

Audited Schedule of Pension Amounts

West Virginia State Police Retirement System
Administered by
The West Virginia Consolidated Public Retirement Board

As of and for the Year Ended June 30, 2017



West Virginia State Police Retirement System
Audited Schedule of Pension Amounts
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INDEPENDENT AUDITOR'S REPORT

To the Members of the
West Virginia Consolidated Public Retirement Board
Charleston, West Virginia

Report on the Schedule

We have audited the total pension asset (liability), fiduciary net position, net pension asset (liability), total deferred outflows of resources, total deferred inflows of resources, and total pension expense excluding that attributable to employer-paid member contributions included in the accompanying schedule of pension amounts of the West Virginia State Police Retirement System, administered by the West Virginia Consolidated Public Retirement Board, as of and for the year ended June 30, 2017, and the related notes.

Management's Responsibility for the Schedule

Management is responsible for the preparation and fair presentation of the schedule in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the schedule that is free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

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

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An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the schedule of pension amounts. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the schedule of pension amounts, 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 schedule of pension amounts 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 schedule of pension amounts.

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 schedule referred to above presents fairly, in all material respects, the total pension asset (liability), fiduciary net position, net pension asset (liability), total deferred outflows of resources, total deferred inflows of resources, and total pension expense excluding that attributable to employer-paid member contributions for the West Virginia State Police Retirement System, as of and for the year ended June 30, 2017, in accordance with accounting principles generally accepted in the United States of America.

Other Matter

We have audited, in accordance with auditing standards generally accepted in the United States of America, the financial statements of the West Virginia Consolidated Public Retirement Board as of and for the year ended June 30, 2017, and our report thereon dated October 13, 2017, expressed an unmodified opinion on those financial statements.

Restrictions on Use

Our report is intended solely for the information and use of the West Virginia Consolidated Public Retirement Board, the West Virginia State Police Retirement System's participating employer and their auditor and is not intended to be used by anyone other than these specified parties.



Charleston, West Virginia
June 13, 2018

WEST VIRGINIA STATE POLICE RETIREMENT SYSTEM
Schedule Of Pension Amounts
As of and the Year Ended June 30, 2017

Total Pension Asset (Liability)	Fiduciary Net Position	Net Pension Asset (Liability)	Change in Assumptions	Deferred Outflows of Resources		Deferred Inflows of Resources			Pension Expense Excluding that Attributable to Employer-Paid Member Contributions
				Differences Between Expected and Actual Experience	Total Deferred Outflows of Resources	Net Difference Between Projected and Actual Investment Earnings on Pension Plan Investments	Differences Between Expected and Actual Experience	Total Deferred Inflows of Resources	
\$ (173,248,000)	\$ 166,688,000	\$ (6,560,000)	\$ 9,983,000	\$ 1,278,000	\$ 11,261,000	\$ (3,577,000)	\$ (814,000)	\$ (4,391,000)	\$ 3,782,000

WEST VIRGINIA STATE POLICE RETIREMENT SYSTEM

NOTES TO SCHEDULE OF PENSION AMOUNTS

1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Introduction - The Government Accounting Standards Board (GASB) Statement No. 68, *Accounting and Financial Reporting for Pensions*, establishes financial reporting requirements for governments that provide employees with pension benefits. GASB Statement No. 68 requires governmental employers to recognize pension expense and related net pension liability and/or a net pension asset as employees earn pension benefits.

Basis of Accounting - The schedule of pension amounts of the West Virginia State Police Retirement System (the Plan) have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP) as applied to governmental units. The GASB is the accepted standard setting body for establishing governmental accounting and financial reporting principles for governmental units.

Accounting Estimates - The preparation of the schedule of pension amounts in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of the total pension liability, fiduciary net position, net pension asset, deferred inflows of resources, deferred outflows of resources, and pension expense as of the measurement date. Actual amounts could differ from those estimates.

Measurement Date - Total pension liability, net pension asset, deferred inflows of resources, deferred outflows of resources, and pension expense were determined by actuarial valuations as of July 1, 2016 rolled forward to June 30, 2017, which is the measurement date.

2 - AMORTIZATION

The net difference between projected and actual investment earnings on pension plan investments is amortized over a five year period. All other deferred outflows of resources and deferred inflows of resources relating to pension amounts reported in these schedules are amortized and included in pension expense over the average remaining service life of 9.26 years.

WEST VIRGINIA STATE POLICE RETIREMENT SYSTEM

NOTES TO SCHEDULE OF PENSION AMOUNTS
(Continued)**2 - AMORTIZATION (Continued)**

Amortization of Differences between Projected and Actual Earnings (in thousands, excluding the recognition period):

<u>Measurement date June 30</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>	<u>Total</u>
Amount	\$ (10,253)	\$ 4,364	\$ 10,105	\$ (11,670)			
Recognition period (years)	5.00	5.00	5.00	5.00			
Amount recognized in							
fiscal year:							
2014	\$ (2,051)	\$ -	\$ -	\$ -	\$ -	\$ (2,051)	\$ (2,051)
2015	(2,051)	873	-	-	873	(2,051)	(1,178)
2016	(2,051)	873	2,021	-	2,894	(2,051)	843
2017	(2,051)	873	2,021	(2,334)	2,894	(4,385)	(1,491)
2018	(2,049)	873	2,021	(2,334)	2,894	(4,383)	(1,489)
2019	-	872	2,021	(2,334)	2,893	(2,334)	559
2020	-	-	2,021	(2,334)	2,021	(2,334)	(313)
2021	-	-	-	(2,334)	-	(2,334)	(2,334)
Balance as of June 30:							
2014	\$ (8,202)	\$ -	\$ -	\$ -	\$ -	\$ (8,202)	\$ (8,202)
2015	(6,151)	3,491	-	-	3,491	(6,151)	(2,660)
2016	(4,100)	2,618	8,084	-	10,702	(4,100)	6,602
2017	(2,049)	1,745	6,063	(9,336)	7,808	(11,385)	(3,577)
2018	-	872	4,042	(7,002)	4,914	(7,002)	(2,088)
2019	-	-	2,021	(4,668)	2,021	(4,668)	(2,647)
2020	-	-	-	(2,334)	-	(2,334)	(2,334)

WEST VIRGINIA STATE POLICE RETIREMENT SYSTEM

NOTES TO SCHEDULE OF PENSION AMOUNTS
(Continued)**2 - AMORTIZATION (Continued)**

Amortization of Differences between Expected and Actual Liability Experience (in thousands, excluding the recognition period):

<u>Measurement date June 30</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>	<u>Total</u>
Amount	\$ (201)	\$ 1,636	\$ (765)			
Recognition period (years)	9.00	9.18	9.26			
Amount recognized in						
fiscal year:						
2015	\$ (23)	\$ -	\$ -	\$ -	\$ (23)	\$ (23)
2016	(23)	179	-	179	(23)	156
2017	(23)	179	(83)	179	(106)	73
2018	(23)	179	(83)	179	(106)	73
2019	(23)	179	(83)	179	(106)	73
2020	(23)	179	(83)	179	(106)	73
2021	(23)	179	(83)	179	(106)	73
2022	(23)	179	(83)	179	(106)	73
2023	(17)	179	(83)	179	(100)	79
2024	-	179	(83)	179	(83)	96
2025	-	25	(83)	25	(83)	(58)
2026	-	-	(18)	-	(18)	(18)
Balance as of June 30:						
2015	\$ (178)	\$ -	\$ -	\$ -	\$ (178)	\$ (178)
2016	(155)	1,457	-	1,457	(155)	1,302
2017	(132)	1,278	(682)	1,278	(814)	464
2018	(109)	1,099	(599)	1,099	(708)	391
2019	(86)	920	(516)	920	(602)	318
2020	(63)	741	(433)	741	(496)	245
2021	(40)	562	(350)	562	(390)	172
2022	(17)	383	(267)	383	(284)	99
2023	-	204	(184)	204	(184)	20
2024	-	25	(101)	25	(101)	(76)
2025	-	-	(18)	-	(18)	(18)

WEST VIRGINIA STATE POLICE RETIREMENT SYSTEM

NOTES TO SCHEDULE OF PENSION AMOUNTS
(Continued)**2 - AMORTIZATION (Continued)**Changes in Assumptions (in thousands, excluding the recognition period):

<u>Measurement date June 30</u>	<u>2017</u>	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>	<u>Total</u>
Amount	\$ 11,192			
Recognition period (years)	9.26			
Amount recognized in				
fiscal year:				
2017	\$ 1,209	\$ 1,209	\$ -	\$ 1,209
2018	1,209	1,209	-	1,209
2019	1,209	1,209	-	1,209
2020	1,209	1,209	-	1,209
2021	1,209	1,209	-	1,209
2022	1,209	1,209	-	1,209
2023	1,209	1,209	-	1,209
2024	1,209	1,209	-	1,209
2025	1,209	1,209	-	1,209
2026	311	311	-	311
Balance as of June 30:				
2017	\$ 9,983	\$ 9,983	\$ -	\$ 9,983
2018	8,774	8,774	-	8,774
2019	7,565	7,565	-	7,565
2020	6,356	6,356	-	6,356
2021	5,147	5,147	-	5,147
2022	3,938	3,938	-	3,938
2023	2,729	2,729	-	2,729
2024	1,520	1,520	-	1,520
2025	311	311	-	311

WEST VIRGINIA STATE POLICE RETIREMENT SYSTEM

NOTES TO SCHEDULE OF PENSION AMOUNTS

(Continued)

3 – SENSITIVITY OF THE NET PENSION LIABILITY TO CHANGE IN THE DISCOUNT RATE

<u>Sensitivity of Discount Rate</u>	<u>1% Decrease (6.5%)</u>	<u>Current Discount Rate (7.5%)</u>	<u>1% Increase (8.5%)</u>
Total net pension asset (liability)	<u>\$ (38,354,000)</u>	<u>\$ (6,560,000)</u>	<u>\$ 18,846,000</u>