

Maryland Transit Administration Pension Plan

GASB Statement Nos. 67 and 68 Accounting and Financial
Reporting for Pensions
June 30, 2025





October 24, 2025

Ms. Laurie M. Brown
Deputy Chief Financial Officer
Maryland Transit Administration
6 St. Paul Street, Suite 841
Baltimore, Maryland 21202

Dear Ms. Brown:

This report provides information on behalf of the Maryland Transit Administration (MTA) Pension Plan that is intended to comply with Governmental Accounting Standards Board (GASB) Statement Nos. 67 and 68 for the MTA. These calculations have been made on a basis that is consistent with our understanding of these Statements.

GASB Statement No. 67 is the accounting standard that applies to the stand-alone financial reports issued by retirement systems. GASB Statement No. 68 establishes accounting and financial reporting for state and local government employers who provide their employees (including former employees) pension benefits through a trust.

The calculation of the liability associated with the benefits described in this report was performed for the purpose of providing reporting and disclosure information that satisfies the requirements of GASB Statement Nos. 67 and 68. The calculation of the plan's liability for this report is not applicable for funding purposes of the plan.

A calculation of the plan's liability for purposes other than satisfying the requirements of GASB Statement Nos. 67 and 68 may produce significantly different results. This report may be provided to parties other than the MTA only in its entirety and only with the permission of the MTA and the Board. GRS is not responsible for unauthorized use of this report.

The Net Pension Liability is not an appropriate measure for measuring the sufficiency of plan assets to cover the estimated cost of settling the employer's benefit obligation, nor is it an appropriate measure for assessing the need for or amount of future employer contributions.

This report is based upon information, provided to us by the MTA, concerning retirement and ancillary benefits, active members, deferred vested members, retirees and beneficiaries, and financial data. This information was checked for internal consistency, but it was not audited. We are not responsible for the accuracy or completeness of the information provided by the MTA.

This report complements the actuarial valuation report that was provided to the Maryland Transit Administration Pension Plan and should be considered in conjunction with that report. Please see the actuarial valuation report as of July 1, 2025 for additional discussion of the nature of actuarial calculations and more information related to participant data, economic and demographic assumptions, and benefit provisions.

The actuarial assumptions in this report are the same as those used in the June 30, 2025 actuarial valuation with the following exceptions:

- The actuarial cost method is the Entry-age Normal Cost method, as required by GASB.
- Projected benefits for purposes of calculating the Single Discount Rate (SDR) and resulting liabilities in this report included an assumed Cost-of-Living Adjustment (COLA) of 2.00%.

Actuarial assumptions were last reviewed in the Experience Study report dated July 20, 2023 covering the 4-year period from July 1, 2018 through June 30, 2022, which includes the rationale for the assumptions. The increase in the Single Discount Rate (SDR) from 5.35% to 6.08% was reflected as an assumption change in this report and decreased the Total Pension Liability by approximately \$116.6M.

This report was prepared using our proprietary valuation model and related software which, in our professional judgment, has the capability to provide results that are consistent with the purposes of the valuation and has no material limitations or known weaknesses. We performed tests to ensure that the model reasonably represents that which is intended to be modeled.

To the best of our knowledge, the information contained within this report is accurate and fairly represents the actuarial position of the Maryland Transit Administration Pension Plan. All calculations have been made in conformity with generally accepted actuarial principles and practices as well as with the Actuarial Standards of Practice issued by the Actuarial Standards Board.



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This information is intended to assist in preparation of the financial statements of the Maryland Transit Administration Pension Plan. Financial statements are the responsibility of management, subject to the auditor's review. Please let us know if the auditor recommends any changes.

The signing actuaries are independent of the plan sponsor.

Brad Lee Armstrong, Derek Henning and Kevin T. Noelke are Members of the American Academy of Actuaries (MAAA) and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

Respectfully submitted,
Gabriel, Roeder, Smith & Company



Brad Lee Armstrong, ASA, EA, FCA, MAAA



Derek Henning, ASA, EA, FCA, MAAA



Kevin T. Noelke, ASA, FCA, MAAA

BLA/DH/KTN:rmn

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Auditor's Note – This information is intended to assist in preparation of the financial statements of the Maryland Transit Administration. Financial statements are the responsibility of management, subject to the auditor's review. Please let us know if the auditor recommends any changes.



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SECTION A



EXECUTIVE SUMMARY

Executive Summary

Actuarial Valuation Date	July 1, 2025
Measurement Date of the Net Pension Liability	June 30, 2025
Employer's Fiscal Year Ending Date (Reporting Date)	June 30, 2025

Membership

Number of	
- Retirees and Beneficiaries	2,237
- Inactive, Nonretired Members	591
- Active Members	2,609
- Total	5,437
Covered Employee Payroll #	\$ 209,589,796

Net Pension Liability

Total Pension Liability	\$ 1,250,462,649
Plan Fiduciary Net Position	599,274,375
Net Pension Liability	\$ 651,188,274
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	47.92%
Net Pension Liability as a Percentage of Covered Employee Payroll	310.70%

Development of the Single Discount Rate

Single Discount Rate, End of Year	6.08%
Single Discount Rate, Beginning of Year	5.35%
Long-Term Expected Rate of Investment Return, End of Year	6.80%
Long-Term Expected Rate of Investment Return, Beginning of Year	6.80%
Long-Term Municipal Bond Rate, End of Year *	5.20%
Long-Term Municipal Bond Rate, Beginning of Year	3.97%
Last year ending June 30 in the 2026 to 2125 projection period for which projected benefit payments are fully funded	2054

Total Pension Expense	\$ (2,970,394)
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Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	<u>Deferred Outflows of Resources</u>	<u>Deferred Inflows of Resources</u>
Difference between expected and actual experience	\$ 44,394,368	\$ 18,655,827
Changes in assumptions	25,380,011	238,102,474
Net difference between projected and actual earnings on pension plan investments	15,215,726	13,057,024
Total	<u>\$ 84,990,105</u>	<u>\$ 269,815,325</u>

*Source: 20-Bond GO Index' is the Bond Buyer Index, general obligation, 20 years to maturity, mixed quality. In describing this index, the Bond Buyer notes that the bonds' average credit quality is roughly equivalent to Moody's Investors Service's Aa2 rating and Standard & Poor's Corp.'s AA. The rate shown is as of June 26, 2025, the most recent date available on or before the measurement date.

Valuation payroll as of June 30, 2025.



Discussion

Accounting Standard

For pension plans that are administered through trusts or equivalent arrangements, Governmental Accounting Standards Board (GASB) Statement No. 67 establishes standards of financial reporting for separately issued financial reports and specifies the required approach for measuring the pension liability. Similarly, GASB Statement No. 68 establishes standards for state and local government employers (as well as non-employer contributing entities) to account for and disclose the Net Pension Liability, Pension Expense, and other information associated with providing retirement benefits to their employees (and former employees) on their basic financial statements.

The following discussion provides a summary of the information that is required to be disclosed under these accounting standards. A number of these disclosure items are provided in this report. However, certain information is not included in this report if it is not actuarial in nature, such as the notes to the financial statements regarding accounting policies and investments. As a result, the retirement system and/or plan sponsor is responsible for preparing and disclosing the non-actuarial information needed to comply with these accounting standards.

Financial Statements

GASB Statement No. 68 requires state and local government employers that contribute to DB pension plans to recognize the Net Pension Liability and the pension expense on their financial statements, along with the related deferred outflows of resources and deferred inflows of resources. The Net Pension Liability is the difference between the Total Pension Liability and the plan's Fiduciary Net Position. In traditional actuarial terms, this is analogous to the accrued liability less the Market Value of Assets (not the smoothed actuarial value of assets that is often encountered in actuarial valuations performed to determine the employer's contribution requirement).

Paragraph 57 of GASB Statement No. 68 states, "Contributions to the pension plan from the employer subsequent to the measurement date of the collective Net Pension Liability and before the end of the employer's reporting period should be reported as a deferred outflow of resources related to pensions." The information contained in this report does not incorporate any contributions made to the Maryland Transit Administration Pension Plan subsequent to the measurement date of June 30, 2025.

The Pension Expense recognized each fiscal year is equal to the change in the Net Pension Liability from the beginning of the year to the end of the year, adjusted for deferred recognition of the certain changes in the liability and investment experience. Please see page 6 for more details.

Pension plans that prepare their own, stand-alone financial statements are required to present two financial statements – a statement of Fiduciary Net Position and a statement of changes in Fiduciary Net Position in accordance with GASB Statement No. 67. The statement of Fiduciary Net Position presents the assets and liabilities of the pension plan at the end of the pension plan's reporting period. The statement of changes in Fiduciary Net Position presents the additions, such as contributions and investment income, and deductions, such as benefit payments and expenses, and net increase or decrease in the Fiduciary Net Position.

Discussion

Notes to Financial Statements

GASB Statement No. 68 requires the notes of the employer's financial statements to disclose the total pension expense, the pension plan's liabilities and assets, and deferred outflows and inflows of resources related to pensions.

GASB Statement Nos. 67 and 68 require the notes of the financial statements for the employers and pension plans, to include certain additional information. The list of disclosure items should include:

- A description of benefits provided by the plan;
- The type of employees and number of members covered by the pension plan;
- A description of the plan's funding policy, which includes member and employer contribution requirements;
- The pension plan's investment policies;
- The pension plan's Fiduciary Net Position, Net Pension Liability, and the pension plan's Fiduciary Net Position as a percentage of the Total Pension Liability;
- The Net Pension Liability using a discount rate that is 1% higher and 1% lower than used to calculate the Total Pension Liability and Net Pension Liability for financial reporting purposes;
- Significant assumptions and methods used to calculate the Total Pension Liability;
- Inputs to the discount rates; and
- Certain information about mortality assumptions and the dates of experience studies.

Retirement systems that issue stand-alone financial statements are required to disclose additional information in accordance with GASB Statement No. 67. This information includes:

- The composition of the pension plan's Board and the authority under which benefit terms may be amended;
- A description of how fair value is determined;
- Information regarding certain reserves and investments, which include concentrations of investments greater than or equal to 5%, receivables, and insurance contracts excluded from plan assets; and
- Annual money-weighted rate of return.

Required Supplementary Information

The financial statements of employers also include required supplementary information showing the 10-year fiscal history of:

- Sources of changes in the Net Pension Liability;
- Information about the components of the Net Pension Liability and related ratios, including the pension plan's Fiduciary Net Position as a percentage of the Total Pension Liability, and the Net Pension Liability as a percent of covered employee payroll; and
- A comparison of actual employer contributions to the actuarially determined contributions based on the plan's funding policy.

Discussion

While the first two tables may be built prospectively as the information becomes available, sufficient information is currently available for the third table.

Frequency and Timing of the Valuation

An actuarial valuation to determine the total pension liability is required to be performed at least every two years. For employer reporting, the net pension liability and pension expense should be measured as of a date (measurement date) no earlier than the end of the employer's prior fiscal year, consistently applied from period to period. If the actuarial valuation used to determine the total pension liability is not calculated as of the measurement date, the total pension liability is required to be rolled forward from the actuarial valuation date to the measurement date.

The Total Pension Liability shown in this report is based on an actuarial valuation performed as of July 1, 2025 and a measurement date of June 30, 2025.

Benefits Valued

The benefit provisions that were valued in this report are the same as those stated in the July 1, 2025 actuarial valuation. They are required to be performed on the current benefit terms and existing legal agreements. Consideration is to be given to the written plan document as well as other communications between the employer and plan members and an established pattern of practice for cost sharing. The summary of major plan provisions is designed to outline principal plan benefits. If the plan summary is not in accordance with the actual provisions, please alert the actuaries immediately so they can both be sure the proper provisions are valued.

Single Discount Rate

Projected benefit payments are required to be discounted to their actuarial present values using a Single Discount Rate that reflects: (1) a long-term expected rate of return on pension plan investments (to the extent that the plan's Fiduciary Net Position is projected to be sufficient to pay benefits); and (2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the plan's projected Fiduciary Net Position is not sufficient to pay benefits).

For the purpose of this valuation, the expected rate of return on pension plan investments is 6.80%; the municipal bond rate is 5.20%; and the resulting Single Discount Rate is 6.08%.

Discussion

Actuarial Assumptions

The actuarial assumptions in this report are the same as those used in the July 1, 2025 actuarial valuation with the following exceptions:

- The actuarial cost method is the Entry-age Normal Cost method, as required by GASB.
- Projected benefits for purposes of calculating the Single Discount Rate (SDR) and resulting liabilities in this report included an assumed Cost-of-Living Adjustment (COLA) of 2.00%.

Actuarial assumptions were last reviewed in the Experience Study report dated July 20, 2023 covering the four-year period from July 1, 2018 through June 30, 2022, which includes the rationale for the assumptions. The increase in the Single Discount Rate (SDR) from 5.35% to 6.08% was reflected as an assumption change in this report and decreased the Total Pension Liability by approximately \$116.7M.

General Implications of Contribution Allocation Procedure or Funding Policy on Future Expected Plan Contributions and Funded Status

Given the plan's contribution allocation procedure, if all actuarial assumptions are met (including the assumption of the plan earning 6.80% on the actuarial value of assets), then the following outcomes are expected:

1. The employer normal cost as a percentage of pay is expected to remain level as a percentage of payroll.
2. The unfunded liability is not expected to be fully amortized during the lifetimes of current members.
3. The funded status of the plan is expected to increase gradually towards a 100% funded ratio.

This funding policy results in an expected crossover date in 2054 and a GASB single discount rate of 6.08%. The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan.

SECTION B



FINANCIAL STATEMENTS

Statement of Pension Expense under GASB Statement No. 68

Fiscal Years Ended June 30

A. Expense	2025	2024
1. Service Cost	\$ 35,063,059	\$ 31,691,278
2. Interest on the Total Pension Liability	68,695,820	65,254,685
3. Current-Period Benefit Changes	-	-
4. Employee Contributions (made negative for addition here)	(12,948,603)	(10,103,899)
5. Projected Earnings on Plan Investments (made negative for addition here)	(36,719,039)	(33,572,669)
6. Pension Plan Administrative Expense	198,297	173,091
7. Other Changes in Plan Fiduciary Net Position	-	-
8. Recognition of Outflow (Inflow) of Resources due to Liabilities	(52,286,555)	(45,150,912)
9. Recognition of Outflow (Inflow) of Resources due to Assets	(4,973,373)	943,585
10. Total Pension Expense	\$ (2,970,394)	\$ 9,235,159

Statement of Outflows and Inflows Arising from Current Reporting Period Fiscal Year Ended June 30, 2025

A. Outflows (Inflows) of Resources Due to Liabilities

1. Difference between expected and actual experience of the Total Pension Liability (gains) or losses	\$ 25,244,647
2. Assumption Changes (gains) or losses	\$ (116,658,841)
3. Recognition period for Liabilities: Average of the expected remaining service lives of all employees {in years}	5.0000
4. Outflow (Inflow) of Resources to be recognized in the current pension expense for the difference between expected and actual experience of the Total Pension Liability	\$ 5,048,929
5. Outflow (Inflow) of Resources to be recognized in the current pension expense for Assumption Changes	\$ (23,331,768)
6. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Liabilities	\$ (18,282,839)
7. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for the difference between expected and actual experience of the Total Pension Liability	\$ 20,195,718
8. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses for Assumption Changes	\$ (93,327,073)
9. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Liabilities	\$ (73,131,355)

B. Outflows (Inflows) of Resources Due to Assets

1. Net difference between projected and actual earnings on pension plan investments (gains) or losses	\$ (16,278,512)
2. Recognition period for Assets {in years}	5.0000
3. Outflow (Inflow) of Resources to be recognized in the current pension expense due to Assets	\$ (3,255,702)
4. Deferred Outflow (Inflow) of Resources to be recognized in future pension expenses due to Assets	\$ (13,022,810)

Statement of Outflows and Inflows Arising from Current and Prior Reporting Periods Fiscal Year Ended June 30, 2025

A. Outflows and Inflows of Resources Due to Liabilities and Assets to be Recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Due to Liabilities	\$ 54,165,060	\$ 106,451,615	\$ (52,286,555)
2. Due to Assets	11,829,705	16,803,078	(4,973,373)
3. Total	\$ 65,994,765	\$ 123,254,693	\$ (57,259,928)

B. Outflows and Inflows of Resources by Source to be Recognized in Current Pension Expense

	Outflows of Resources	Inflows of Resources	Net Outflows of Resources
1. Differences between expected and actual experience	\$ 13,115,146	\$ 13,168,663	\$ (53,517)
2. Assumption Changes	41,049,914	93,282,952	(52,233,038)
3. Net Difference between projected and actual earnings on pension plan investments	11,829,705	16,803,078	(4,973,373)
4. Total	\$ 65,994,765	\$ 123,254,693	\$ (57,259,928)

C. Deferred Outflows and Deferred Inflows of Resources by Source to be Recognized in Future Pension Expenses

	Deferred Outflows of Resources	Deferred Inflows of Resources	Net Deferred Outflows of Resources
1. Differences between expected and actual experience	\$ 44,394,368	\$ 18,655,827	\$ 25,738,541
2. Assumption Changes	25,380,011	238,102,474	(212,722,463)
3. Net Difference between projected and actual earnings on pension plan investments	15,215,726	13,057,024	2,158,702
4. Total	\$ 84,990,105	\$ 269,815,325	\$ (184,825,220)

D. Deferred Outflows and Deferred Inflows of Resources by Year to be Recognized in Future Pension Expenses

Year Ending June 30	Net Deferred Outflows of Resources
2026	\$ (57,819,983)
2027	(87,751,337)
2028	(17,715,358)
2029	(21,538,542)
2030	-
Thereafter	-
Total	\$ (184,825,220)

Recognition of Deferred Outflows and Inflows of Resources

Fiscal Year Ended June 30, 2025

Year Established	Initial Amount	Initial Recognition Period	Current Year Recognition	Remaining Recognition	Remaining Recognition Period
Deferred Outflow (Inflow) Due to Differences between Expected and Actual Experience on Liabilities					
2019	\$ (8,527,580)	6.0000	\$ -	\$ -	0.0000
2020	(17,140,142)	6.0000	(2,856,692)	-	0.0000
2021	(11,808,688)	6.0000	(1,968,115)	(1,968,113)	1.0000
2022	(50,063,138)	6.0000	(8,343,856)	(16,687,714)	2.0000
2023	21,901,809	6.0000	3,650,302	10,950,903	3.0000
2024	22,079,577	5.0000	4,415,915	13,247,747	3.0000
2025	25,244,647	5.0000	5,048,929	20,195,718	4.0000
Total			\$ (53,517)	\$ 25,738,541	
Deferred Outflow (Inflow) Due to Assumption Changes					
2019	\$ (58,175,626)	6.0000	\$ -	\$ -	0.0000
2020	101,716,323	6.0000	16,952,718	-	0.0000
2021	140,734,720	6.0000	23,455,787	23,455,785	1.0000
2022	(390,468,904)	6.0000	(65,078,151)	(130,156,300)	2.0000
2023	(29,238,200)	6.0000	(4,873,033)	(14,619,101)	3.0000
2024	3,207,044	5.0000	641,409	1,924,226	3.0000
2025	(116,658,841)	5.0000	(23,331,768)	(93,327,073)	4.0000
Total			\$ (52,233,038)	\$ (212,722,463)	
Deferred Outflow (Inflow) Due to Differences between Projected and Actual Earnings on Plan Investments					
2021	\$ (67,679,856)	5.0000	\$ (13,535,972)	\$ -	0.0000
2022	42,218,424	5.0000	8,443,685	8,443,684	1.0000
2023	16,930,102	5.0000	3,386,020	6,772,042	2.0000
2024	(57,022)	5.0000	(11,404)	(34,214)	3.0000
2025	(16,278,512)	5.0000	(3,255,702)	(13,022,810)	4.0000
Total			\$ (4,973,373)	\$ 2,158,702	

According to paragraph 33 of GASB Statement No. 68, differences between expected and actual experience and changes in assumptions are recognized in pension expense using a systematic and rational method over a closed period equal to the average of the expected remaining service lives of all employees that are provided with pensions through the pension plan (active employees and inactive employees) determined as of the beginning of the measurement period.

At the beginning of the current measurement period, the expected remaining service lives of all active employees in the plan was approximately 27,310 years. Additionally, the total plan membership (active DB employees and inactive employees) was 5,462. As a result, the average of the expected remaining service lives for purposes of recognizing the applicable deferred outflows and inflows of resources established in the current measurement period is 5.0000 years.

Additionally, differences between projected and actual earnings on pension plan investments should be recognized in pension expense using a systematic and rational method over a closed five-year period. For this purpose, the deferred outflows and inflows of resources are recognized in the pension expense as a level dollar amount over the closed period identified above.

Statement of Fiduciary Net Position as of June 30, 2025

Assets	
Cash and Cash Equivalents	\$ 20,231,383
Collateral for Loaned Securities	41,987,972
Total Cash	<u>\$ 62,219,355</u>
Investments	
U.S. Government Obligations	\$ 48,854,821
Domestic Corporate Obligations	23,263,354
International Obligations	14,099,289
Domestic Stocks	98,242,083
International Stocks	96,026,590
Mortgage and Mortgage Related Securities	17,796,558
Alternative Investments	278,130,690
Total Investments	<u>\$ 576,413,385</u>
Receivables	
Accrued Investment Income	\$ 2,884,091
Investment Sales Proceeds	7,232,344
Total Receivables	<u>\$ 10,116,435</u>
Total Assets	<u>\$ 648,749,175</u>
Liabilities	
Obligation for Collateral for Loaned Securities	\$ 41,987,972
Manager fees payable	121,433
Investment purchases payable	7,365,395
Total Liabilities	<u>\$ 49,474,800</u>
Net Position Held in Trust for Pension Benefits	<u>\$ 599,274,375</u>

Statement of Changes in Fiduciary Net Position for Year Ended June 30, 2025

Additions

Contributions		
Employer	\$	56,600,657
Employee		<u>12,948,603</u>
Total Contributions	\$	<u>69,549,260</u>
Investment Income		
Net Appreciation in Fair Value of Investments	\$	30,026,234
Interest and Dividends		26,900,570
Net Income from Securities Lending Activities		179,055
Less Investment Expense		<u>(4,108,308)</u>
Total Investment Income	\$	<u>52,997,551</u>
Total Additions	\$	<u>122,546,811</u>

Deductions

Benefit Payments	\$	56,769,055
Administrative Expense		198,297
Other		<u>-</u>
Total Deductions	\$	<u>56,967,352</u>

Net Increase in Net Position \$ 65,579,459

Net Position Held in Trust for Pension Benefits

Beginning of Year	\$	<u>533,694,916</u>
End of Year	\$	<u>599,274,375</u>

SECTION C

REQUIRED SUPPLEMENTARY INFORMATION

Schedule of Changes in Net Pension Liability and Related Ratios

Current Period

Fiscal Year Ended June 30, 2025

A. Total Pension Liability	
1. Service Cost	\$ 35,063,059
2. Interest on the Total Pension Liability	68,695,820
3. Changes of benefit terms	-
4. Difference between expected and actual experience of the Total Pension Liability	25,244,647
5. Changes of assumptions	(116,658,841)
6. Benefit payments, including refunds of employee contributions	(56,769,055)
7. Net change in Total Pension Liability	\$ (44,424,370)
8. Total Pension Liability – Beginning	1,294,887,019
9. Total Pension Liability – Ending	<u><u>\$ 1,250,462,649</u></u>
B. Plan Fiduciary Net Position	
1. Contributions – employer	\$ 56,600,657
2. Contributions – employee	12,948,603
3. Net investment income	52,997,551
4. Benefit payments, including refunds of employee contributions	(56,769,055)
5. Pension Plan Administrative Expense	(198,297)
6. Other [#]	-
7. Net change in Plan Fiduciary Net Position	\$ 65,579,459
8. Plan Fiduciary Net Position – Beginning	533,694,916
9. Plan Fiduciary Net Position – Ending	<u><u>\$ 599,274,375</u></u>
C. Net Pension Liability	<u><u>\$ 651,188,274</u></u>
D. Plan Fiduciary Net Position as a percentage of the Total Pension Liability	47.92%
E. Covered-Employee Payroll *	\$ 209,589,796
F. Net Pension Liability as a percentage of Covered-Employee Payroll	310.70%

* Covered-Employee Payroll shown is the valuation payroll.

Includes BOY adjustments, if applicable.



Schedules of Required Supplementary Information

Schedule of Changes in Net Pension Liability and Related Ratios Multiyear

Fiscal year ending June 30,	2025	2024	2023	2022	2021	2020	2019	2018	2017	2016
Total Pension Liability										
Service Cost	\$ 35,063,059	\$ 31,691,278	\$ 29,388,577	\$ 50,802,171	\$ 43,826,625	\$ 42,307,645	\$ 36,026,872	\$ 37,194,586	\$ 36,333,940	\$ 48,498,923
Interest on the Total Pension Liability	68,695,820	65,254,685	62,494,802	51,484,768	56,405,792	55,831,451	56,518,997	54,904,314	57,880,638	31,181,033
Benefit Changes	-	-	-	-	-	208,455	(202,648)	3,105,575	2,132,647	82,510,189
Difference between Expected and Actual Experience	25,244,647	22,079,577	21,901,809	(50,063,138)	(11,808,688)	(17,140,142)	(8,527,580)	17,384,864	(20,741,099)	(15,023,996)
Assumption Changes	(116,658,841)	3,207,044	(29,238,200)	(390,468,904)	140,734,720	101,716,323	(58,175,626)	(36,902,711)	(162,605,699)	338,949,559
Benefit Payments, including refunds of contributions	(56,769,055)	(53,341,941)	(50,465,093)	(47,453,399)	(44,735,513)	(44,432,068)	(42,723,850)	(37,203,253)	(39,062,347)	(35,283,202)
Net Change in Total Pension Liability	(44,424,370)	68,890,643	34,081,895	(385,698,502)	184,422,936	138,491,664	(17,083,835)	38,483,375	(126,061,920)	450,832,506
Total Pension Liability - Beginning	1,294,887,019	1,225,996,376	1,191,914,481	1,577,612,983	1,393,190,047	1,254,698,383	1,271,782,218	1,233,298,843	1,359,360,763	908,528,257
Total Pension Liability - Ending (a)	\$ 1,250,462,649	\$ 1,294,887,019	\$ 1,225,996,376	\$ 1,191,914,481	\$ 1,577,612,983	\$ 1,393,190,047	\$ 1,254,698,383	\$ 1,271,782,218	\$ 1,233,298,843	\$ 1,359,360,763
Plan Fiduciary Net Position										
Employer Contributions	\$ 56,600,657	\$ 56,110,153	\$ 54,647,403	\$ 68,605,836	\$ 59,279,675	\$ 43,249,926	\$ 41,597,059	\$ 40,997,059	\$ 40,997,059	\$ 40,997,059
Employee Contributions	12,948,603	10,103,899	8,302,217	6,832,690	7,311,254	4,609,744	3,005,759	3,315,683	3,094,029	-
Pension Plan Net Investment Income	52,997,551	33,629,690	14,785,863	(10,985,822)	93,212,724	12,831,812	31,023,630	20,550,290	27,740,945	12,767,932
Benefit Payments, including refunds of contributions	(56,769,055)	(53,341,941)	(50,465,093)	(47,453,399)	(44,735,513)	(44,432,068)	(42,723,850)	(37,203,253)	(39,062,347)	(35,283,202)
Pension Plan Administrative Expense	(198,297)	(173,091)	(146,346)	(4,135,115)	(3,602,429)	(2,651,571)	(2,325,372)	(2,213,277)	(1,914,322)	(1,967,196)
Other#	-	1	-	-	-	-	(6,719,636)	-	(2,630,692)	-
Net Change in Plan Fiduciary Net Position	65,579,459	46,328,711	27,124,044	12,864,190	111,465,711	13,607,843	23,857,590	25,446,502	28,224,672	16,514,593
Plan Fiduciary Net Position - Beginning	533,694,916	487,366,205	460,242,161	447,377,971	335,912,260	322,304,417	298,446,827	273,000,325	244,775,653	228,261,060
Plan Fiduciary Net Position - Ending (b)	\$ 599,274,375	\$ 533,694,916	\$ 487,366,205	\$ 460,242,161	\$ 447,377,971	\$ 335,912,260	\$ 322,304,417	\$ 298,446,827	\$ 273,000,325	\$ 244,775,653
Net Pension Liability - Ending (a) - (b)	651,188,274	761,192,103	738,630,171	731,672,320	1,130,235,012	1,057,277,787	932,393,966	973,335,391	960,298,518	1,114,585,110
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	47.92 %	41.22 %	39.75 %	38.61 %	28.36 %	24.11 %	25.69 %	23.47 %	22.14 %	18.01 %
Covered-Employee Payroll*	\$ 209,589,796	\$ 187,149,685	\$ 170,004,336	\$ 163,102,050	\$ 164,552,701	\$ 149,767,952	\$ 148,444,632	\$ 145,833,561	\$ 137,153,770	\$ 137,427,168
Net Pension Liability as a Percentage of Covered-Employee Payroll	310.70 %	406.73 %	434.48 %	448.60 %	686.85 %	705.94 %	628.11 %	667.43 %	700.16 %	811.04 %

* Covered-Employee Payroll shown is the valuation payroll.

Includes BOY adjustments, if applicable.

Results prior to FYE 2021 were not calculated by GRS.



Schedule of Required Supplementary Information

Schedule of the Net Pension Liability

FY Ending June 30,	Total Pension Liability #	Plan Net Position	Net Pension Liability	Plan Net Position as a % of Total Pension Liability	Covered-Employee Payroll *	Net Pension Liability as a % of Covered- Employee Payroll
2016	\$1,359,360,763	\$ 244,775,653	\$1,114,585,110	18.01%	\$ 137,427,168	811.04%
2017	1,233,298,843	273,000,325	960,298,518	22.14%	137,153,770	700.16%
2018	1,271,782,218	298,446,827	973,335,391	23.47%	145,833,561	667.43%
2019	1,254,698,383	322,304,417	932,393,966	25.69%	148,444,632	628.11%
2020	1,393,190,047	335,912,260	1,057,277,787	24.11%	149,767,952	705.94%
2021	1,577,612,983	447,377,971	1,130,235,012	28.36%	164,552,701	686.85%
2022	1,191,914,481	460,242,161	731,672,320	38.61%	163,102,050	448.60%
2023	1,225,996,376	487,366,205	738,630,171	39.75%	170,004,336	434.48%
2024	1,294,887,019	533,694,916	761,192,103	41.22%	187,149,685	406.73%
2025	1,250,462,649	599,274,375	651,188,274	47.92%	209,589,796	310.70%

* Covered-Employee Payroll shown is the valuation payroll.

Results prior to FYE 2021 were not calculated by GRS.



Schedule of Contributions Multiyear

FY Ending June 30,	Actuarially Determined Contribution #	Actual Contribution	Contribution Deficiency (Excess)	Covered-Employee Payroll *	Actual Contribution as a % of Covered- Employee Payroll
2016	\$ 44,736,075	\$ 40,997,059	\$ 3,739,016	\$ 137,427,168	29.83%
2017	62,217,185	40,997,059	21,220,126	137,153,770	29.89%
2018	66,495,406	40,997,059	25,498,347	145,833,561	28.11%
2019	64,648,783	41,597,059	23,051,724	148,444,632	28.02%
2020	55,213,341	43,249,926	11,963,415	149,767,952	28.88%
2021	58,841,684	59,279,675	(437,991)	164,552,701	36.02%
2022	53,638,723	68,605,836	(14,967,113)	163,102,050	42.06%
2023	55,926,030	54,647,403	1,278,627	170,004,336	32.14%
2024	54,407,351	56,110,153	(1,702,802)	187,149,685	29.98%
2025	56,614,872	56,600,657	14,215	209,589,796	27.01%

* Covered-Employee Payroll shown is the valuation payroll.

Contribution rates for FYE 2021 and prior were not calculated by GRS.

Notes to Schedule of Contributions

Valuation Date: July 1, 2024
Notes Actuarially determined contribution amounts are calculated as of July 1 each year, which is the beginning of the fiscal year in which contributions are reported.

Methods and Assumptions Used to Determine Contribution Rates for FY Ending June 30, 2025:

Actuarial Cost Method	Entry-Age - Level Dollar Normal Cost
Amortization Method	Level dollar, closed
Remaining Amortization Periods	2 -20 years
Asset Valuation Method	5-Year smoothed market for funding
Wage Inflation	2.75%
Salary Increases	2.75% to 10.55% including inflation
Investment Rate of Return	6.80%
Retirement Age	Age-based table of rates that are specific to the type of eligibility condition.
Mortality	<p>Pre-retirement: The fully generational Pri-2012 Amount-Weighted Blue Collar Employee mortality table, sex distinct, with generational mortality improvements from 2012 using scale MP-2021.</p> <p>Post-retirement Healthy lives: The fully generational Pri-2012 Amount-Weighted Blue Collar Healthy Retiree mortality table, sex distinct, with generational mortality improvements from 2012 using scale MP-2021.</p> <p>Post-retirement Disabled lives: The fully generational Pri-2012 Amount-Weighted Total Disabled Retiree mortality table, sex distinct, with generational mortality improvements from 2012 using scale MP-2021.</p>

Other Information:
Notes N/A

Sensitivity of Net Pension Liability to the Single Discount Rate Assumption

Single Discount Rate

The Single Discount Rate used to measure the June 30, 2024 total pension liability was 5.35%. A Single Discount Rate of 6.08% was used to measure the June 30, 2025 total pension liability. This Single Discount Rate was based on a municipal bond rate of 5.20% and an expected rate of return on pension plan investments of 6.80%. The projection of cash flows used to determine this Single Discount Rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on these assumptions, the pension plan's Fiduciary Net Position and future contributions were sufficient to finance the benefit payments through the year 2054.

Regarding the sensitivity of the Net Pension Liability to changes in the Single Discount Rate, the following presents the plan's Net Pension Liability, calculated using a Single Discount Rate of 6.08%, as well as what the plan's Net Pension Liability would be if it were calculated using a Single Discount Rate that is 1-percentage-point lower or 1-percentage-point higher:

	1% Decrease 5.08%	Current Single Discount Rate 6.08%	1% Increase 7.08%
Total Pension Liability	\$ 1,414,433,054	\$ 1,250,462,649	\$ 1,113,755,868
Plan Fiduciary Net Position	599,274,375	599,274,375	599,274,375
Net Pension Liability/(Asset)	\$ 815,158,679	\$ 651,188,274	\$ 514,481,493

SECTION D

CALCULATION OF THE SINGLE DISCOUNT RATE

Calculation of the Single Discount Rate

GASB Statement No. 68 includes a specific requirement for the discount rate that is used for the purpose of the measurement of the Total Pension Liability. This rate considers the ability of the fund to meet benefit obligations in the future. To make this determination, employer contributions, employee contributions, benefit payments, expenses and investment returns are projected into the future. The Plan Fiduciary Net Position (assets) in future years can then be determined and compared to its obligation to make benefit payments in those years. As long as assets are projected to be on hand in a future year, the assumed valuation discount rate is used. In years where assets are not projected to be sufficient to meet benefit payments, the use of a municipal bond rate is required, as described in the following paragraph.

The Single Discount Rate (SDR) is equivalent to applying these two rates to the benefits that are projected to be paid during the different time periods. The SDR reflects: 1) the long-term expected rate of return on pension plan investments (during the period in which the Fiduciary Net Position is projected to be sufficient to pay benefits); and 2) tax-exempt municipal bond rate based on an index of 20-year general obligation bonds with an average AA credit rating as of the measurement date (to the extent that the contributions for use with the long-term expected rate of return are not met).

For the purpose of this valuation, the expected rate of return on pension plan investments is 6.80%; the municipal bond rate is 5.20%; and the resulting SDR is 6.08%.

The tables in this section provide background for the development of the SDR.

The **Projection of Contributions** table shows the development of expected contributions in future years. Normal Cost contributions for future hires are not included (nor are their liabilities).

The **Projection of Plan Fiduciary Net Position** table shows the development of expected asset levels in future years.

The **Present Values of Projected Benefit Payments** table shows the development of the SDR. It breaks down the benefit payments into present values for funded and unfunded portions and shows the equivalent total at the SDR.

The projections in this report are strictly for the purpose of determining the GASB single discount rate and are different from a funding projection for the ongoing plan. Contribution amounts shown are strictly for the purpose of testing for a GASB depletion date and may differ from those determined by a funding valuation.

Single Discount Rate Development Projection of Contributions Ending June 30, 2075

Year	Covered Employee Payroll	Service Cost Contributions and Contributions from Current Employees	Administrative Expense Contributions	UAL Contributions	Total Contributions
0	\$ 209,589,796				
1	214,786,309	\$ 18,128,113	\$ 203,214	\$ 53,569,256	\$ 71,900,583
2	206,050,783	16,683,533	194,949	39,690,222	56,568,704
3	199,216,699	15,510,687	188,483	39,891,046	55,590,216
4	192,903,298	14,482,220	182,510	39,670,670	54,335,399
5	186,093,647	13,562,687	176,067	39,359,236	53,097,990
6	179,321,820	12,745,489	169,660	39,359,236	52,274,385
7	172,167,309	11,969,524	162,891	39,327,546	51,459,961
8	165,542,181	11,252,540	156,623	39,321,593	50,730,756
9	158,897,221	10,562,175	150,336	39,321,593	50,034,105
10	152,571,656	9,915,699	144,351	39,321,593	49,381,643
11	146,537,384	9,311,504	138,642	39,507,236	48,957,382
12	140,410,807	8,729,818	132,845	39,507,236	48,369,899
13	134,477,808	8,178,481	127,232	39,507,236	47,812,949
14	128,481,132	7,643,071	121,559	39,507,236	47,271,866
15	122,391,650	7,123,319	115,797	36,916,889	44,156,006
16	116,428,023	6,629,629	110,155	33,408,289	40,148,073
17	110,221,754	6,142,480	104,283	36,181,522	42,428,285
18	104,003,369	5,669,474	98,400	37,019,495	42,787,369
19	97,707,612	5,208,196	92,443	35,719,876	41,020,515
20	91,488,908	4,769,763	86,559	1,895,924	6,752,246
21	85,247,817	4,348,090	80,655	777,785	5,206,530
22	78,743,348	3,929,396	74,501	(339,949)	3,663,948
23	72,214,063	3,524,544	68,323	(531,810)	3,061,057
24	65,676,367	3,134,930	62,138	(311,434)	2,885,634
25	59,147,573	2,760,235	55,961	-	2,816,196
26	52,849,131	2,411,000	50,002	-	2,461,002
27	46,749,727	2,083,791	44,231	-	2,128,022
28	41,013,874	1,786,349	38,804	-	1,825,153
29	35,578,000	1,514,262	33,661	-	1,547,923
30	30,614,671	1,274,013	28,965	-	1,302,978
31	26,262,655	1,069,327	24,848	-	1,094,175
32	22,397,713	892,567	21,191	-	913,758
33	19,002,495	740,993	17,979	-	758,972
34	15,940,001	608,045	15,081	-	623,126
35	13,262,156	494,345	12,548	-	506,893
36	10,900,827	397,057	10,313	-	407,370
37	8,852,412	315,067	8,375	-	323,442
38	7,114,427	247,611	6,731	-	254,342
39	5,575,250	189,750	5,275	-	195,025
40	4,360,818	144,941	4,126	-	149,067
41	3,337,980	108,461	3,158	-	111,619
42	2,527,887	80,275	2,392	-	82,667
43	1,882,346	58,424	1,781	-	60,205
44	1,395,288	42,227	1,320	-	43,547
45	1,051,817	31,113	995	-	32,108
46	790,890	22,898	748	-	23,646
47	570,028	16,073	539	-	16,612
48	378,522	10,444	358	-	10,802
49	253,243	6,831	240	-	7,071
50	156,442	4,092	148	-	4,240



Single Discount Rate Development Projection of Plan Fiduciary Net Position Ending June 30, 2075

Year	Projected Beginning Plan Net Position	Projected Total Contributions	Projected Benefit Payments	Projected Administrative Expenses	Projected Investment Earnings at 6.80%	Projected Ending Plan Net Position
	(a)	(b)	(c)	(d)	(e)	(f)=(a)+(b)-(c)-(d)+(e)
1	\$ 599,274,375	\$ 71,900,583	\$ 60,281,693	\$ 203,214	\$ 41,132,407	\$ 651,822,458
2	651,822,458	56,568,704	64,795,896	194,949	44,042,284	687,442,600
3	687,442,600	55,590,216	68,654,310	188,483	46,302,919	720,492,942
4	720,492,942	54,335,399	72,340,430	182,510	48,385,313	750,690,715
5	750,690,715	53,097,990	75,937,948	176,067	50,277,293	777,951,983
6	777,951,983	52,274,385	79,387,788	169,660	51,988,366	802,657,285
7	802,657,285	51,459,961	82,603,831	162,891	53,533,771	824,884,294
8	824,884,294	50,730,756	85,525,379	156,623	54,923,332	844,856,381
9	844,856,381	50,034,105	88,337,895	150,336	56,164,295	862,566,550
10	862,566,550	49,381,643	91,152,697	144,351	57,252,838	877,903,983
11	877,903,983	48,957,382	94,062,967	138,642	58,184,465	890,844,221
12	890,844,221	48,369,899	96,781,878	132,845	58,954,027	901,253,424
13	901,253,424	47,812,949	99,309,303	127,232	59,558,896	909,188,734
14	909,188,734	47,271,866	101,762,426	121,559	59,998,558	914,575,174
15	914,575,174	44,156,006	104,048,961	115,797	60,184,368	914,750,790
16	914,750,790	40,148,073	106,230,332	110,155	59,989,523	908,547,899
17	908,547,899	42,428,285	108,353,698	104,283	59,573,168	902,091,370
18	902,091,370	42,787,369	110,369,803	98,400	59,078,908	893,489,445
19	893,489,445	41,020,515	112,312,954	92,443	58,370,111	880,474,674
20	880,474,674	6,752,246	114,131,779	86,559	56,278,520	829,287,102
21	829,287,102	5,206,530	116,022,425	80,655	52,683,048	771,073,600
22	771,073,600	3,663,948	117,849,329	74,501	48,612,057	705,425,774
23	705,425,774	3,061,057	119,590,165	68,323	44,069,835	632,898,178
24	632,898,178	2,885,634	121,281,320	62,138	39,075,745	553,516,099
25	553,516,099	2,816,196	122,832,061	55,961	33,623,790	467,068,063
26	467,068,063	2,461,002	124,283,267	50,002	27,685,116	372,880,912
27	372,880,912	2,128,022	125,524,731	44,231	21,227,931	270,667,903
28	270,667,903	1,825,153	126,599,775	38,804	14,231,550	160,086,028
29	160,086,028	1,547,923	127,387,259	33,661	6,676,549	40,889,579
30	40,889,579	1,302,978	127,735,873	28,965	-	-
31	-	1,094,175	127,702,805	24,848	-	-
32	-	913,758	127,244,190	21,191	-	-
33	-	758,972	126,427,934	17,979	-	-
34	-	623,126	125,238,964	15,081	-	-
35	-	506,893	123,694,142	12,548	-	-
36	-	407,370	121,908,217	10,313	-	-
37	-	323,442	119,925,993	8,375	-	-
38	-	254,342	117,701,945	6,731	-	-
39	-	195,025	115,178,965	5,275	-	-
40	-	149,067	112,396,746	4,126	-	-
41	-	111,619	109,333,741	3,158	-	-
42	-	82,667	105,974,464	2,392	-	-
43	-	60,205	102,407,473	1,781	-	-
44	-	43,547	98,630,350	1,320	-	-
45	-	32,108	94,648,686	995	-	-
46	-	23,646	90,537,202	748	-	-
47	-	16,612	86,322,270	539	-	-
48	-	10,802	81,990,010	358	-	-
49	-	7,071	77,559,244	240	-	-
50	-	4,240	73,065,728	148	-	-



Single Discount Rate Development Present Values of Projected Benefits Ending June 30, 2125

Year	Projected Beginning Plan Net Position	Projected Benefit Payments	Funded Portion of Benefit Payments	Unfunded Portion of Benefit Payments	Present Value of Funded Benefit Payments Using Expected Return Rate (v)	Present Value of Unfunded Benefit Payments Using Municipal Bond Rate (v _i)	Present Value of Benefit Payments Using Single Discount Rate (sdr)
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v ^{(a)-.5}	(g)=(e)*v _i ^{(a)-.5}	(h)=(c)/(1+sdr) ^{(a)-.5}
1	\$ 599,274,375	\$ 60,281,693	\$ 60,281,693	\$ -	\$ 58,331,053	\$ -	\$ 58,529,177
2	651,822,458	64,795,896	64,795,896	-	58,707,099	-	59,307,337
3	687,442,600	68,654,310	68,654,310	-	58,242,456	-	59,238,312
4	720,492,942	72,340,430	72,340,430	-	57,462,127	-	58,842,335
5	750,690,715	75,937,948	75,937,948	-	56,479,159	-	58,229,306
6	777,951,983	79,387,788	79,387,788	-	55,285,573	-	57,386,588
7	802,657,285	82,603,831	82,603,831	-	53,862,567	-	56,289,947
8	824,884,294	85,525,379	85,525,379	-	52,216,843	-	54,941,385
9	844,856,381	88,337,895	88,337,895	-	50,500,002	-	53,496,527
10	862,566,550	91,152,697	91,152,697	-	48,791,326	-	52,038,170
11	877,903,983	94,062,967	94,062,967	-	47,143,359	-	50,622,677
12	890,844,221	96,781,878	96,781,878	-	45,417,648	-	49,101,462
13	901,253,424	99,309,303	99,309,303	-	43,636,436	-	47,496,790
14	909,188,734	101,762,426	101,762,426	-	41,867,356	-	45,881,301
15	914,575,174	104,048,961	104,048,961	-	40,082,480	-	44,224,198
16	914,750,790	106,230,332	106,230,332	-	38,317,231	-	42,564,222
17	908,547,899	108,353,698	108,353,698	-	36,594,690	-	40,927,371
18	902,091,370	110,369,803	110,369,803	-	34,902,243	-	39,300,160
19	893,489,445	112,312,954	112,312,954	-	33,255,362	-	37,700,565
20	880,474,674	114,131,779	114,131,779	-	31,642,236	-	36,115,908
21	829,287,102	116,022,425	116,022,425	-	30,118,356	-	34,610,497
22	771,073,600	117,849,329	117,849,329	-	28,644,760	-	33,141,103
23	705,425,774	119,590,165	119,590,165	-	27,217,127	-	31,703,649
24	632,898,178	121,281,320	121,281,320	-	25,844,580	-	30,309,701
25	553,516,099	122,832,061	122,832,061	-	24,508,461	-	28,938,327
26	467,068,063	124,283,267	124,283,267	-	23,219,118	-	27,602,492
27	372,880,912	125,524,731	125,524,731	-	21,957,915	-	26,280,818
28	270,667,903	126,599,775	126,599,775	-	20,735,928	-	24,987,134
29	160,086,028	127,387,259	127,387,259	-	19,536,434	-	23,701,916
30	40,889,579	127,735,873	40,889,579	86,846,294	5,871,657	19,466,459	22,404,966
31	-	127,702,805	-	127,702,805	-	27,209,488	21,115,715
32	-	127,244,190	-	127,244,190	-	25,771,646	19,834,318
33	-	126,427,934	-	126,427,934	-	24,340,612	18,577,886
34	-	125,238,964	-	125,238,964	-	22,919,872	17,348,689
35	-	123,694,142	-	123,694,142	-	21,518,208	16,152,891
36	-	121,908,217	-	121,908,217	-	20,159,243	15,007,490
37	-	119,925,993	-	119,925,993	-	18,851,192	13,917,536
38	-	117,701,945	-	117,701,945	-	17,587,066	12,876,761
39	-	115,178,965	-	115,178,965	-	16,359,393	11,878,732
40	-	112,396,746	-	112,396,746	-	15,175,116	10,927,596
41	-	109,333,741	-	109,333,741	-	14,031,909	10,020,722
42	-	105,974,464	-	105,974,464	-	12,928,497	9,156,300
43	-	102,407,473	-	102,407,473	-	11,875,795	8,341,120
44	-	98,630,350	-	98,630,350	-	10,872,412	7,573,162
45	-	94,648,686	-	94,648,686	-	9,917,773	6,851,019
46	-	90,537,202	-	90,537,202	-	9,018,014	6,177,911
47	-	86,322,270	-	86,322,270	-	8,173,178	5,552,791
48	-	81,990,010	-	81,990,010	-	7,379,268	4,971,911
49	-	77,559,244	-	77,559,244	-	6,635,447	4,433,737
50	-	73,065,728	-	73,065,728	-	5,942,027	3,937,532



Single Discount Rate Development

Present Values of Projected Benefits

Ending June 30, 2125 (Concluded)

Year	Projected Beginning Plan Net Position	Projected Benefit Payments	Funded Portion of Benefit Payments	Unfunded Portion of Benefit Payments	Present Value of Funded Benefit Payments Using Expected Return Rate (v)	Present Value of Unfunded Benefit Payments Using Municipal Bond Rate (v _i)	Present Value of Benefit Payments Using Single Discount Rate (sdr)
(a)	(b)	(c)	(d)	(e)	(f)=(d)*v ^a ((a)-.5)	(g)=(e)*v ⁱ ((a)-.5)	(h)=(c)/(1+sdr) ^a ((a)-.5)
51	\$ -	\$ 68,517,688	\$ -	\$ 68,517,688	\$ -	\$ 5,296,730	\$ 3,480,863
52	-	63,937,911	-	63,937,911	-	4,698,377	3,062,081
53	-	59,374,807	-	59,374,807	-	4,147,400	2,680,615
54	-	54,854,909	-	54,854,909	-	3,642,281	2,334,649
55	-	50,402,025	-	50,402,025	-	3,181,194	2,022,218
56	-	46,053,933	-	46,053,933	-	2,763,078	1,741,890
57	-	41,839,117	-	41,839,117	-	2,386,125	1,491,800
58	-	37,782,343	-	37,782,343	-	2,048,254	1,269,962
59	-	33,909,730	-	33,909,730	-	1,747,445	1,074,485
60	-	30,241,073	-	30,241,073	-	1,481,360	903,331
61	-	26,791,487	-	26,791,487	-	1,247,512	754,433
62	-	23,571,387	-	23,571,387	-	1,043,319	625,724
63	-	20,587,538	-	20,587,538	-	866,205	515,200
64	-	17,843,375	-	17,843,375	-	713,637	420,942
65	-	15,339,083	-	15,339,083	-	583,155	341,129
66	-	13,072,417	-	13,072,417	-	472,416	274,062
67	-	11,039,000	-	11,039,000	-	379,213	218,171
68	-	9,232,112	-	9,232,112	-	301,466	172,006
69	-	7,643,029	-	7,643,029	-	237,240	134,240
70	-	6,260,641	-	6,260,641	-	184,725	103,659
71	-	5,071,382	-	5,071,382	-	142,238	79,157
72	-	4,060,099	-	4,060,099	-	108,246	59,741
73	-	3,210,369	-	3,210,369	-	81,361	44,531
74	-	2,505,082	-	2,505,082	-	60,348	32,757
75	-	1,927,402	-	1,927,402	-	44,137	23,759
76	-	1,460,966	-	1,460,966	-	31,802	16,977
77	-	1,090,012	-	1,090,012	-	22,554	11,941
78	-	799,780	-	799,780	-	15,731	8,259
79	-	576,623	-	576,623	-	10,781	5,614
80	-	408,136	-	408,136	-	7,254	3,746
81	-	283,350	-	283,350	-	4,787	2,451
82	-	192,783	-	192,783	-	3,096	1,572
83	-	128,436	-	128,436	-	1,961	988
84	-	83,726	-	83,726	-	1,215	607
85	-	53,373	-	53,373	-	736	365
86	-	33,254	-	33,254	-	436	214
87	-	20,241	-	20,241	-	252	123
88	-	12,031	-	12,031	-	143	69
89	-	6,982	-	6,982	-	79	38
90	-	3,959	-	3,959	-	42	20
91	-	2,194	-	2,194	-	22	11
92	-	1,189	-	1,189	-	12	5
93	-	631	-	631	-	6	3
94	-	328	-	328	-	3	1
95	-	166	-	166	-	1	1
96	-	81	-	81	-	1	-
97	-	39	-	39	-	-	-
98	-	18	-	18	-	-	-
99	-	8	-	8	-	-	-
100	-	4	-	4	-	-	-
Totals					\$ 1,170,391,582	\$ 364,090,989	\$ 1,534,482,571



SECTION E

GLOSSARY OF TERMS

Glossary of Terms

<i>Accrued Service</i>	Service credited under the system which was rendered before the date of the actuarial valuation.
<i>Actuarial Accrued Liability (AAL)</i>	The AAL is the difference between the actuarial present value of all benefits and the actuarial value of future normal costs. The definition comes from the fundamental equation of funding which states that the present value of all benefits is the sum of the Actuarial Accrued Liability and the present value of future normal costs. The AAL may also be referred to as "accrued liability" or "actuarial liability."
<i>Actuarial Assumptions</i>	These assumptions are estimates of future experience with respect to rates of mortality, disability, turnover, retirement, rate or rates of investment income and compensation increases. Actuarial assumptions are generally based on past experience, often modified for projected changes in conditions. Economic assumptions (compensation increases, payroll growth, inflation and investment return) consist of an underlying real rate of return plus an assumption for a long-term average rate of inflation.
<i>Actuarial Cost Method</i>	A mathematical budgeting procedure for allocating the dollar amount of the actuarial present value of the pension trust benefits between future normal cost and actuarial accrued liability. The actuarial cost method may also be referred to as the actuarial funding method.
<i>Actuarial Equivalent</i>	A single amount or series of amounts of equal actuarial value to another single amount or series of amounts, computed on the basis of appropriate actuarial assumptions.
<i>Actuarial Gain (Loss)</i>	The difference in liabilities between actual experience and expected experience during the period between two actuarial valuations is the gain (loss) on the accrued liabilities.
<i>Actuarial Present Value (APV)</i>	The amount of funds currently required to provide a payment or series of payments in the future. The present value is determined by discounting future payments at predetermined rates of interest and probabilities of payment.
<i>Actuarial Valuation</i>	The actuarial valuation report determines, as of the actuarial valuation date, the service cost, Total Pension Liability, and related actuarial present value of projected benefit payments for pensions.
<i>Actuarial Valuation Date</i>	The date as of which an actuarial valuation is performed.
<i>Actuarially Determined Contribution (ADC) or Annual Required Contribution (ARC)</i>	A calculated contribution into a defined benefit pension plan for the reporting period, most often determined based on the funding policy of the plan. Typically, the Actuarially Determined Contribution has a normal cost payment and an amortization payment.

Glossary of Terms

<i>Amortization Method</i>	The method used to determine the periodic amortization payment may be a level dollar amount, or a level percent of pay amount. The period will typically be expressed in years, and the method will either be “open” (meaning, reset each year) or “closed” (the number of years remaining will decline each year).
<i>Amortization Payment</i>	The amortization payment is the periodic payment required to pay off an interest-discounted amount with payments of interest and principal.
<i>Cost-of-Living Adjustments</i>	Postemployment benefit changes intended to adjust benefit payments for the effects of inflation.
<i>Cost-Sharing Multiple-Employer Defined Benefit Pension Plan (cost-sharing pension plan)</i>	A multiple-employer defined benefit pension plan in which the pension obligations to the employees of more than one employer are pooled and pension plan assets can be used to pay the benefits of the employees of any employer that provides pensions through the pension plan.
<i>Covered Employee Payroll</i>	The payroll of employees that are provided with pensions through the pension plan.
<i>Deferred Inflows and Outflows</i>	The deferred inflows and outflows of pension resources are amounts used under GASB Statement No. 68 in developing the annual pension expense. Deferred inflows and outflows arise with differences between expected and actual experiences; changes of assumptions. The portion of these amounts not included in pension expense should be included in the deferred inflows or outflows of resources.
<i>Deferred Retirement Option Program (DROP)</i>	A program that permits a plan member to elect a calculation of benefit payments based on service credits and salary, as applicable, as of the DROP entry date. The plan member continues to provide service to the employer and is paid for the service by the employer after the DROP entry date; however, the pensions that would have been paid to the plan member are credited to an individual member account within the defined benefit pension plan until the end of the DROP period. Other variations for DROP exist and will be more fully detailed in the plan provision section of the valuation report.
<i>Discount Rate</i>	For GASB purposes, the discount rate is the single rate of return that results in the present value of all projected benefit payments to be equal to the sum of the funded and unfunded projected benefit payments, specifically: <ol style="list-style-type: none">1. The benefit payments to be made while the pension plans’ Fiduciary Net Position is projected to be greater than the benefit payments that are projected to be made in the period; and2. The present value of the benefit payments not in (1) above, discounted using the municipal bond rate.

Glossary of Terms

Entry Age Actuarial Cost Method (EAN)

The EAN is a cost method for allocating the costs of the plan between the normal cost and the accrued liability. The actuarial present value of the projected benefits of each individual included in an actuarial valuation is allocated on a level basis (either level dollar or level percent of pay) over the earnings or service of the individual between entry age and assumed exit age(s). The portion of the actuarial present value allocated to a valuation year is the normal cost. The portion of this actuarial present value not provided for at a valuation date by the actuarial present value of future normal costs is the actuarial accrued liability. The sum of the accrued liability plus the present value of all future normal costs is the present value of all benefits.

Fiduciary Net Position

The Fiduciary Net Position is the market value of the assets of the trust dedicated to the defined benefit provisions.

GASB

The Governmental Accounting Standards Board is an organization that exists in order to promulgate accounting standards for governmental entities.

Long-Term Expected Rate of Return

The long-term rate of return is the expected return to be earned over the entire trust portfolio based on the asset allocation of the portfolio.

Money-Weighted Rate of Return

The money-weighted rate of return is a method of calculating the returns that adjusts for the changing amounts actually invested. For GASB purposes, money-weighted rate of return is calculated as the internal rate of return on pension plan investments, net of pension plan investment expense.

Multiple-Employer Defined Benefit Pension Plan

A multiple-employer plan is a defined benefit pension plan that is used to provide pensions to the employees of more than one employer.

Municipal Bond Rate

The Municipal Bond Rate is the discount rate to be used for those benefit payments that occur after the assets of the trust have been depleted.

Net Pension Liability (NPL)

The NPL is the liability of employers and non-employer contributing entities to plan members for benefits provided through a defined benefit pension plan.

Non-Employer Contributing Entities

Non-employer contributing entities are entities that make contributions to a pension plan that is used to provide pensions to the employees of other entities. For purposes of the GASB accounting statements, plan members are not considered non-employer contributing entities.

Normal Cost

The portion of the actuarial present value allocated to a valuation year is called the normal cost. For purposes of application to the requirements of this Statement, the term normal cost is the equivalent of service cost.

Glossary of Terms

Other Postemployment Benefits (OPEB)

All postemployment benefits other than retirement income (such as death benefits, life insurance, disability, and long-term care) that are provided separately from a pension plan, as well as postemployment health care benefits regardless of the manner in which they are provided. Other postemployment benefits do not include termination benefits.

Real Rate of Return

The real rate of return is the rate of return on an investment after adjustment to eliminate inflation.

Service Cost

The service cost is the portion of the actuarial present value of projected benefit payments that is attributed to a valuation year.

Total Pension Expense

The total pension expense is the sum of the following items that are recognized at the end of the employer's fiscal year:

1. Service Cost
2. Interest on the Total Pension Liability
3. Current-Period Benefit Changes
4. Employee Contributions (made negative for addition here)
5. Projected Earnings on Plan Investments (made negative for addition here)
6. Pension Plan Administrative Expense
7. Other Changes in Plan Fiduciary Net Position
8. Recognition of Outflow (Inflow) of Resources due to Liabilities
9. Recognition of Outflow (Inflow) of Resources due to Assets

Total Pension Liability (TPL)

The TPL is the portion of the actuarial present value of projected benefit payments that is attributed to past periods of member service.

Unfunded Actuarial Accrued Liability (UAAL)

The UAAL is the difference between actuarial accrued liability and valuation assets.

Valuation Assets

The valuation assets are the assets used in determining the unfunded liability of the plan. For purposes of GASB Statement No. 68, the valuation assets are equal to the market value of assets.



October 24, 2025

Ms. Laurie M. Brown
Deputy Chief Financial Officer
Maryland Transit Administration
6 St. Paul Street, Suite 841
Baltimore, Maryland 21202

Dear Ms. Brown:

Please find enclosed copies of the GASB Statement Nos. 67 and 68 Employer Reporting Accounting Schedules report of the Maryland Transit Administration.

Sincerely,
Gabriel, Roeder, Smith & Company

A handwritten signature in black ink, appearing to read "Brad Lee Armstrong". The signature is fluid and cursive, with a long horizontal stroke at the end.

Brad Lee Armstrong, ASA, EA, FCA, MAAA

BLA:rmn
Enclosures

cc: Lisa Lamberth, MTA
Kevin T. Noelke, GRS
Derek Henning, GRS