 5 | 0 | 18 | 3 |
| Number of active contributing members | 3 | 10 | 68 | 77 | 6 | 28 | 5 |
| Number of inactive members | 0 | 3 | 16 | 52 | 2 | 3 | 5 |
| Average age of contributing members | 49.5 years | 42.3 years | 43.1 years | 37.4 years | 37.5 years | 39.8 years | 49.9 years |
| Average length of service of contributing members | 18.4 years | 9.1 years | 9.7 years | 5.9 years | 4.4 years | 7.2 years | 11.5 years |

| | Reno (Lamar County) | Reno (Parker County) | Rhomb | Rice | Richardson | Richard Hills | Richland Springs |
|---|---------------------|----------------------|------------|------------|---------------|---------------|------------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$23,704 | \$1,706 | \$4,161 | \$19,384 | \$48,995,297 | \$2,633,068 | \$17,894 |
| b. Annuitants | 0 | 0 | 40,710 | 0 | 53,444,390 | 1,947,424 | 0 |
| 2. Current Service Liability (Present Members) | 253,696 | 50,331 | 347,189 | 71,655 | 174,100,395 | 10,760,601 | 158,206 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$277,400 | \$52,037 | \$392,060 | \$91,039 | \$276,540,082 | \$15,341,093 | \$176,100 |
| 4. Actuarial value of assets | 373,388 | 60,069 | 354,858 | 105,552 | 176,026,211 | 10,454,174 | 181,776 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | (95,988) | (88,032) | \$37,202 | (\$14,513) | \$100,513,871 | \$4,886,919 | (\$5,676) |
| 6. Funded Ratio: (4) / (3) | 134.6% | 115.4% | 90.5% | 115.9% | 63.7% | 68.1% | 103.2% |
| 7. Annual Payroll | \$302,820 | \$277,390 | \$402,352 | \$143,174 | \$58,633,974 | \$3,550,541 | \$41,458 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 4.91% | 2.99% | 3.30% | 1.89% | 13.05% | 10.97% | 8.71% |
| Prior Service | -2.14% | -0.20% | 0.62% | -0.68% | 10.47% | 8.40% | -0.92% |
| Total Retirement | 2.77% | 2.79% | 3.92% | 1.21% | 23.52% | 19.37% | 7.79% |
| Supplemental Death | 0.11% | 0.15% | 0.20% | 0.14% | 0.00% | 0.27% | 1.03% |
| Total Rate | 2.88% | 2.94% | 4.12% | 1.35% | 23.52% | 19.64% | 8.82% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | N/A | N/A | 18.37% | 16.43% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 11.50% | N/A | 11.50% | 7.50% | N/A | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 24 years | 24 years | 29 years | 29 years | 24 years |
| Number of annuitants | 0 | 0 | 2 | 0 | 429 | 51 | 0 |
| Number of active contributing members | 8 | 9 | 10 | 5 | 76 | 982 | 0 |
| Number of inactive members | 4 | 13 | 23 | 9 | 326 | 90 | 0 |
| Average age of contributing members | 41.6 years | 42.9 years | 41.6 years | 44.0 years | 42.7 years | 45.1 years | 66.1 years |
| Average length of service of contributing members | 8.0 years | 1.6 years | 11.0 years | 2.9 years | 12.3 years | 11.5 years | 25.9 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Richmond | Richwood | Riesel | Rio Grande City | Rio Vista | Rising Star | River Oaks |
|---|--------------|-------------|-------------|-----------------|-------------|-------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$2,979,810 | \$485,136 | \$58,432 | \$1,275,210 | \$96,710 | \$16,411 | \$1,002,270 |
| a. Present Members | 1,982,757 | 255,243 | 55,898 | 67,148 | 126,217 | 0 | 1,373,913 |
| b. Annuitants | 13,761,755 | 24,562 | \$138,892 | \$2,713,824 | \$429,585 | \$55,561 | \$6,603,652 |
| 2. Current Service Liability (Present Members) | \$18,724,322 | \$1,683,022 | \$1,388,892 | \$2,713,824 | \$429,585 | \$55,561 | \$6,603,652 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 13,547,806 | 1,133,357 | \$132,148 | \$1,183,862 | \$198,145 | (\$47,445) | \$2,402,996 |
| 4. Actuarial value of assets | \$5,176,516 | 67.3% | 4.9% | 56.4% | 53.9% | 185.4% | 63.6% |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 72.4% | \$728,840 | \$194,587 | \$3,400,893 | \$383,266 | \$165,795 | \$2,077,298 |
| 6. Funded Ratio: (4) / (3) | | | | | | | |
| 7. Annual Payroll | \$5,885,710 | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 10.67% | 7.49% | 3.58% | 5.74% | 3.96% | 2.59% | 9.94% |
| Prior Service | 5.37% | 4.61% | 4.59% | 2.12% | 3.50% | -1.93% | 7.06% |
| Total Retirement | 16.04% | 12.10% | 8.17% | 7.86% | 7.46% | 0.66% | 17.00% |
| Supplemental Death | 0.19% | 0.25% | 0.13% | 0.13% | 0.33% | 0.25% | 0.30% |
| Total Rate | 16.23% | 12.35% | 8.30% | 7.99% | 7.79% | 0.91% | 17.30% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 13.36% | 10.02% | N/A | 7.36% | N/A | N/A | 14.67% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | 11.50% | N/A | N/A | N/A | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 29 years | 24 years | 24 years | 29 years |
| Number of annuitants | 21 | 5 | 1 | 3 | 2 | 0 | 37 |
| Number of active contributing members | 136 | 19 | 6 | 107 | 11 | 7 | 61 |
| Number of inactive members | 76 | 14 | 1 | 64 | 10 | 5 | 33 |
| Average age of contributing members | 41.0 years | 44.8 years | 39.9 years | 37.4 years | 43.6 years | 42.9 years | 40.7 years |
| Average length of service of contributing members | 10.0 years | 8.7 years | 7.0 years | 5.1 years | 7.6 years | 3.9 years | 7.6 years |
| | | | | | | | |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$2,398,819 | \$10,656 | \$1,133,194 | \$1,087,449 | \$1,750,987 | \$0 | \$511,895 |
| a. Present Members | 478,284 | 62,104 | 150,621 | 900,713 | 1,724,198 | 67,021 | 569,856 |
| b. Annuitants | 5,679,075 | 34,542 | 2,443,947 | 5,552,121 | 4,031,953 | 107,258 | 1,180,047 |
| 2. Current Service Liability (Present Members) | \$8,556,178 | \$107,302 | \$3,727,762 | \$7,340,283 | \$7,507,138 | \$174,279 | \$2,226,179 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 6,057,558 | 43,983 | 2,705,254 | 5,627,143 | 4,216,951 | 136,303 | 1,331,609 |
| 4. Actuarial value of assets | \$2,498,620 | \$63,319 | \$1,022,508 | \$1,713,140 | \$3,290,187 | \$37,976 | \$930,189 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 70.8% | 41.0% | 72.6% | 76.7% | 56.2% | 78.2% | 58.9% |
| 6. Funded Ratio: (4) / (3) | | | | | | | |
| 7. Annual Payroll | \$5,721,973 | \$108,469 | \$1,760,810 | \$3,173,741 | \$1,890,706 | \$96,145 | \$1,395,666 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 8.48% | 2.51% | 8.62% | 5.50% | 8.83% | 4.58% | 6.53% |
| Prior Service | 2.67% | 3.95% | 3.54% | 3.30% | 10.63% | 2.67% | 4.07% |
| Total Retirement | 11.15% | 6.46% | 12.16% | 8.80% | 19.46% | 7.25% | 10.60% |
| Supplemental Death | 0.00% | 0.13% | 0.18% | 0.19% | 0.24% | 0.36% | 0.26% |
| Total Rate | 11.15% | 6.59% | 12.34% | 8.99% | 19.70% | 7.61% | 10.86% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 10.85% | N/A | 12.07% | 6.98% | 15.21% | N/A | 9.65% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | N/A | 13.50% | 9.50% | N/A | N/A | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 29 years | 24 years | 29 years |
| Number of annuitants | 13 | 2 | 8 | 30 | 31 | 3 | 16 |
| Number of active contributing members | 106 | 5 | 57 | 84 | 48 | 4 | 44 |
| Number of inactive members | 52 | 0 | 24 | 49 | 26 | 3 | 27 |
| Average age of contributing members | 39.0 years | 33.1 years | 40.4 years | 39.5 years | 39.9 years | 33.1 years | 44.1 years |
| Average length of service of contributing members | 7.1 years | 5.3 years | 8.6 years | 8.8 years | 11.4 years | 3.3 years | 7.1 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Rockport | Rocksprings | Rockwall | Rogers | Rollingwood | Roma | Roscoe |
|---|--------------|-------------|--------------|------------|-------------|-------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$2,399,661 | \$74,335 | \$10,304,829 | \$73,612 | \$71,713 | \$2,104,120 | \$54,393 |
| b. Annuitants | 1,368,084 | 17,701 | 4,755,229 | 69,933 | 92,365 | 549,036 | 0 |
| 2. Current Service Liability (Present Members) | 9,158,679 | 201,943 | 20,629,632 | 245,485 | 575,127 | 3,072,382 | 158,419 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$12,926,424 | \$293,979 | \$35,689,690 | \$389,030 | \$739,205 | \$5,725,538 | \$212,812 |
| 4. Actuarial value of assets | 8,752,103 | 253,830 | 22,226,747 | 324,722 | 690,145 | 3,765,818 | 192,302 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$4,174,321 | \$40,149 | \$13,462,943 | \$64,308 | \$49,060 | \$1,959,720 | \$20,510 |
| 6. Funded Ratio: (4) / (3) | 67.7% | 86.3% | 62.3% | 83.5% | 93.4% | 65.8% | 90.4% |
| 7. Annual Payroll | \$3,861,196 | \$188,935 | \$13,582,924 | \$272,042 | \$570,713 | \$2,956,682 | \$225,891 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 10.64% | 3.44% | 10.84% | 3.98% | 5.51% | 7.94% | 3.45% |
| Prior Service | 6.60% | 1.44% | 6.05% | 1.44% | 0.59% | 4.04% | 0.62% |
| Total Retirement | 17.24% | 4.88% | 16.89% | 5.42% | 6.10% | 11.98% | 4.07% |
| Supplemental Death | 0.28% | 0.00% | 0.14% | 0.00% | 0.19% | 0.22% | 0.27% |
| Total Rate | 17.52% | 4.88% | 17.03% | 5.42% | 6.29% | 12.20% | 4.34% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 14.49% | N/A | 14.16% | 5.07% | N/A | 10.67% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 15.50% | N/A | 13.50% | N/A | 12.50% | 11.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 24 years | 29 years | 24 years |
| Number of annuitants | 33 | 1 | 43 | 3 | 4 | 18 | 0 |
| Number of active contributing members | 106 | 7 | 236 | 9 | 14 | 113 | 7 |
| Number of inactive members | 36 | 2 | 63 | 12 | 12 | 38 | 4 |
| Average age of contributing members | 45.4 years | 40.9 years | 40.2 years | 47.0 years | 44.1 years | 43.2 years | 50.0 years |
| Average length of service of contributing members | 10.3 years | 10.4 years | 9.8 years | 9.1 years | 6.8 years | 9.0 years | 8.8 years |

| | Rosebud | Rosenberg | Rotan | Round Rock | Rowlett | Roy H. Laird Mem Hospital | Royse City |
|---|------------|--------------|------------|---------------|--------------|---------------------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$6,729 | \$6,057,741 | \$27,240 | \$28,969,329 | \$16,406,671 | \$933,163 | \$451,585 |
| b. Annuitants | 5,971 | 4,726,930 | 50,401 | 10,408,031 | 3,559,665 | 1,999,429 | 188,375 |
| 2. Current Service Liability (Present Members) | 68,552 | 19,266,939 | 147,626 | 61,891,789 | 41,245,019 | 5,655,112 | 1,323,304 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$81,252 | \$30,051,610 | \$225,267 | \$101,269,149 | \$61,211,355 | \$8,587,704 | \$1,963,264 |
| 4. Actuarial value of assets | 67,684 | 17,791,043 | 177,127 | 64,975,919 | 42,662,962 | 5,841,721 | 1,308,365 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$13,568 | \$12,260,567 | \$48,140 | \$36,293,230 | \$18,548,393 | \$2,745,983 | \$654,899 |
| 6. Funded Ratio: (4) / (3) | 83.3% | 59.2% | 78.6% | 64.2% | 69.7% | 68.0% | 66.6% |
| 7. Annual Payroll | \$277,245 | \$10,961,316 | \$191,381 | \$40,713,738 | \$19,796,538 | \$0 | \$1,725,686 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 1.92% | 8.72% | 2.92% | 10.83% | 11.28% | 0.00% | 6.68% |
| Prior Service | 0.33% | 6.83% | 1.70% | 5.44% | 5.72% | 0.00% | 2.56% |
| Total Retirement | 2.25% | 15.55% | 4.62% | 16.27% | 17.00% | 0.00% | 9.24% |
| Supplemental Death | 0.30% | 0.16% | 0.34% | 0.16% | 0.16% | 0.00% | 0.17% |
| Total Rate | 2.55% | 15.71% | 4.96% | 16.43% | 17.16% | 0.00% | 9.41% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 12.93% | N/A | 13.88% | 14.38% | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 12.50% | N/A | 13.50% | 13.50% | 11.50% | 13.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 24 years | 29 years | 29 years | 24 years | 24 years |
| Number of annuitants | 1 | 95 | 4 | 123 | 63 | 53 | 8 |
| Number of active contributing members | 13 | 229 | 6 | 784 | 350 | 0 | 40 |
| Number of inactive members | 11 | 121 | 3 | 222 | 165 | 60 | 48 |
| Average age of contributing members | 46.7 years | 38.7 years | 44.9 years | 40.2 years | 42.1 years | 39.4 years | 39.4 years |
| Average length of service of contributing members | 2.7 years | 9.0 years | 9.4 years | 8.8 years | 10.8 years | 10.8 years | 5.7 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Rule | Runway Bay | Runge | Risk | Sabinal | Sachse | Saginaw | | | | | | | | |
|---|---|--|---|---|--|---|---|--|--|--|---|--|--|--|--|
| SUMMARY OF ACTUARIAL INFORMATION 1. Prior Service Liability a. Present Members b. Annuitants 2. Current Service Liability (Present Members) 3. Total Actuarial Accrued Liability: (1) + (2) 4. Actuarial value of assets 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) 6. Funded Ratio: (4) / (3) 7. Annual Payroll | \$35,555 0 96,898 \$132,453 119,936 \$12,517 90.5% \$66,866 | \$0 0 247,618 \$247,618 323,861 (\$76,243) 130.8% \$538,116 | \$124,635 57,518 118,495 \$300,648 150,887 \$149,761 50.2% \$86,497 | \$400,375 212,499 1,047,279 \$1,660,153 1,301,995 \$358,158 78.4% \$1,194,917 | \$107,469 146,254 \$529,490 480,822 \$48,668 90.8% \$344,090 | \$2,578,843 1,117,471 6,585,650 \$10,281,964 6,911,943 \$3,370,021 67.2% \$5,800,630 | \$7,838,285 1,528,494 7,340,255 \$16,707,034 8,464,233 \$8,242,801 50.7% \$6,620,766 | | | | | | | | |
| | CITY CONTRIBUTION RATES FOR 2010 Retirement Normal Cost Prior Service Total Retirement Supplemental Death Total Rate Phase-In Rate (Minimum Contribution), Incl. Supplemental Death Statutory Maximum Rate (Total Retirement Only) | 7.49% 1.27% 8.76% 0.24% 9.00% N/A 11.50% | 2.28% -0.96% 1.32% 0.27% 1.59% N/A 7.50% | 9.33% 10.57% 19.90% 0.51% 20.41% 15.11% N/A | 5.82% 1.83% 7.65% 0.22% 7.87% 6.52% 10.50% | 4.22% 0.96% 5.18% 0.27% 5.45% N/A 9.50% | 7.79% 3.54% 11.33% 0.15% 11.48% 11.03% 13.50% | 10.49% 7.60% 18.09% 0.19% 18.28% 15.43% N/A | | | | | | | |
| | | ADDITIONAL INFORMATION Amortization period as of 1/2010 Number of annuitants Number of active contributing members Number of inactive members Average age of contributing members Average length of service of contributing members | 24 years 0 3 1 49.5 years 8.3 years | 24 years 2 15 15 46.4 years 4.4 years | 29 years 2 4 3 48.3 years 9.6 years | 29 years 9 35 10 41.5 years 7.0 years | 24 years 4 15 16 44.6 years 8.9 years | 29 years 20 116 65 41.2 years 8.4 years | 29 years 20 137 33 41.8 years 11.5 years | | | | | | |
| | | | SUMMARY OF ACTUARIAL INFORMATION 1. Prior Service Liability a. Present Members b. Annuitants 2. Current Service Liability (Present Members) 3. Total Actuarial Accrued Liability: (1) + (2) 4. Actuarial value of assets 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) 6. Funded Ratio: (4) / (3) 7. Annual Payroll | \$12,838 176,692 96,230 \$285,760 248,486 \$37,274 87.0% \$192,385 | \$10,383 9,060 91,819 \$111,262 75,668 \$35,594 68.0% \$239,711 | \$18,614,481 27,105,800 67,871,740 \$113,592,021 55,982,301 \$57,609,720 49.3% \$26,985,514 | \$141,101,986 188,661,088 495,417,003 \$825,180,077 492,603,803 \$332,576,274 59.7% \$253,796,958 | \$14,438,587 14,479,739 67,620,824 \$96,539,150 63,673,701 \$32,865,449 66.0% \$74,447,510 | \$384,633 819,430 1,300,923 \$2,504,986 1,706,128 \$798,858 68.1% \$931,933 | \$1,612,457 1,055,815 4,192,693 \$6,860,965 5,221,861 \$1,639,104 76.1% \$5,069,649 | | | | | |
| | | | | CITY CONTRIBUTION RATES FOR 2010 Retirement Normal Cost Prior Service Total Retirement Supplemental Death Total Rate Phase-In Rate (Minimum Contribution), Incl. Supplemental Death Statutory Maximum Rate (Total Retirement Only) | 3.89% 1.18% 5.07% 0.29% 5.36% 4.07% 10.50% | 5.55% 1.01% 6.56% 0.27% 6.83% N/A N/A | 11.97% 13.04% 25.01% 0.00% 25.01% 19.22% N/A | 9.54% 8.00% 17.54% 0.00% 17.54% 13.95% N/A | 2.92% 2.70% 5.62% 0.00% 5.62% 4.15% 5.50% | 8.08% 5.23% 13.31% 0.44% 13.75% 11.51% 13.50% | 4.30% 2.19% 6.49% 0.20% 6.69% N/A 11.50% | | | | |
| | | | | | ADDITIONAL INFORMATION Amortization period as of 1/2010 Number of annuitants Number of active contributing members Number of inactive members Average age of contributing members Average length of service of contributing members | 29 years 5 7 11 38.9 years 5.0 years | 24 years 3 7 1 46.2 years 3.8 years | 29 years 437 726 193 42.4 years 10.4 years | 29 years 3,095 6,311 2,183 44.4 years 10.6 years | 29 years 764 1,564 414 45.1 years 14.0 years | 29 years 13 32 13 46.6 years 7.2 years | 24 years 28 158 70 42.2 years 9.3 years | | | |
| | | | | | | SUMMARY OF ACTUARIAL INFORMATION 1. Prior Service Liability a. Present Members b. Annuitants 2. Current Service Liability (Present Members) 3. Total Actuarial Accrued Liability: (1) + (2) 4. Actuarial value of assets 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) 6. Funded Ratio: (4) / (3) 7. Annual Payroll | \$12,838 176,692 96,230 \$285,760 248,486 \$37,274 87.0% \$192,385 | \$10,383 9,060 91,819 \$111,262 75,668 \$35,594 68.0% \$239,711 | \$18,614,481 27,105,800 67,871,740 \$113,592,021 55,982,301 \$57,609,720 49.3% \$26,985,514 | \$141,101,986 188,661,088 495,417,003 \$825,180,077 492,603,803 \$332,576,274 59.7% \$253,796,958 | \$14,438,587 14,479,739 67,620,824 \$96,539,150 63,673,701 \$32,865,449 66.0% \$74,447,510 | \$384,633 819,430 1,300,923 \$2,504,986 1,706,128 \$798,858 68.1% \$931,933 | \$1,612,457 1,055,815 4,192,693 \$6,860,965 5,221,861 \$1,639,104 76.1% \$5,069,649 | | |
| | | | | | | | CITY CONTRIBUTION RATES FOR 2010 Retirement Normal Cost Prior Service Total Retirement Supplemental Death Total Rate Phase-In Rate (Minimum Contribution), Incl. Supplemental Death Statutory Maximum Rate (Total Retirement Only) | 3.89% 1.18% 5.07% 0.29% 5.36% 4.07% 10.50% | 5.55% 1.01% 6.56% 0.27% 6.83% N/A N/A | 11.97% 13.04% 25.01% 0.00% 25.01% 19.22% N/A | 9.54% 8.00% 17.54% 0.00% 17.54% 13.95% N/A | 2.92% 2.70% 5.62% 0.00% 5.62% 4.15% 5.50% | 8.08% 5.23% 13.31% 0.44% 13.75% 11.51% 13.50% | 4.30% 2.19% 6.49% 0.20% 6.69% N/A 11.50% | |
| | | | | | | | | ADDITIONAL INFORMATION Amortization period as of 1/2010 Number of annuitants Number of active contributing members Number of inactive members Average age of contributing members Average length of service of contributing members | 29 years 5 7 11 38.9 years 5.0 years | 24 years 3 7 1 46.2 years 3.8 years | 29 years 437 726 193 42.4 years 10.4 years | 29 years 3,095 6,311 2,183 44.4 years 10.6 years | 29 years 764 1,564 414 45.1 years 14.0 years | 29 years 13 32 13 46.6 years 7.2 years | 24 years 28 158 70 42.2 years 9.3 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | San Felipe | San Juan | San Marcos | San Saba | Sanger | Sansom Park | Santa Anna |
|---|------------|-------------|--------------|-------------|-------------|-------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$40,654 | \$631,695 | \$22,739,946 | \$339,111 | \$694,716 | \$167,951 | \$0 |
| b. Annuitants | 0 | 252,260 | 11,169,017 | 522,984 | 234,663 | 83,863 | 109 |
| 2. Current Service Liability (Present Members) | | | | | | | |
| a. Total Actuarial Accrued Liability: (1) + (2) | \$99,956 | \$5,206,148 | \$86,818,868 | \$2,888,024 | \$3,457,019 | \$729,006 | \$109 |
| b. Actuarial value of assets | 60,402 | 4,914,317 | 53,410,196 | 2,113,805 | 2,981,655 | \$150,790 | \$307,307 |
| 3. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$39,554 | \$291,831 | \$33,408,672 | \$774,219 | \$475,364 | \$150,790 | (\$307,198) |
| 4. Funded Ratio: (4) / (3) | 60.4% | 94.4% | 61.5% | 73.2% | 86.2% | 79.3% | 281933.0% |
| 7. Annual Payroll | \$185,637 | \$5,611,092 | \$23,968,024 | \$1,520,513 | \$2,495,573 | \$872,605 | \$0 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 3.05% | 3.16% | 11.35% | 6.33% | 6.25% | 4.09% | 0.00% |
| Prior Service | 1.44% | 0.35% | 8.52% | 3.11% | 1.29% | 1.17% | 0.00% |
| Total Retirement | 4.49% | 3.51% | 19.87% | 9.44% | 7.54% | 5.26% | 0.00% |
| Supplemental Death | 0.20% | 0.19% | 0.18% | 0.32% | 0.13% | 0.10% | 0.00% |
| Total Rate | 4.69% | 3.70% | 20.05% | 9.76% | 7.67% | 5.36% | 0.00% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 15.77% | 6.74% | N/A | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 10.50% | N/A | 8.50% | 12.50% | 11.50% | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 29 years | 24 years | 24 years | 24 years |
| Number of annuitants | 0 | 17 | 153 | 14 | 6 | 6 | 1 |
| Number of active contributing members | 5 | 176 | 482 | 46 | 58 | 29 | 0 |
| Number of inactive members | 3 | 93 | 217 | 10 | 18 | 54 | 0 |
| Average age of contributing members | 49.0 years | 40.5 years | 41.6 years | 42.7 years | 38.2 years | 34.9 years | 34.9 years |
| Average length of service of contributing members | 6.5 years | 7.6 years | 10.6 years | 7.4 years | 8.1 years | 5.2 years | 5.2 years |

| | Santa Fe | Savoy | Schertz | Schulenburg | Seabrook | Seadrift | Seagraville |
|---|-------------|------------|--------------|-------------|--------------|------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$2,546,932 | \$5,625 | \$10,009,279 | \$2,253,489 | \$5,657,230 | \$113,453 | \$1,884,330 |
| b. Annuitants | 735,240 | 0 | 1,765,099 | 1,122,142 | 1,894,885 | 0 | 402,029 |
| 2. Current Service Liability (Present Members) | | | | | | | |
| a. Total Actuarial Accrued Liability: (1) + (2) | 2,619,673 | 131,621 | 10,293,934 | 4,203,500 | 10,719,234 | 105,684 | 5,060,907 |
| b. Actuarial value of assets | \$5,901,845 | \$137,246 | \$22,068,312 | \$7,579,131 | \$18,271,349 | \$219,137 | \$7,347,266 |
| 3. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$3,286,283 | 172,186 | 11,216,663 | 4,541,893 | 10,755,961 | 112,823 | 5,487,445 |
| 4. Funded Ratio: (4) / (3) | 55.7% | 125.5% | 50.8% | 59.9% | 58.9% | 51.5% | 74.7% |
| 7. Annual Payroll | \$2,503,388 | \$98,035 | \$11,626,232 | \$1,568,818 | \$5,418,965 | \$317,185 | \$3,993,787 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 8.24% | 2.78% | 9.73% | 14.23% | 12.23% | 4.34% | 7.38% |
| Prior Service | 6.38% | -2.41% | 5.70% | 11.82% | 8.47% | 2.27% | 3.15% |
| Total Retirement | 14.62% | 0.37% | 15.43% | 26.05% | 20.70% | 6.61% | 10.53% |
| Supplemental Death | 0.00% | 0.27% | 0.17% | 0.27% | 0.19% | 0.25% | 0.19% |
| Total Rate | 14.62% | 0.64% | 15.60% | 26.32% | 20.89% | 6.86% | 10.72% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 12.68% | N/A | 13.69% | 20.26% | 16.73% | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 10.50% | 13.50% | N/A | N/A | N/A | 13.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 29 years | 24 years | 24 years |
| Number of annuitants | 12 | 0 | 26 | 14 | 32 | 0 | 17 |
| Number of active contributing members | 61 | 4 | 267 | 40 | 91 | 9 | 96 |
| Number of inactive members | 42 | 8 | 104 | 10 | 32 | 0 | 58 |
| Average age of contributing members | 42.0 years | 50.2 years | 39.8 years | 46.4 years | 43.9 years | 49.3 years | 41.4 years |
| Average length of service of contributing members | 9.6 years | 10.0 years | 8.1 years | 15.0 years | 11.1 years | 11.2 years | 9.6 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Seagraves | Sealy | Seguin | Scelma | Seminole | Seven Points | Seymour |
|---|-------------|--------------|--------------|-------------|-------------|--------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$89,278 | \$2,176,517 | \$2,134,864 | \$1,925,679 | \$1,624,138 | \$81,471 | \$305,481 |
| a. Present Members | 291,047 | 557,757 | 4,148,523 | 562,089 | 1,296,540 | 61,912 | 476,926 |
| b. Annuitants | 379,779 | 23,601,695 | 3,408,932 | 3,408,932 | 5,145,724 | 450,721 | 1,534,965 |
| 2. Current Service Liability (Present Members) | \$760,104 | \$6,512,667 | \$29,885,082 | \$5,896,700 | \$8,066,402 | \$594,104 | \$2,317,372 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$310,830 | 4,026,480 | 21,246,694 | 3,879,591 | 5,410,250 | 731,464 | 1,573,077 |
| 4. Actuarial value of assets | \$449,274 | \$2,486,187 | \$8,638,388 | \$2,017,109 | \$2,656,152 | (\$137,360) | \$744,295 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 40.9% | 61.8% | 71.1% | 65.8% | 67.1% | 123.1% | 67.9% |
| 6. Funded Ratio: (4) / (3) | \$369,091 | \$2,299,515 | \$11,924,537 | \$3,402,468 | \$2,020,641 | \$370,044 | \$1,062,031 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | 6.66% | 9.73% | 6.72% | 9.72% | 11.25% | 4.97% | 5.42% |
| Normal Cost | 7.43% | 6.60% | 4.90% | 3.62% | 8.03% | -2.27% | 4.28% |
| Prior Service | 14.09% | 16.33% | 11.62% | 13.34% | 19.28% | 2.70% | 9.70% |
| Total Retirement | 0.58% | 0.18% | 0.23% | 0.13% | 0.28% | 0.4% | 0.30% |
| Supplemental Death | 14.67% | 16.51% | 11.85% | 13.47% | 19.56% | 2.84% | 10.00% |
| Total Rate | 10.56% | 13.16% | N/A | 11.56% | 15.81% | 1.73% | 7.66% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 11.50% | N/A | N/A | N/A | 15.50% | 13.50% | 8.50% |
| Statutory Maximum Rate (Total Retirement Only) | | | | | | | |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 29 years | 29 years | 29 years | 29 years |
| Number of annuitants | 11 | 14 | 152 | 6 | 22 | 5 | 18 |
| Number of active contributing members | 12 | 51 | 281 | 74 | 53 | 14 | 34 |
| Number of inactive members | 17 | 28 | 121 | 24 | 38 | 27 | 17 |
| Average age of contributing members | 42.9 years | 40.1 years | 42.3 years | 37.9 years | 40.7 years | 35.4 years | 44.3 years |
| Average length of service of contributing members | 5.1 years | 8.6 years | 10.5 years | 7.4 years | 8.2 years | 4.0 years | 9.5 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$121,056 | \$224,013 | \$706,629 | \$1,716,571 | \$0 | \$12,022,364 | \$196,608 |
| a. Present Members | 1,444 | 415,787 | 90,049 | 50,344 | 0 | 9,878,072 | 534,038 |
| b. Annuitants | 449,929 | 647,833 | 1,596,542 | 1,861,426 | 206,279 | 43,992,281 | 1,192,585 |
| 2. Current Service Liability (Present Members) | \$572,429 | \$1,287,630 | \$2,393,220 | \$3,628,341 | \$206,279 | \$65,892,717 | \$1,923,231 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$755,859 | 704,384 | 1,592,084 | 1,670,173 | 260,832 | 40,161,915 | 1,380,677 |
| 4. Actuarial value of assets | (\$3,430) | \$583,249 | \$801,136 | \$1,958,168 | (\$54,553) | \$25,730,802 | \$542,554 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 100.6% | 54.7% | 66.5% | 46.0% | 126.4% | 61.0% | 71.8% |
| 6. Funded Ratio: (4) / (3) | \$391,053 | \$532,334 | \$1,792,195 | \$3,355,196 | \$268,649 | \$18,574,460 | \$733,231 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | 4.80% | 5.45% | 6.36% | 9.44% | 3.89% | 10.89% | 5.32% |
| Normal Cost | -0.06% | 6.69% | 3.02% | 3.57% | -1.38% | 8.46% | 4.52% |
| Prior Service | 4.74% | 12.14% | 9.38% | 13.01% | 2.51% | 19.35% | 9.84% |
| Total Retirement | 0.26% | 0.77% | 0.19% | 0.17% | 0.12% | 0.23% | 0.29% |
| Supplemental Death | 5.00% | 12.91% | 9.57% | 13.18% | 2.63% | 19.58% | 10.13% |
| Total Rate | N/A | 10.32% | N/A | 12.05% | N/A | 17.25% | 7.64% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 9.50% | N/A | 13.50% | N/A | 11.50% | N/A | 7.50% |
| Statutory Maximum Rate (Total Retirement Only) | | | | | | | |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 24 years | 29 years | 24 years | 29 years | 29 years |
| Number of annuitants | 1 | 14 | 10 | 2 | 0 | 229 | 10 |
| Number of active contributing members | 11 | 17 | 45 | 66 | 9 | 386 | 25 |
| Number of inactive members | 9 | 7 | 82 | 23 | 4 | 110 | 6 |
| Average age of contributing members | 45.4 years | 52.6 years | 39.9 years | 42.5 years | 42.9 years | 43.0 years | 46.4 years |
| Average length of service of contributing members | 7.5 years | 12.4 years | 7.3 years | 6.3 years | 5.6 years | 10.9 years | 12.7 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$196,608 | \$12,022,364 | \$12,022,364 | \$1,716,571 | \$0 | \$12,022,364 | \$196,608 |
| a. Present Members | 534,038 | 9,878,072 | 9,878,072 | 50,344 | 0 | 9,878,072 | 534,038 |
| b. Annuitants | 1,192,585 | 43,992,281 | 43,992,281 | 1,861,426 | 206,279 | 43,992,281 | 1,192,585 |
| 2. Current Service Liability (Present Members) | \$1,923,231 | \$65,892,717 | \$65,892,717 | \$3,628,341 | \$206,279 | \$65,892,717 | \$1,923,231 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 1,380,677 | 40,161,915 | 40,161,915 | 1,670,173 | 260,832 | 40,161,915 | 1,380,677 |
| 4. Actuarial value of assets | \$542,554 | \$25,730,802 | \$25,730,802 | \$1,958,168 | (\$54,553) | \$25,730,802 | \$542,554 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 71.8% | 61.0% | 66.5% | 46.0% | 126.4% | 61.0% | 71.8% |
| 6. Funded Ratio: (4) / (3) | \$733,231 | \$18,574,460 | \$18,574,460 | \$3,355,196 | \$268,649 | \$18,574,460 | \$733,231 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | 5.32% | 10.89% | 6.36% | 9.44% | 3.89% | 10.89% | 5.32% |
| Normal Cost | 4.52% | 8.46% | 3.02% | 3.57% | -1.38% | 8.46% | 4.52% |
| Prior Service | 9.84% | 19.35% | 9.38% | 13.01% | 2.51% | 19.35% | 9.84% |
| Total Retirement | 0.29% | 0.23% | 0.19% | 0.17% | 0.12% | 0.23% | 0.29% |
| Supplemental Death | 10.13% | 19.58% | 9.57% | 13.18% | 2.63% | 19.58% | 10.13% |
| Total Rate | 7.64% | 17.25% | N/A | 12.05% | N/A | 17.25% | 7.64% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 7.50% | N/A | 13.50% | N/A | 11.50% | N/A | 7.50% |
| Statutory Maximum Rate (Total Retirement Only) | | | | | | | |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 29 years | 24 years | 29 years | 29 years |
| Number of annuitants | 10 | 229 | 10 | 2 | 0 | 229 | 10 |
| Number of active contributing members | 25 | 386 | 45 | 66 | 9 | 386 | 25 |
| Number of inactive members | 6 | 110 | 82 | 23 | 4 | 110 | 6 |
| Average age of contributing members | 46.4 years | 43.0 years | 39.9 years | 42.5 years | 42.9 years | 43.0 years | 46.4 years |
| Average length of service of contributing members | 12.7 years | 10.9 years | 7.3 years | 6.3 years | 5.6 years | 10.9 years | 12.7 years |

Actuarial Valuation of Participating Municipalities

CONTINUED



| | Shoreacres | Silsbee | Silverton | Sinton | Skellytown | Slaton | Smithville |
|---|-------------|--------------|-------------|-------------|-------------|-------------|--------------|
| SUMMARY OF ACTUARIAL INFORMATION 1. Prior Service Liability a. Present Members b. Annuitants 2. Current Service Liability (Present Members) 3. Total Actuarial Accrued Liability: (1) + (2) 4. Actuarial value of assets 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) 6. Funded Ratio: (4) / (3) 7. Annual Payroll | \$189,956 | \$1,587,292 | \$123,453 | \$648,685 | \$6,924 | \$178,231 | \$399,432 |
| | 117,132 | 2,389,674 | 86,516 | 477,471 | 0 | 246,224 | 513,361 |
| | 583,033 | 4,890,235 | 481,191 | 2,048,829 | 93,152 | 2,842,986 | 1,807,891 |
| | \$890,121 | \$8,867,201 | \$691,160 | \$3,174,985 | \$100,076 | \$3,267,441 | \$2,720,684 |
| | 719,621 | 4,858,180 | 545,686 | 2,485,601 | 128,947 | 2,824,926 | 2,109,861 |
| | \$170,500 | \$4,009,021 | \$145,474 | \$689,384 | (\$28,871) | \$442,515 | \$610,823 |
| | 80.8% | 54.8% | 79.0% | 78.3% | 128.8% | 86.5% | 77.5% |
| \$576,144 | \$2,472,482 | \$87,513 | \$1,369,020 | \$85,802 | \$1,723,985 | \$1,722,293 | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.06% | 10.22% | 12.81% | 6.41% | 2.74% | 6.18% | 4.61% |
| Prior Service | 1.81% | 9.90% | 10.15% | 3.07% | -2.28% | 1.74% | 2.17% |
| Total Retirement | 6.87% | 20.12% | 22.96% | 9.48% | 0.46% | 7.92% | 6.78% |
| Supplemental Death | 0.21% | 0.00% | 0.78% | 0.31% | 0.20% | 0.34% | 0.30% |
| Total Rate | 7.08% | 20.12% | 23.74% | 9.79% | 0.66% | 8.26% | 7.08% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 6.63% | 16.79% | 16.97% | 7.77% | N/A | N/A | 5.82% |
| Statutory Maximum Rate (Total Retirement Only) | 9.50% | 15.50% | N/A | 11.50% | 7.50% | 12.50% | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 24 years | 24 years | 29 years |
| Number of annuitants | 4 | 33 | 3 | 15 | 1 | 25 | 17 |
| Number of active contributing members | 11 | 64 | 3 | 43 | 4 | 52 | 59 |
| Number of inactive members | 11 | 22 | 0 | 34 | 3 | 34 | 39 |
| Average age of contributing members | 46.2 years | 41.3 years | 57.2 years | 41.6 years | 47.6 years | 44.4 years | 45.5 years |
| Average length of service of contributing members | 11.4 years | 8.8 years | 19.4 years | 7.7 years | 3.6 years | 7.4 years | 6.8 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability a. Present Members b. Annuitants 2. Current Service Liability (Present Members) 3. Total Actuarial Accrued Liability: (1) + (2) 4. Actuarial value of assets 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) 6. Funded Ratio: (4) / (3) 7. Annual Payroll | \$2,991 | \$1,970,034 | \$13,003 | \$81,452 | \$362,489 | \$72,751 | \$1,739,218 |
| | 0 | 3,339,786 | 53,612 | 79,984 | 607,132 | 0 | 2,467,306 |
| | 76,532 | 9,680,879 | 98,634 | 367,487 | 1,292,387 | 357,426 | 6,869,966 |
| | \$79,523 | \$14,990,699 | \$165,249 | \$528,923 | \$2,262,008 | \$430,177 | \$11,076,490 |
| | 69,197 | 9,698,015 | 130,555 | 462,276 | 1,273,443 | 434,489 | 7,376,918 |
| | \$10,326 | \$5,292,684 | \$34,694 | \$66,647 | \$988,565 | (\$4,312) | \$3,699,572 |
| | 87.0% | 64.7% | 79.0% | 87.4% | 56.3% | 101.0% | 66.6% |
| \$54,459 | \$3,284,830 | \$262,294 | \$485,957 | \$982,606 | \$480,057 | \$3,947,652 | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 7.00% | 11.89% | 1.98% | 5.51% | 5.82% | 2.46% | 8.04% |
| Prior Service | 2.36% | 9.84% | 0.90% | 0.84% | 6.14% | -0.06% | 5.72% |
| Total Retirement | 9.36% | 21.73% | 2.88% | 6.35% | 11.96% | 2.40% | 13.76% |
| Supplemental Death | 0.14% | 0.31% | 0.13% | 0.36% | 0.20% | 0.18% | 0.24% |
| Total Rate | 9.50% | 22.04% | 3.01% | 6.71% | 12.16% | 2.58% | 14.00% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 17.15% | N/A | 5.55% | 9.53% | N/A | 10.54% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | N/A | 9.50% | 9.50% | N/A | 7.50% | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 12 years | 29 years | 24 years | 29 years | 29 years | 24 years | 29 years |
| Number of annuitants | 0 | 35 | 3 | 5 | 21 | 0 | 46 |
| Number of active contributing members | 2 | 10 | 10 | 15 | 30 | 14 | 106 |
| Number of inactive members | 0 | 27 | 14 | 14 | 16 | 24 | 47 |
| Average age of contributing members | 47.0 years | 44.8 years | 36.4 years | 49.6 years | 42.5 years | 40.5 years | 43.8 years |
| Average length of service of contributing members | 12.5 years | 10.4 years | 2.3 years | 5.4 years | 8.4 years | 7.0 years | 9.7 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability a. Present Members b. Annuitants 2. Current Service Liability (Present Members) 3. Total Actuarial Accrued Liability: (1) + (2) 4. Actuarial value of assets 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) 6. Funded Ratio: (4) / (3) 7. Annual Payroll | \$2,991 | \$1,970,034 | \$13,003 | \$81,452 | \$362,489 | \$72,751 | \$1,739,218 |
| | 0 | 3,339,786 | 53,612 | 79,984 | 607,132 | 0 | 2,467,306 |
| | 76,532 | 9,680,879 | 98,634 | 367,487 | 1,292,387 | 357,426 | 6,869,966 |
| | \$79,523 | \$14,990,699 | \$165,249 | \$528,923 | \$2,262,008 | \$430,177 | \$11,076,490 |
| | 69,197 | 9,698,015 | 130,555 | 462,276 | 1,273,443 | 434,489 | 7,376,918 |
| | \$10,326 | \$5,292,684 | \$34,694 | \$66,647 | \$988,565 | (\$4,312) | \$3,699,572 |
| | 87.0% | 64.7% | 79.0% | 87.4% | 56.3% | 101.0% | 66.6% |
| \$54,459 | \$3,284,830 | \$262,294 | \$485,957 | \$982,606 | \$480,057 | \$3,947,652 | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 7.00% | 11.89% | 1.98% | 5.51% | 5.82% | 2.46% | 8.04% |
| Prior Service | 2.36% | 9.84% | 0.90% | 0.84% | 6.14% | -0.06% | 5.72% |
| Total Retirement | 9.36% | 21.73% | 2.88% | 6.35% | 11.96% | 2.40% | 13.76% |
| Supplemental Death | 0.14% | 0.31% | 0.13% | 0.36% | 0.20% | 0.18% | 0.24% |
| Total Rate | 9.50% | 22.04% | 3.01% | 6.71% | 12.16% | 2.58% | 14.00% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 17.15% | N/A | 5.55% | 9.53% | N/A | 10.54% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | N/A | 9.50% | 9.50% | N/A | 7.50% | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 12 years | 29 years | 24 years | 29 years | 29 years | 24 years | 29 years |
| Number of annuitants | 0 | 35 | 3 | 5 | 21 | 0 | 46 |
| Number of active contributing members | 2 | 10 | 10 | 15 | 30 | 14 | 106 |
| Number of inactive members | 0 | 27 | 14 | 14 | 16 | 24 | 47 |
| Average age of contributing members | 47.0 years | 44.8 years | 36.4 years | 49.6 years | 42.5 years | 40.5 years | 43.8 years |
| Average length of service of contributing members | 12.5 years | 10.4 years | 2.3 years | 5.4 years | 8.4 years | 7.0 years | 9.7 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | South Padre Island | Southlake | Southside Place | Spearman | Spring Valley | Springtown | Spur |
|---|--------------------|--------------|-----------------|-------------|---------------|---------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$3,137,429 | \$9,582,202 | \$371,618 | \$341,359 | \$1,642,504 | \$309,379 | \$91,809 |
| a. Present Members | 707,540 | 3,914,016 | 43,984 | 707,466 | 1,154,500 | 156,119 | 0 |
| b. Annuitants | 9,120,951 | 25,756,726 | 1,240,895 | 1,420,753 | 4,205,009 | 1,074,521 | 329,347 |
| 2. Current Service Liability (Present Members) | \$12,965,920 | \$39,252,944 | \$1,656,497 | \$2,478,578 | \$7,002,013 | \$1,540,019 | \$421,156 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 10,760,696 | 27,171,220 | 1,244,953 | 1,489,653 | 4,516,544 | 1,354,163 | 354,625 |
| 4. Actuarial value of assets | \$2,205,224 | \$12,081,724 | \$411,544 | \$988,925 | \$2,485,469 | \$185,856 | \$66,531 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 83.0% | 69.2% | 75.2% | 60.1% | 64.5% | 87.9% | 84.2% |
| 6. Funded Ratio: (4) / (3) | \$5,769,030 | \$14,968,247 | \$799,688 | \$668,554 | \$1,736,878 | \$1,303,553 | \$267,865 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 10.02% | 9.76% | 7.96% | 8.22% | 11.69% | 6.92% | 3.00% |
| Prior Service | 2.33% | 4.93% | 3.14% | 9.04% | 8.74% | 0.87% | 1.68% |
| Total Retirement | 12.35% | 14.69% | 11.10% | 17.26% | 20.43% | 7.79% | 4.68% |
| Supplemental Death | 0.19% | 0.15% | 0.39% | 0.21% | 0.27% | 0.16% | 0.21% |
| Total Rate | 12.54% | 14.84% | 11.49% | 17.47% | 20.70% | 7.95% | 4.89% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 10.95% | 13.84% | 11.18% | 12.53% | 17.48% | 7.60% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | 13.50% | 12.50% | 13.50% | N/A | 13.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 29 years | 29 years | 24 years |
| Number of annuitants | 18 | 43 | 7 | 16 | 8 | 7 | 0 |
| Number of active contributing members | 144 | 271 | 19 | 23 | 35 | 38 | 10 |
| Number of inactive members | 52 | 121 | 10 | 19 | 18 | 36 | 3 |
| Average age of contributing members | 42.2 years | 39.9 years | 41.0 years | 43.1 years | 46.4 years | 39.2 years | 49.4 years |
| Average length of service of contributing members | 8.1 years | 9.5 years | 8.8 years | 7.6 years | 13.9 years | 5.9 years | 9.1 years |
| | Stafford | Stamford | Stanton | Star Harbor | Stephenville | Sterling City | Stimmet |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$3,774,958 | \$164,199 | \$343,160 | \$51,373 | \$5,352,285 | \$11,276 | \$3,092 |
| a. Present Members | 1,969,081 | 629,351 | 95,295 | 36,547 | 2,808,573 | 29,377 | 30,060 |
| b. Annuitants | 12,122,939 | 932,455 | 1,080,955 | 324,721 | 13,289,733 | 222,653 | 1,106,118 |
| 2. Current Service Liability (Present Members) | \$17,866,978 | \$1,726,005 | \$1,519,410 | \$412,641 | \$2,450,591 | \$263,306 | \$1,139,270 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 13,292,631 | 1,373,858 | 1,152,587 | 320,819 | 14,809,934 | 241,886 | 1,231,188 |
| 4. Actuarial value of assets | \$4,574,347 | \$352,147 | \$366,823 | \$91,822 | \$6,640,657 | \$21,420 | (\$91,918) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 74.4% | 79.9% | 75.9% | 77.7% | 69.0% | 91.9% | 108.1% |
| 6. Funded Ratio: (4) / (3) | \$5,400,667 | \$838,829 | \$755,307 | \$151,755 | \$5,773,061 | \$166,781 | \$451,214 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 11.95% | 4.14% | 6.84% | 8.91% | 10.58% | 3.56% | 4.43% |
| Prior Service | 5.17% | 2.56% | 2.97% | 3.69% | 7.02% | 0.87% | -1.38% |
| Total Retirement | 17.12% | 6.70% | 9.81% | 12.60% | 17.60% | 4.43% | 3.05% |
| Supplemental Death | 0.24% | 0.31% | 0.29% | 0.73% | 0.22% | 0.00% | 0.24% |
| Total Rate | 17.36% | 7.01% | 10.10% | 13.33% | 17.82% | 4.43% | 3.29% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 13.61% | 5.28% | 8.25% | 10.76% | 14.66% | N/A | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | 9.50% | 9.50% | 11.50% | N/A | 7.50% | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 29 years | 24 years | 24 years |
| Number of annuitants | 35 | 15 | 6 | 5 | 46 | 2 | 3 |
| Number of active contributing members | 119 | 30 | 17 | 5 | 135 | 6 | 12 |
| Number of inactive members | 45 | 31 | 5 | 4 | 53 | 1 | 11 |
| Average age of contributing members | 43.1 years | 45.7 years | 43.5 years | 49.6 years | 42.5 years | 46.8 years | 46.1 years |
| Average length of service of contributing members | 9.1 years | 7.4 years | 11.7 years | 5.7 years | 11.7 years | 13.5 years | 10.5 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Tahoka | Tatum | Taylor | Teague | Temple | Tenaha | Terrell |
|---|-------------|--------------|--------------|--------------|--------------|--------------|---------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$0 | \$3,100 | \$3,377,469 | \$250,943 | \$14,729,420 | \$46,075 | \$4,228,901 |
| b. Annuitants | 25,789 | 77,562 | 2,405,960 | 192,448 | 16,731,905 | 4,557 | 4,855,064 |
| 2. Current Service Liability (Present Members) | 949,612 | 111,383 | 7,705,622 | 816,182 | 55,121,409 | 114,733 | 13,751,990 |
| 3. Total Actuarial Acrued Liability: (1) + (2) | \$975,401 | \$192,045 | \$13,489,051 | \$1,259,573 | \$86,582,734 | \$165,365 | \$22,835,955 |
| 4. Actuarial value of assets | 1,104,482 | 135,759 | 7,633,245 | 894,905 | \$1,738,536 | 161,241 | 13,238,540 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | (\$129,081) | \$56,286 | \$5,855,806 | \$364,668 | \$34,844,198 | \$4,124 | \$9,597,415 |
| 6. Funded Ratio: (4) / (3) | 113.2% | 70.7% | 56.6% | 71.0% | 59.8% | 97.5% | 58.0% |
| 7. Annual Payroll | \$467,758 | \$180,045 | \$5,964,804 | \$810,279 | \$25,028,861 | \$222,681 | \$7,583,480 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 6.13% | 2.30% | 6.94% | 6.20% | 10.68% | 3.30% | 10.63% |
| Prior Service | -1.87% | 2.11% | 6.00% | 2.75% | 8.50% | 0.11% | 7.73% |
| Total Retirement | 4.26% | 4.41% | 12.94% | 8.95% | 19.18% | 3.41% | 18.36% |
| Supplemental Death | 0.31% | 0.22% | 0.23% | 0.43% | 0.22% | 0.47% | 0.19% |
| Total Rate | 4.57% | 4.63% | 13.17% | 9.38% | 19.40% | 3.88% | 18.55% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | N/A | 11.46% | 7.63% | 15.61% | 3.46% | 15.01% |
| Statutory Maximum Rate (Total Retirement Only) | 11.50% | 7.50% | N/A | 13.50% | 15.50% | 7.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 29 years | 29 years | 29 years | 29 years | 29 years |
| Number of annuitants | 7 | 5 | 58 | 13 | 255 | 2 | 82 |
| Number of active contributing members | 15 | 5 | 139 | 30 | 614 | 7 | 160 |
| Number of inactive members | 3 | 9 | 77 | 29 | 281 | 1 | 50 |
| Average age of contributing members | 42.9 years | 46.5 years | 40.6 years | 48.0 years | 42.7 years | 51.0 years | 40.7 years |
| Average length of service of contributing members | 11.5 years | 5.6 years | 8.7 years | 5.2 years | 9.2 years | 7.1 years | 9.0 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$1,452,618 | \$4,116,069 | \$3,150,575 | \$4,424,773 | \$8,789,266 | \$2,310,487 | \$524,991 |
| b. Annuitants | 1,073,981 | 4,406,731 | 5,127,489 | 3,995,596 | 14,377,924 | 1,104,114 | 9,624 |
| 2. Current Service Liability (Present Members) | 3,614,409 | 17,737,921 | 13,133,029 | 10,409,720 | 38,751,188 | 6,975,889 | 10,388,924 |
| 3. Total Actuarial Acrued Liability: (1) + (2) | \$6,141,008 | \$26,260,721 | \$21,411,093 | \$18,830,089 | \$61,918,378 | \$10,390,490 | \$10,923,539 |
| 4. Actuarial value of assets | 4,215,397 | 17,651,709 | 12,377,335 | 10,554,367 | 35,709,557 | 7,689,322 | 11,999,732 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$1,925,611 | \$8,609,012 | \$9,033,758 | \$8,275,722 | \$26,208,821 | \$2,701,168 | (\$1,076,193) |
| 6. Funded Ratio: (4) / (3) | 68.6% | 67.2% | 57.8% | 56.1% | 57.7% | 74.0% | 109.9% |
| 7. Annual Payroll | \$1,936,353 | \$7,846,154 | \$4,931,618 | \$6,203,946 | \$16,836,952 | \$2,561,371 | \$7,196,686 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 9.34% | 10.41% | 11.70% | 11.13% | 11.55% | 10.49% | 5.27% |
| Prior Service | 6.07% | 6.70% | 11.19% | 8.14% | 9.51% | 6.44% | -1.01% |
| Total Retirement | 15.41% | 17.11% | 22.89% | 19.27% | 21.06% | 16.93% | 4.26% |
| Supplemental Death | 0.16% | 0.00% | 0.00% | 0.00% | 0.00% | 0.27% | 0.20% |
| Total Rate | 15.57% | 17.11% | 22.89% | 19.27% | 21.06% | 17.20% | 4.46% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 12.45% | 13.78% | 18.55% | 15.30% | 16.91% | 14.44% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 12.50% | 15.50% | N/A | 15.50% | N/A | N/A | 12.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 29 years | 29 years | 24 years |
| Number of annuitants | 16 | 97 | 50 | 79 | 226 | 11 | 6 |
| Number of active contributing members | 46 | 232 | 92 | 162 | 417 | 33 | 115 |
| Number of inactive members | 36 | 91 | 31 | 28 | 163 | 26 | 75 |
| Average age of contributing members | 39.0 years | 45.7 years | 36.4 years | 42.6 years | 41.2 years | 45.3 years | 45.3 years |
| Average length of service of contributing members | 10.7 years | 9.0 years | 10.9 years | 9.9 years | 8.6 years | 13.0 years | 8.0 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Trenton | Trinidad | Trinity | Trophy Club | Troop | Troy | Tulsa |
|---|------------|------------|---------------|--------------|--------------|-------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$104,594 | \$49,360 | \$65,614 | \$2,440,445 | \$109,209 | \$4,088 | \$840,830 |
| a. Present Members | 0 | 108,970 | 246,120 | 1,292,927 | 59,944 | 61,409 | 947,448 |
| b. Annuitants | 178,266 | 123,054 | 198,451 | 4,105,929 | 391,695 | 140,251 | 3,310,120 |
| 2. Current Service Liability (Present Members) | \$282,860 | \$281,384 | \$510,185 | \$7,839,301 | \$560,848 | \$205,748 | \$5,098,398 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 256,170 | 178,053 | 471,790 | 4,773,166 | \$20,358 | 218,964 | 3,706,733 |
| 4. Actuarial value of assets | \$26,690 | \$103,331 | \$38,395 | \$3,066,135 | \$40,490 | (\$13,216) | \$1,391,665 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 90.6% | 63.3% | 92.5% | 60.9% | 92.8% | 106.4% | 72.7% |
| 6. Funded Ratio: (4) / (3) | \$163,241 | \$237,159 | \$634,555 | \$4,054,683 | \$628,647 | \$235,093 | \$1,114,409 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.43% | 3.04% | 2.54% | 8.49% | 2.54% | 2.55% | 11.52% |
| Prior Service | 0.99% | 2.94% | 0.36% | 1.31% | 0.39% | -0.38% | 7.63% |
| Total Retirement | 6.42% | 5.98% | 2.90% | 13.11% | 2.93% | 2.17% | 19.15% |
| Supplemental Death | 0.22% | 0.32% | 0.18% | 0.15% | 0.48% | 0.52% | 0.28% |
| Total Rate | 6.64% | 6.30% | 3.08% | 13.26% | 3.41% | 2.69% | 19.43% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 6.00% | N/A | 1.99% | 13.11% | 2.41% | N/A | 15.79% |
| Statutory Maximum Rate (Total Retirement Only) | 9.50% | 7.50% | 7.50% | 13.50% | 7.50% | 7.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 29 years | 24 years | 29 years |
| Number of annuitants | 0 | 5 | 6 | 9 | 3 | 6 | 22 |
| Number of active contributing members | 6 | 8 | 26 | 74 | 20 | 7 | 33 |
| Number of inactive members | 8 | 4 | 26 | 51 | 16 | 6 | 19 |
| Average age of contributing members | 39.9 years | 46.0 years | 40.3 years | 40.7 years | 41.3 years | 50.0 years | 42.8 years |
| Average length of service of contributing members | 6.9 years | 7.0 years | 2.4 years | 7.7 years | 4.0 years | 9.6 years | 12.1 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$113,971 | \$136,186 | \$24,525,391 | \$2,581,521 | \$575,464 | \$1,063,921 | \$0 |
| a. Present Members | 0 | 96,836 | 21,734,893 | 1,318,908 | 3,532,221 | 1,184,972 | 80,018 |
| b. Annuitants | 57,664 | 241,269 | 66,651,068 | 6,244,562 | 41,696,228 | 5,317,060 | 682,761 |
| 2. Current Service Liability (Present Members) | \$171,635 | \$474,291 | \$112,911,352 | \$10,144,991 | \$45,803,913 | \$7,565,953 | \$762,779 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 105,945 | 293,659 | 59,840,522 | 6,769,639 | 37,658,489 | 5,563,602 | 862,420 |
| 4. Actuarial value of assets | \$65,690 | \$180,632 | \$53,070,830 | \$3,375,352 | \$8,145,424 | \$2,002,351 | (\$99,641) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 61.7% | 61.9% | 53.0% | 66.7% | 82.2% | 73.5% | 113.1% |
| 6. Funded Ratio: (4) / (3) | \$70,733 | \$362,056 | \$28,291,344 | \$4,999,134 | \$13,437,942 | \$4,683,413 | \$664,975 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 6.30% | 3.51% | 11.75% | 6.53% | 8.77% | 4.17% | 4.95% |
| Prior Service | 5.67% | 3.37% | 11.45% | 4.12% | 4.10% | 2.61% | -1.02% |
| Total Retirement | 11.97% | 6.88% | 23.20% | 10.65% | 12.87% | 6.78% | 3.93% |
| Supplemental Death | 0.54% | 0.27% | 0.25% | 0.17% | 0.00% | 0.28% | 0.18% |
| Total Rate | 12.51% | 7.15% | 23.45% | 10.82% | 12.87% | 7.06% | 4.11% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 10.80% | N/A | 17.55% | 8.73% | N/A | 5.11% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | N/A | N/A | N/A | 11.50% | N/A | 7.50% | 11.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 24 years | 29 years | 29 years | 24 years | 29 years | 24 years |
| Number of annuitants | 0 | 2 | 375 | 34 | 98 | 44 | 6 |
| Number of active contributing members | 3 | 11 | 630 | 121 | 208 | 146 | 17 |
| Number of inactive members | 1 | 5 | 195 | 75 | 45 | 41 | 5 |
| Average age of contributing members | 59.3 years | 45.8 years | 43.9 years | 40.7 years | 45.7 years | 42.6 years | 42.6 years |
| Average length of service of contributing members | 14.8 years | 10.8 years | 10.1 years | 8.1 years | 15.3 years | 9.0 years | 6.3 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 |
| a. Present Members | 80,018 | 80,018 | 80,018 | 80,018 | 80,018 | 80,018 | 80,018 |
| b. Annuitants | 682,761 | 682,761 | 682,761 | 682,761 | 682,761 | 682,761 | 682,761 |
| 2. Current Service Liability (Present Members) | \$762,779 | \$762,779 | \$762,779 | \$762,779 | \$762,779 | \$762,779 | \$762,779 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 862,420 | 862,420 | 862,420 | 862,420 | 862,420 | 862,420 | 862,420 |
| 4. Actuarial value of assets | (\$99,641) | (\$99,641) | (\$99,641) | (\$99,641) | (\$99,641) | (\$99,641) | (\$99,641) |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | \$962,061 | \$962,061 | \$962,061 | \$962,061 | \$962,061 | \$962,061 | \$962,061 |
| 6. Funded Ratio: (4) / (3) | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 7. Annual Payroll | \$664,975 | \$664,975 | \$664,975 | \$664,975 | \$664,975 | \$664,975 | \$664,975 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | | | | | | | |
| Prior Service | | | | | | | |
| Total Retirement | | | | | | | |
| Supplemental Death | | | | | | | |
| Total Rate | | | | | | | |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | | | | | | | |
| Statutory Maximum Rate (Total Retirement Only) | | | | | | | |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 24 years | 24 years | 24 years | 24 years | 24 years | 24 years |
| Number of annuitants | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Number of active contributing members | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| Number of inactive members | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Average age of contributing members | 42.6 years | 42.6 years | 42.6 years | 42.6 years | 42.6 years | 42.6 years | 42.6 years |
| Average length of service of contributing members | 6.3 years | 6.3 years | 6.3 years | 6.3 years | 6.3 years | 6.3 years | 6.3 years |

Actuarial Valuation of Participating Municipalities

CONTINUED

| | Van Alstyne | Van Horn | Vega | Venus | Vernon | Victoria | Vidor |
|---|--------------|---------------|-------------|-------------|--------------|--------------|--------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$474,765 | \$289,871 | \$138,297 | \$84,067 | \$1,848,317 | \$13,662,514 | \$3,620,479 |
| a. Present Members | 165,684 | 151,299 | 57,422 | 28,865 | 3,414,942 | 25,392,419 | 1,190,568 |
| b. Annuitants | 1,169,065 | 1,510,312 | 884,830 | 377,392 | 5,378,966 | 49,819,252 | 6,022,240 |
| 2. Current Service Liability (Present Members) | \$1,809,514 | \$1,951,482 | \$1,080,549 | \$490,324 | \$10,642,225 | \$88,874,185 | \$10,833,287 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 1,334,915 | 1,686,587 | 884,445 | 430,119 | 4,918,920 | 45,617,283 | 6,846,476 |
| 4. Actuarial value of assets | \$474,599 | \$264,895 | \$196,104 | \$60,205 | \$5,723,305 | \$43,256,902 | \$3,986,811 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 73.8% | 86.4% | 81.9% | 87.7% | 46.2% | 51.3% | 63.2% |
| 6. Funded Ratio: (4) / (3) | \$1,144,260 | \$807,489 | \$195,095 | \$497,715 | \$3,524,654 | \$23,720,529 | \$2,848,210 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 7.59% | 7.36% | 18.68% | 7.00% | 8.78% | 9.40% | 11.98% |
| Prior Service | 2.54% | 2.00% | 6.14% | 0.82% | 9.91% | 11.13% | 8.55% |
| Total Retirement | 10.13% | 9.36% | 24.82% | 7.82% | 18.69% | 20.53% | 20.53% |
| Supplemental Death | 0.13% | 0.21% | 0.48% | 0.00% | 0.29% | 0.19% | 0.22% |
| Total Rate | 10.26% | 9.57% | 25.30% | 7.82% | 18.98% | 20.72% | 20.75% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 9.29% | 7.14% | 19.87% | N/A | 15.35% | 15.87% | 17.37% |
| Statutory/Maximum Rate (Total Retirement Only) | 12.50% | 9.50% | N/A | 13.50% | N/A | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 24 years | 29 years | 29 years | 29 years |
| Number of annuitants | 5 | 6 | 1 | 4 | 69 | 340 | 26 |
| Number of active contributing members | 29 | 27 | 6 | 13 | 97 | 563 | 67 |
| Number of inactive members | 43 | 7 | 0 | 17 | 61 | 205 | 22 |
| Average age of contributing members | 35.7 years | 45.6 years | 50.9 years | 47.0 years | 40.9 years | 39.7 years | 43.9 years |
| Average length of service of contributing members | 5.9 years | 10.4 years | 14.7 years | 6.3 years | 7.9 years | 9.5 years | 11.8 years |
| | | | | | | | |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$2,670,583 | \$54,504,557 | \$22,579 | \$151,885 | \$81,765 | \$108,971 | \$3,637 |
| a. Present Members | 1,191,737 | 59,250,980 | 10,427 | 337,211 | 156,395 | 98,948 | 2,780 |
| b. Annuitants | 7,920,130 | 168,838,026 | 309,144 | 748,051 | 1,142,372 | 382,469 | 39,332 |
| 2. Current Service Liability (Present Members) | \$11,782,450 | \$282,593,563 | \$342,150 | \$1,237,147 | \$1,380,532 | \$590,388 | \$45,749 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | 9,137,908 | 156,574,429 | 294,255 | 683,071 | 1,321,233 | 491,189 | 38,536 |
| 4. Actuarial value of assets | \$2,644,542 | \$126,019,134 | \$47,895 | \$554,076 | \$59,299 | \$7,213 | \$7,213 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 77.6% | 55.4% | 86.0% | 55.2% | 95.7% | 83.2% | 84.2% |
| 6. Funded Ratio: (4) / (3) | \$3,037,662 | \$64,258,478 | \$432,975 | \$595,502 | \$748,750 | \$276,289 | \$71,202 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 9.18% | 12.07% | 2.70% | 6.12% | 3.84% | 4.32% | 3.15% |
| Prior Service | 5.31% | 11.98% | 0.74% | 5.68% | 0.54% | 2.43% | 1.43% |
| Total Retirement | 14.49% | 24.05% | 3.44% | 11.80% | 4.38% | 6.75% | 4.58% |
| Supplemental Death | 0.17% | 0.00% | 0.23% | 0.31% | 0.39% | 0.17% | 0.24% |
| Total Rate | 14.66% | 24.05% | 3.67% | 12.11% | 4.77% | 6.92% | 4.82% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 18.09% | N/A | 10.47% | N/A | N/A | N/A |
| Statutory/Maximum Rate (Total Retirement Only) | N/A | N/A | 7.50% | 13.50% | 7.50% | 8.50% | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 29 years | 24 years | 24 years | 10 years |
| Number of annuitants | 9 | 694 | 2 | 13 | 10 | 3 | 1 |
| Number of active contributing members | 50 | 1,478 | 15 | 20 | 21 | 9 | 0 |
| Number of inactive members | 18 | 410 | 8 | 14 | 12 | 14 | 0 |
| Average age of contributing members | 41.2 years | 43.2 years | 39.3 years | 43.3 years | 52.6 years | 39.5 years | 50.1 years |
| Average length of service of contributing members | 14.6 years | 11.0 years | 5.1 years | 8.6 years | 12.1 years | 8.5 years | 8.7 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Waskom | Watauga | Waxahachie | Weatherford | Webster | Weimar | Wellington |
|---|-------------|--------------|--------------|--------------|--------------|-------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$506,559 | \$4,523,039 | \$6,483,863 | \$12,596,563 | \$5,512,692 | \$801,239 | \$553 |
| a. Present Members | 1,933 | 1,742,414 | 5,419,044 | 7,907,679 | 3,865,687 | 481,085 | 141,654 |
| b. Annuitants | 603,390 | 13,783,261 | 18,233,504 | 32,611,592 | 15,101,114 | 2,126,371 | 1,371,866 |
| 2. Current Service Liability (Present Members) | \$1,111,882 | \$20,048,714 | \$30,138,411 | \$53,115,834 | \$24,479,493 | \$3,408,695 | \$1,514,073 |
| 3. Total Actuarial Acrued Liability: (1) + (2) | 782,288 | 14,532,834 | 17,281,743 | 32,648,294 | 15,574,063 | 1,839,622 | 1,237,082 |
| 4. Actuarial value of assets | \$329,594 | \$5,515,880 | \$12,856,668 | \$20,467,540 | \$8,905,430 | \$1,569,073 | \$276,991 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 70.4% | 72.5% | 57.3% | 61.5% | 63.6% | 54.0% | 81.7% |
| 6. Funded Ratio: (4) / (3) | \$646,929 | \$7,530,205 | \$10,796,692 | \$16,389,033 | \$8,175,105 | \$1,021,226 | \$339,373 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.64% | 8.52% | 10.60% | 11.45% | 10.72% | 11.93% | 10.10% |
| Prior Service | 3.11% | 4.47% | 7.27% | 7.63% | 6.66% | 9.39% | 5.52% |
| Total Retirement | 8.75% | 12.99% | 17.87% | 19.08% | 17.38% | 21.32% | 15.62% |
| Supplemental Death | 0.26% | 0.19% | 0.22% | 0.20% | 0.19% | 0.35% | 0.49% |
| Total Rate | 9.01% | 13.18% | 18.09% | 19.28% | 17.57% | 21.67% | 16.11% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 7.01% | 11.71% | 14.28% | 15.65% | 14.81% | 16.31% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | 13.50% | 13.50% | N/A | N/A | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 29 years | 29 years | 29 years | 29 years | 24 years |
| Number of annuitants | 1 | 37 | 68 | 124 | 52 | 17 | 11 |
| Number of active contributing members | 18 | 180 | 218 | 326 | 156 | 25 | 12 |
| Number of inactive members | 9 | 140 | 30 | 114 | 71 | 13 | 8 |
| Average age of contributing members | 45.8 years | 40.0 years | 43.1 years | 41.1 years | 41.9 years | 51.4 years | 54.9 years |
| Average length of service of contributing members | 9.8 years | 7.8 years | 9.3 years | 10.1 years | 9.9 years | 10.5 years | 18.0 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | \$14,066 | \$8,676,987 | \$144,200 | \$338,332 | \$675,171 | \$968,556 | \$298,522 |
| a. Present Members | 29,941 | 2,819,815 | 46,354 | 84,514 | 542,285 | 1,190,826 | 34,670 |
| b. Annuitants | 114,424 | 16,325,171 | 889,453 | 1,941,504 | 2,080,090 | 2,170,467 | 309,784 |
| 2. Current Service Liability (Present Members) | \$158,431 | \$27,821,973 | \$1,080,007 | \$2,364,350 | \$3,297,546 | \$4,329,849 | \$642,976 |
| 3. Total Actuarial Acrued Liability: (1) + (2) | 130,157 | 17,001,070 | 1,001,524 | 2,372,286 | 2,244,802 | 2,183,433 | 325,178 |
| 4. Actuarial value of assets | \$28,274 | \$10,820,903 | \$78,483 | (\$7,936) | \$1,052,744 | \$2,146,416 | \$317,798 |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | 82.2% | 61.1% | 92.7% | 100.3% | 68.1% | 50.4% | 50.6% |
| 6. Funded Ratio: (4) / (3) | \$81,843 | \$9,899,222 | \$569,454 | \$1,322,072 | \$1,371,422 | \$1,155,789 | \$548,094 |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.44% | 11.78% | 5.46% | 5.83% | 9.24% | 11.54% | 7.11% |
| Prior Service | 2.11% | 6.68% | 0.93% | -0.04% | 4.69% | 11.34% | 3.92% |
| Total Retirement | 7.55% | 18.46% | 6.39% | 5.79% | 13.93% | 22.88% | 11.03% |
| Supplemental Death | 0.00% | 0.20% | 0.35% | 0.00% | 0.26% | 0.00% | 0.29% |
| Total Rate | 7.55% | 18.66% | 6.74% | 5.79% | 14.19% | 22.88% | 11.32% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 5.30% | 14.44% | N/A | N/A | 13.26% | 19.53% | N/A |
| Statutory Maximum Rate (Total Retirement Only) | 7.50% | 13.50% | 9.50% | 11.50% | 13.50% | N/A | N/A |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 24 years | 29 years | 29 years | 24 years |
| Number of annuitants | 2 | 75 | 9 | 11 | 14 | 17 | 3 |
| Number of active contributing members | 3 | 282 | 19 | 36 | 27 | 25 | 16 |
| Number of inactive members | 4 | 87 | 6 | 12 | 18 | 8 | 14 |
| Average age of contributing members | 48.7 years | 41.8 years | 45.5 years | 42.9 years | 44.3 years | 46.6 years | 45.7 years |
| Average length of service of contributing members | 8.5 years | 9.6 years | 10.4 years | 8.7 years | 8.6 years | 11.6 years | 7.7 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | | | | | | | |
| b. Annuitants | | | | | | | |
| 2. Current Service Liability (Present Members) | | | | | | | |
| 3. Total Actuarial Acrued Liability: (1) + (2) | | | | | | | |
| 4. Actuarial value of assets | | | | | | | |
| 5. Unfunded/(overfunded) actuarial accrued liability: (3) - (4) | | | | | | | |
| 6. Funded Ratio: (4) / (3) | | | | | | | |
| 7. Annual Payroll | | | | | | | |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | | | | | | | |
| Prior Service | | | | | | | |
| Total Retirement | | | | | | | |
| Supplemental Death | | | | | | | |
| Total Rate | | | | | | | |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | | | | | | | |
| Statutory Maximum Rate (Total Retirement Only) | | | | | | | |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | | | | | | | |
| Number of annuitants | | | | | | | |
| Number of active contributing members | | | | | | | |
| Number of inactive members | | | | | | | |
| Average age of contributing members | | | | | | | |
| Average length of service of contributing members | | | | | | | |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Wichita Falls | Willis | Willow Park | Wills Point | Wilmer | Wimberley | Winderest |
|---|---------------|-------------|-------------|-------------|-------------|------------|-------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$15,164,092 | \$335,367 | \$126,841 | \$1,039,768 | \$4,926 | \$287 | \$897,905 |
| b. Annuitants | 25,422,780 | 234,548 | 0 | 364,339 | 52,671 | 2,211 | 312,555 |
| 2. Current Service Liability (Present Members) | 81,414,330 | 1,164,482 | 113,655 | 1,186,979 | 1,238,410 | 43,954 | 3,235,726 |
| 3. Total Actuarial Liability: (1) + (2) | \$122,001,202 | \$1,734,397 | \$240,496 | \$2,591,086 | \$1,296,007 | \$46,452 | \$4,446,186 |
| 4. Actuarial value of assets | 68,910,226 | 1,257,849 | 34,138 | 1,524,407 | 1,275,092 | 29,091 | 3,441,960 |
| 5. Unfunded (overfunded) actuarial accrued liability: (3) - (4) | \$53,090,976 | \$476,548 | \$206,358 | \$1,066,679 | \$20,915 | \$17,361 | \$1,004,226 |
| 6. Funded Ratio: (4) / (3) | 56.5% | 72.5% | 14.2% | 58.8% | 98.4% | 62.6% | 77.4% |
| 7. Annual Payroll | \$38,272,312 | \$1,306,961 | \$1,602,599 | \$1,092,179 | \$1,271,147 | \$238,313 | \$2,420,533 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 8.01% | 5.03% | 2.39% | 7.13% | 3.70% | 2.09% | 5.74% |
| Prior Service | 8.47% | 2.22% | 0.87% | 5.96% | 0.11% | 0.49% | 2.53% |
| Total Retirement | 16.48% | 7.25% | 3.26% | 13.09% | 3.81% | 2.58% | 8.27% |
| Supplemental Death | 0.25% | 0.24% | 0.16% | 0.34% | 0.15% | 0.44% | 0.24% |
| Total Rate | 16.73% | 7.49% | 3.42% | 13.43% | 3.96% | 3.02% | 8.51% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 13.61% | 5.99% | N/A | 11.36% | N/A | N/A | 7.02% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 10.50% | N/A | N/A | 11.50% | N/A | 10.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 29 years | 24 years | 24 years | 29 years |
| Number of annuitants | 458 | 12 | 0 | 8 | 7 | 1 | 16 |
| Number of active contributing members | 992 | 32 | 46 | 33 | 39 | 6 | 56 |
| Number of inactive members | 223 | 13 | 2 | 20 | 24 | 2 | 34 |
| Average age of contributing members | 44.0 years | 38.6 years | 40.4 years | 40.5 years | 39.4 years | 49.3 years | 44.4 years |
| Average length of service of contributing members | 10.6 years | 7.1 years | 3.2 years | 7.5 years | 6.6 years | 3.4 years | 10.0 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$2,188 | \$364,931 | \$58,017 | \$378,224 | \$499,323 | \$13,725 | \$30,189 |
| b. Annuitants | 25,790 | 570,619 | 171,779 | 220,882 | 44,961 | 0 | 117,125 |
| 2. Current Service Liability (Present Members) | 386,967 | 1,336,811 | 149,111 | 1,331,792 | 1,047,012 | 30,642 | 146,934 |
| 3. Total Actuarial Liability: (1) + (2) | \$414,945 | \$2,272,361 | \$378,907 | \$1,930,898 | \$1,591,296 | \$44,367 | \$294,248 |
| 4. Actuarial value of assets | 389,447 | 1,354,121 | 259,181 | 1,551,828 | 1,138,154 | 43,614 | 243,403 |
| 5. Unfunded (overfunded) actuarial accrued liability: (3) - (4) | \$25,498 | \$918,240 | \$119,726 | \$379,070 | \$453,142 | \$753 | \$50,845 |
| 6. Funded Ratio: (4) / (3) | 93.9% | 59.6% | 68.4% | 80.4% | 71.5% | 98.3% | 82.7% |
| 7. Annual Payroll | \$211,970 | \$1,233,745 | \$165,410 | \$561,326 | \$943,408 | \$35,666 | \$316,935 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.00% | 6.61% | 10.93% | 7.80% | 5.88% | 5.00% | 3.93% |
| Prior Service | 0.81% | 4.54% | 4.42% | 4.12% | 2.93% | 0.38% | 0.98% |
| Total Retirement | 5.81% | 11.15% | 15.35% | 11.92% | 8.81% | 5.38% | 4.91% |
| Supplemental Death | 0.31% | 0.29% | 0.21% | 0.30% | 0.21% | 0.65% | 0.29% |
| Total Rate | 6.12% | 11.44% | 15.56% | 12.22% | 9.02% | 6.03% | 5.20% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 8.99% | 12.35% | 8.68% | 7.09% | N/A | 3.79% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 11.50% | 13.50% | 11.50% | 9.50% | N/A | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 29 years | 7 years | 29 years |
| Number of annuitants | 3 | 21 | 2 | 8 | 2 | 0 | 4 |
| Number of active contributing members | 6 | 35 | 5 | 18 | 27 | 1 | 10 |
| Number of inactive members | 0 | 22 | 2 | 25 | 8 | 1 | 1 |
| Average age of contributing members | 41.4 years | 44.7 years | 44.8 years | 42.3 years | 38.6 years | 61.5 years | 48.9 years |
| Average length of service of contributing members | 10.3 years | 6.5 years | 5.3 years | 8.4 years | 7.2 years | 0.9 years | 5.7 years |
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$2,188 | \$364,931 | \$58,017 | \$378,224 | \$499,323 | \$13,725 | \$30,189 |
| b. Annuitants | 25,790 | 570,619 | 171,779 | 220,882 | 44,961 | 0 | 117,125 |
| 2. Current Service Liability (Present Members) | 386,967 | 1,336,811 | 149,111 | 1,331,792 | 1,047,012 | 30,642 | 146,934 |
| 3. Total Actuarial Liability: (1) + (2) | \$414,945 | \$2,272,361 | \$378,907 | \$1,930,898 | \$1,591,296 | \$44,367 | \$294,248 |
| 4. Actuarial value of assets | 389,447 | 1,354,121 | 259,181 | 1,551,828 | 1,138,154 | 43,614 | 243,403 |
| 5. Unfunded (overfunded) actuarial accrued liability: (3) - (4) | \$25,498 | \$918,240 | \$119,726 | \$379,070 | \$453,142 | \$753 | \$50,845 |
| 6. Funded Ratio: (4) / (3) | 93.9% | 59.6% | 68.4% | 80.4% | 71.5% | 98.3% | 82.7% |
| 7. Annual Payroll | \$211,970 | \$1,233,745 | \$165,410 | \$561,326 | \$943,408 | \$35,666 | \$316,935 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 5.00% | 6.61% | 10.93% | 7.80% | 5.88% | 5.00% | 3.93% |
| Prior Service | 0.81% | 4.54% | 4.42% | 4.12% | 2.93% | 0.38% | 0.98% |
| Total Retirement | 5.81% | 11.15% | 15.35% | 11.92% | 8.81% | 5.38% | 4.91% |
| Supplemental Death | 0.31% | 0.29% | 0.21% | 0.30% | 0.21% | 0.65% | 0.29% |
| Total Rate | 6.12% | 11.44% | 15.56% | 12.22% | 9.02% | 6.03% | 5.20% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 8.99% | 12.35% | 8.68% | 7.09% | N/A | 3.79% |
| Statutory Maximum Rate (Total Retirement Only) | N/A | 11.50% | 13.50% | 11.50% | 9.50% | N/A | 7.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 24 years | 29 years | 29 years | 29 years | 29 years | 7 years | 29 years |
| Number of annuitants | 3 | 21 | 2 | 8 | 2 | 0 | 4 |
| Number of active contributing members | 6 | 35 | 5 | 18 | 27 | 1 | 10 |
| Number of inactive members | 0 | 22 | 2 | 25 | 8 | 1 | 1 |
| Average age of contributing members | 41.4 years | 44.7 years | 44.8 years | 42.3 years | 38.6 years | 61.5 years | 48.9 years |
| Average length of service of contributing members | 10.3 years | 6.5 years | 5.3 years | 8.4 years | 7.2 years | 0.9 years | 5.7 years |



Actuarial Valuation of Participating Municipalities

CONTINUED

| | Woodville | Woodway | Wortham | Wylie | Y oakum | Yorktown | Zavalla |
|---|-------------|--------------|------------|--------------|--------------|------------|------------|
| SUMMARY OF ACTUARIAL INFORMATION | | | | | | | |
| 1. Prior Service Liability | | | | | | | |
| a. Present Members | \$597,140 | \$2,280,314 | \$33,595 | \$6,085,848 | \$2,550,216 | \$0 | \$100,319 |
| b. Annuitants | 319,621 | 1,082,747 | 0 | 1,239,781 | 1,897,161 | 118,470 | 0 |
| 2. Current Service Liability (Present Members) | 2,018,579 | 6,808,782 | 173,370 | 14,401,545 | 8,247,732 | 469,120 | 305,921 |
| 3. Total Actuarial Accrued Liability: (1) + (2) | \$2,935,340 | \$10,171,843 | \$206,965 | \$21,727,174 | \$12,695,109 | \$587,590 | \$406,240 |
| 4. Actuarial value of assets | 2,075,682 | 6,587,357 | 272,037 | 13,646,332 | 8,014,458 | 474,449 | 336,541 |
| 5. Unfunded (overfunded) actuarial accrued liability: (3) - (4) | \$859,658 | \$3,584,486 | (\$65,072) | \$8,080,842 | \$4,680,651 | \$113,141 | \$69,699 |
| 6. Funded Ratio: (4) / (3) | 70.7% | 64.8% | 131.4% | 62.8% | 63.1% | 80.7% | 82.8% |
| 7. Annual Payroll | \$1,093,463 | \$3,378,204 | \$249,357 | \$12,063,784 | \$2,937,548 | \$397,943 | \$274,506 |
| CITY CONTRIBUTION RATES FOR 2010 | | | | | | | |
| Retirement | | | | | | | |
| Normal Cost | 10.44% | 10.22% | 5.27% | 8.48% | 10.80% | 2.97% | 6.06% |
| Prior Service | 4.80% | 6.48% | -1.76% | 4.09% | 9.73% | 1.93% | 1.55% |
| Total Retirement | 15.24% | 16.70% | 3.51% | 12.57% | 20.53% | 4.90% | 7.61% |
| Supplemental Death | 0.22% | 0.16% | 0.08% | 0.15% | 0.31% | 0.48% | 0.00% |
| Total Rate | 15.46% | 16.86% | 3.59% | 12.72% | 20.84% | 5.38% | 7.61% |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | 13.78% | 13.40% | N/A | 10.95% | 16.36% | N/A | 7.19% |
| Statutory Maximum Rate (Total Retirement Only) | 13.50% | 13.50% | 12.50% | 13.50% | N/A | 7.50% | 9.50% |
| ADDITIONAL INFORMATION | | | | | | | |
| Amortization period as of 1/2010 | 29 years | 29 years | 24 years | 29 years | 29 years | 24 years | 29 years |
| Number of annuitants | 8 | 24 | 1 | 36 | 40 | 11 | 0 |
| Number of active contributing members | 33 | 72 | 8 | 207 | 81 | 14 | 10 |
| Number of inactive members | 9 | 45 | 16 | 91 | 34 | 15 | 2 |
| Average age of contributing members | 40.5 years | 38.4 years | 37.2 years | 38.8 years | 43.0 years | 48.1 years | 44.1 years |
| Average length of service of contributing members | 8.7 years | 7.4 years | 5.8 years | 7.9 years | 12.7 years | 9.6 years | 10.1 years |



Notes