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**BOROUGH OF SWARTHMORE  
POLICE PENSION PLAN  
DELAWARE COUNTY, PENNSYLVANIA**

**AUDITED FINANCIAL STATEMENTS**

**DECEMBER 31, 2018**

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BOROUGH OF SWARTHMORE POLICE PENSION PLAN

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## INDEPENDENT AUDITOR'S REPORT

April 18, 2019

Members of Council  
Borough of Swarthmore  
Swarthmore, Pennsylvania

### Report on the Financial Statements

We have audited the accompanying financial statements of the Borough of Swarthmore Police Pension Plan ("the Plan"), Swarthmore, Pennsylvania, which comprise the statement of plan net position - modified cash basis as of December 31, 2018, the related statement of changes in plan net position - modified cash basis for the year then ended, and the related notes to the financial statements.

### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with the modified cash basis of accounting as described in Note 2; this includes determining that the modified cash basis of accounting is an acceptable basis for the preparation of the financial statements in the circumstances. Management is also responsible for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

Members of Council  
Borough of Swarthmore

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the plan net position of the Borough of Swarthmore Police Pension Plan, Swarthmore, Pennsylvania, as of December 31, 2018, and the changes in plan net position for the year ended in conformity with the modified cash basis of accounting as described in Note 2.

#### Basis of Accounting

We draw attention to Note 2 of the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

#### Emphasis of Matter

As discussed in Note 1, the financial statements present only the Plan and are not intended to present fairly the financial position and results of operations of the Borough of Swarthmore, Swarthmore, Pennsylvania, in conformity with the modified cash basis of accounting. Our opinion is not modified with respect to this matter.

#### Other Matters

##### *Other Information*

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Plan's basic financial statements. The supplementary information on pages 11 - 13 are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The supplementary information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supplementary information is fairly stated in all material respects in relation to the basic financial statements as a whole on the basis of accounting described in Note 2.

*Barbacane, Thornton & Company LLP*  
BARBACANE, THORNTON & COMPANY LLP

**BOROUGH OF SWARTHMORE POLICE PENSION PLAN  
STATEMENT OF PLAN NET POSITION - MODIFIED CASH BASIS  
DECEMBER 31, 2018**

ASSETS

Cash and cash equivalents	\$ 66,268
Payroll withholdings due from Borough of Swarthmore	9,797
Investments at fair value:	
Mutual funds	<u>5,229,881</u>
 TOTAL ASSETS	 5,305,946

LIABILITIES AND NET POSITION

Liabilities	<u>-</u>
 NET POSITION HELD IN TRUST FOR PENSION BENEFITS	 <u><u>\$ 5,305,946</u></u>

The accompanying notes are an integral part of these financial statements.

**BOROUGH OF SWARTHMORE POLICE PENSION PLAN  
STATEMENT OF CHANGES IN PLAN NET POSITION - MODIFIED CASH BASIS  
FOR THE YEAR ENDED DECEMBER 31, 2018**

ADDITIONS

Contributions:		
Employer contribution	\$	243,982
Employee contribution		38,390
State allocation		70,988
Total Contributions		353,360
Investment Loss:		
Net decrease in fair value of investments		(445,439)
Interest		136,049
Investment Income		(309,390)
Less: Investment Expense		(68,113)
Net Investment Loss		(377,503)
TOTAL ADDITIONS		(24,143)
<u>DEDUCTIONS</u>		
Benefits paid		354,395
TOTAL DEDUCTIONS		354,395
CHANGE IN PLAN NET POSITION		(378,538)
NET POSITION HELD IN TRUST FOR PENSION BENEFITS:		
BEGINNING OF YEAR		5,684,484
END OF YEAR	\$	5,305,946

The accompanying notes are an integral part of these financial statements.

BOROUGH OF SWARTHMORE POLICE PENSION PLAN

NOTES TO FINANCIAL STATEMENTS

NOTE 1 DESCRIPTION OF PLAN

General

The Borough of Swarthmore Police Pension Plan (“the Plan”) is a single-employer defined benefit pension plan. The Plan is subject to the funding and reporting requirements of the Pennsylvania Municipal Pension Plan Funding Standard and Recovery Act (Act 205 of 1984), Act 600, and the Collective Bargaining Agreement. The Plan is governed by Borough Council, which is responsible for the management of plan assets. Benefit provisions have been established through collective bargaining.

Plan Membership

Actuarial valuation report Form 201C, filed with the Public Employee Retirement Commission and dated as of January 1, 2017, disclosed that pension plan membership consisted of:

Active employees	8
Retirees and beneficiaries currently receiving benefits	7
Terminated employees entitled to benefits which are currently deferred	—
TOTAL	<u>15</u>

Of the active members, seven are fully vested and two are nonvested.

Benefit Provisions

Actuarial valuation report Form 201C, filed with the Public Employee Retirement Commission and dated as of January 1, 2017, disclosed that the pension plan benefit provisions are as follows:

The Plan covers all full-time Borough police officers as of the date of hire. The Plan provides retirement, disability, and death benefits to plan members and their beneficiaries.

Retirement benefits vest after 12 or more years of service to the Borough. A plan member is eligible to receive normal retirement benefits upon reaching age 55 and 25 years of service at termination. The monthly normal retirement benefit is equal to 50 percent of the final 36-month average compensation plus a Service Increment Benefit. A Service Increment Benefit is equal to \$100 per month of pension benefit for each year of completed service in excess of 25 years of service, to the maximum allowable benefit under Act 89 of 2005 of \$500 per month for an additional five years of service. Early retirement is available after 20 or more years of service at

BOROUGH OF SWARTHMORE POLICE PENSION PLAN

NOTES TO FINANCIAL STATEMENTS

NOTE 1 DESCRIPTION OF PLAN (cont'd)

termination. The amount of immediate monthly pension is the amount of the deferred monthly pension actuarially reduced to reflect early commencement of benefits. The deferred monthly pension is a percentage of the participant's final 36-month average salary and is payable commencing at the member's projected normal retirement date. The percentage is equal to 50 percent multiplied by the ratio of the participant's service at termination to projected service at normal retirement.

If disablement prevents participation from continuing as a Borough police officer, the member receives a monthly pension equal to 75 percent of the final 36-month average compensation. If disablement prevents any gainful employment and if the member qualifies for Social Security Disability benefits, the member receives a monthly pension equal to 100 percent of the final 36-month average compensation less 50 percent of Social Security benefit.

Surviving un-remarried spouses (or children while under age 18, if no eligible spouse) of a participant who (a) dies after retirement or before retirement but after having met the age and service requirements for normal retirement or (b) is killed in service regardless of age or service are entitled to benefits. The amount of benefit, calculated as 50 percent of the pension the participant was receiving or was eligible to receive, is continued to the spouse or children, except, if the participant was killed in service, the survivor pension equals 100 percent of the participant's salary at time of death.

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements of the Plan are prepared on the modified cash basis of accounting. This basis recognizes assets, liabilities, net position, revenues, and expenses when they result from cash transactions. Investments are recognized at fair value. This basis is a comprehensive basis of accounting other than accounting principles generally accepted in the United States of America. As a result of the use of this modified cash basis of accounting, certain assets and their related revenues (such as accounts receivable from parties other than the Borough of Swarthmore), and certain liabilities and their related expenses (such as accounts payable) are not recorded in these financial statements. Amounts due from the Borough of Swarthmore are reflected as receivables because they represent interfund activity within the Borough.

If the Plan utilized the basis of accounting recognized as generally accepted, the financial statements would use the accrual basis of accounting, and additional disclosures and supplementary information would be required to be presented.



BOROUGH OF SWARTHMORE POLICE PENSION PLAN

NOTES TO FINANCIAL STATEMENTS

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (cont'd)

Use of Estimates

The preparation of financial statements in conformity with the modified cash basis of accounting requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

Method Used to Value Investments

Investments are reported at fair value.

In establishing the fair value of investments, the Plan uses the following hierarchy. The lowest level of valuation available is used for all investments.

*Level 1* – Valuations based on quoted market prices in active markets for identical assets or liabilities that the entity has the ability to access.

*Level 2* – Valuations based on quoted prices of similar products in active markets or identical products in markets that are not active or for which all significant inputs are observable, directly or indirectly.

*Level 3* – Valuations based on inputs that are unobservable and significant to the overall fair value measurement.

Deposits and Investments

***Deposits***

Custodial Credit Risk

Custodial credit risk is the risk that in the event of a bank failure, the government's deposits may not be returned. At December 31, 2018, the carrying amount of the Plan's deposits was \$66,268, which is equal to the deposits in a money market fund held by the Trustees of the Plan in the Borough's name. None of this balance was subject to custodial credit risk.

***Investments***

The investment objective of the Plan is to maintain a balanced portfolio comprised of money market funds, equity, and fixed income.

BOROUGH OF SWARTHMORE POLICE PENSION PLAN

NOTES TO FINANCIAL STATEMENTS

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (cont'd)

As of December 31, 2018, the Plan had the following investments:

	Fair Value	Level 1
Mutual funds - fixed income	\$ 1,494,308	\$ 1,494,308
Mutual funds - international fixed income	354,307	354,307
Mutual funds - equity	2,091,959	2,091,959
Mutual funds - international equity	1,189,456	1,189,456
Mutual funds - stable value	99,851	99,851
Total	\$ 5,229,881	\$ 5,229,881

Investments in external investment pools, such as those in mutual funds, are disclosed but not subject to interest rate, custodial, credit, or concentration risks because they are not evidenced by securities that exist in physical or book entry form.

Contributions

The Borough Council establishes and may amend the contribution requirements of plan members through annual resolution. For the year ended December 31, 2018, plan members were required to contribute 5.0 percent of compensation to the Plan. The Commonwealth of Pennsylvania Act 205 ("Act 205") requires that annual contributions be based upon the minimum municipal obligation ("MMO"). The MMO is based upon the Plan's biennial actuarial valuation. The Borough utilizes state aid to fund its obligation. Any remaining liability with respect to funding the Plan, after utilizing state aid, must be paid by the Borough.

Administrative Costs

Administrative costs, including the investment manager, custodial trustee, and actuarial services, are paid directly by the Plan.

Actuarial Methods and Assumptions

The required contribution was determined as part of the January 1, 2017 actuarial valuation using the entry age normal actuarial cost method. The actuarial assumptions included (a) a 7.75 percent investment rate of return (net of administrative expenses) and (b) projected salary increases due to inflation of 5.0 percent per year, compounded annually. The actuarial value of assets was determined using the actuarial value of assets as of the last valuation date plus non-investment increases, less non-investment decreases since the last valuation date plus interest credited at the last valuation's assumed interest rate assuming non-investment increases and decreases occur at the mid-point between the last and current valuation date. The

BOROUGH OF SWARTHMORE POLICE PENSION PLAN

NOTES TO FINANCIAL STATEMENTS

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (cont'd)

actuarial value of assets as determined under one will be limited to a maximum of 115 percent and a minimum of 85 percent of the fair market value of assets as of the current valuation date. The unfunded actuarial accrued liability is being amortized as a level percentage of projected payrolls on a level dollar closed basis. The remaining amortization period was 15 years.

Funding Progress

As of the January 1, 2017 actuarial valuation, the value of the assets in the Plan was \$4,737,123; the actuarial accrued liability ("AAL") was \$6,016,290; and the unfunded actuarial accrued liability ("UAAL") was \$1,279,167, representing a funded ratio of 78.74 percent. The covered payroll was \$880,894; and the ratio of UAAL to the covered payroll was 145.21 percent.

The schedule of funding progress presented as supplementary information immediately following the notes to the financial statements presents multiyear trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the AAL for benefits.

NOTE 3 CONTRIBUTIONS REQUIRED AND CONTRIBUTIONS MADE

Act 205

On December 13, 1984, Act 205 was passed into law and is known as the Municipal Pension Plan Funding Standard and Recovery Act. The Act mandates actuarial funding standards, establishes a recovery program for financially distressed pension systems, and provides for the distribution of the tax on the premiums of foreign fire insurance companies in the form of an annual allocation from the General Municipal Pension State Aid Program.

Funding Sources

The Plan may receive an annual allocation from the General Municipal Pension System State Aid Program. Active members are required to contribute five percent of their monthly compensation or such rate as set by resolution of the Borough Council.

Any remaining liability with respect to funding the Plan, after utilizing state aid and member contributions, must be paid by the Borough.

Contributions Required

Act 205 requires the chief administrative officer of the Plan to determine the contribution required to be made to the Plan for the ensuing year by the last day in September, annually.

BOROUGH OF SWARTHMORE POLICE PENSION PLAN

NOTES TO FINANCIAL STATEMENTS

NOTE 3 CONTRIBUTIONS REQUIRED AND CONTRIBUTIONS MADE (cont'd)

The minimum funding requirements of Act 205 are based on the results of the most recent biennial actuarial report available to the chief administrative officer updated to reflect changes in payroll and expenses since the last available actuarial valuation report. The Act also allows for a funding adjustment equal to 10 percent of the amount by which the actuarial value of assets exceed the actuarial accrued liability.

Contributions required are estimates prepared by municipal officials that may contain immaterial errors which will not affect the long-term funding of the Plan. Generally, contributions made should equal or exceed the calculated contributions required. When actual state aid received is less than estimated, a funding deviation results, as defined by the regulations of the Public Employee Retirement Study Commission. These immaterial errors and funding deviations will be corrected through the preparation of future actuarial valuation reports.

Historical trend information designed to provide information about the Plan's progress made in accumulating sufficient assets to pay benefits when due is presented as supplementary information in this report.

NOTE 4 PLAN TERMINATION

In the event that the Plan terminates, the participants who have retired under its provisions will be entitled to first claim of the assets of the fund, and any balance of the assets will be distributed among all other participants according to a formula to be developed by the Police Pension Committee and approved by the Borough Council.

NOTE 5 ACT 44 DEFERRED RETIREMENT OPTION PROGRAM ("DROP")

An active member who has met the eligibility requirements for normal retirement may elect to participate in the DROP for a period of up to 48 months. The monthly pension shall be calculated as of the date of participation in the DROP. The DROP plan account balance is distributed to the member in a lump sum at the termination of the DROP.

As of December 31, 2018, there were two members participating in the DROP, and the balance of the DROP account was \$99,851. The balance of the DROP is invested in stable value mutual funds.

NOTE 6 SUBSEQUENT EVENTS

The Plan has evaluated all subsequent events through April 18, 2019, the date the financial statements were available to be issued.

**SUPPLEMENTARY INFORMATION**

**BOROUGH OF SWARTHMORE POLICE PENSION PLAN**

**SUPPLEMENTARY INFORMATION**

**SCHEDULE OF FUNDING PROGRESS**

Ten-year historical trend information about the Plan is presented herewith as supplementary information. It is intended to help users assess the Plan's funding status on a going-concern basis, assess progress made in accumulating assets to pay benefits when due, and make comparisons with other state and local government retirement systems.

The ten-year historical trend information (beginning with the January 1, 2009 valuation) is as follows:

	(1)	(2)	(3)	(4)	(5)	(6)
<b>Actuarial Valuation Date</b>	<b>Net Assets Available for Benefits</b>	<b>Pension Obligation Benefit</b>	<b>(Overfunded) Unfunded Pension Benefit Obligation (2)-(1)</b>	<b>Percentage Funded (1)/(2)</b>	<b>Annual Covered Payroll</b>	<b>(Overfunded) Unfunded Pension Benefit Obligation as a Percentage of Covered Payroll (3)/(5)</b>
1/1/09	2,491,695	3,773,230	1,281,535	66.04%	752,276	170.35%
1/1/10	*	*	*	*	*	*
1/1/11	2,756,653	4,131,669	1,375,016	66.72%	804,919	170.83%
1/1/12	*	*	*	*	*	*
1/1/13	3,198,212	4,656,033	1,457,821	68.69%	840,800	173.38%
1/1/14	*	*	*	*	*	*
1/1/15	3,878,274	5,206,351	1,328,257	74.49%	921,775	144.10%
1/1/16	*	*	*	*	*	*
1/1/17	4,737,123	6,016,290	1,279,167	78.74%	880,894	145.21%
1/1/18	*	*	*	*	*	*

\* Information not available due to the actuarial valuations biennially required by Act 205.

The comparability of trend information is affected by changes in actuarial assumptions, benefit provisions, actuarial funding methods, accounting policies, and other changes. Those changes usually affect trends in contribution requirements and in ratios that use the pension benefit obligation as a factor.

BOROUGH OF SWARTHMORE POLICE PENSION PLAN

SUPPLEMENTARY INFORMATION

SCHEDULE OF ANNUAL REQUIRED CONTRIBUTIONS

<b>Year Ended December 31</b>	<b>Annual Required Contribution</b>	<b>Percentage Contributed</b>
2009	88,684	100.0%
2010	92,480	100.0%
2011	208,821	100.0%
2012	205,002	100.0%
2013	255,614	100.0%
2014	295,388	100.0%
2015	296,783	100.0%
2016	312,085	100.0%
2017	304,995	100.2%
2018	314,970	100.0%

BOROUGH OF SWARTHMORE POLICE PENSION PLAN

SUPPLEMENTARY INFORMATION

NOTES TO SUPPLEMENTARY SCHEDULES

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

Actuarial valuation date	January 1, 2017
Actuarial cost method	Entry age normal
Amortization method	Level Percentage Closed
Amortization period	15 Years
Asset valuation method	Limited to the maximum of 115% and a minimum of 85% of the fair market value of assets
Actuarial assumptions:	
Investment rate of return	7.75% per annum
Projected salary increases	5% per annum
Includes inflation	None
Cost-of-living adjustments	A participant's initial pension is subject to annual cost-of-living increases. A participant's ultimate pension cannot exceed the lesser of (a) 130% of the participant's initial pension and (b) 75% of the salary upon which the participant's initial pension was based.