

**LOWELL REGIONAL
TRANSIT AUTHORITY**

(A Component Unit of the Massachusetts Department of Transportation)

**FINANCIAL STATEMENTS, REQUIRED SUPPLEMENTARY
INFORMATION, AND SUPPLEMENTARY INFORMATION**

YEAR ENDED JUNE 30, 2018

(WITH INDEPENDENT AUDITOR'S REPORT THEREON)

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Year Ended June 30, 2018

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LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Required Supplementary Information

Management's Discussion and Analysis - Unaudited

The following is offered to the readers of the Lowell Regional Transit Authority's financial statements. It is a narrative overview and analysis of the financial performance of the Lowell Regional Transit Authority (the Authority) during the fiscal year ended June 30, 2018. Please read this discussion and analysis in conjunction with the Authority's financial statements which begin on page 8.

This financial report is designed to provide a general overview of the Authority's finances for all those with an interest in the Authority's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to James H. Scanlan, Administrator, Lowell Regional Transit Authority, 115 Thorndike Street, Lowell, Massachusetts 01850.

Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Authority's basic financial statements. The Authority is a special-purpose government engaged in only business type activities. As such, its financial statements consist of only those financial statements required for proprietary funds and the related notes.

Revenue is recorded when earned and expenses are recorded when incurred. The financial statements include a statement of net position, a statement of revenues, expenses and changes in net position, and a statement of cash flows. These are followed by the notes to the financial statements. In addition to the financial statements, this report also contains supplemental schedules pertaining to the net cost of service of the Authority.

The statement of net position presents information on the assets and liabilities, with the difference between the two reported as net position. Over time, increases and decreases in net position may serve as a useful indicator of whether the financial position of the Authority is improving or deteriorating.

The statement of revenues, expenses and changes in net position reports the operating revenues and expenses and nonoperating revenues and expenses of the Authority for the fiscal year with the difference – the increase or decrease in net position – being combined with any capital grants to determine the net change in position for the fiscal year. That change combined with the previous year's end net position total reconciles to the net position total at the end of this fiscal year.

The statement of cash flows reports cash and investment activities for the fiscal year resulting from operating activities, capital and related activities, noncapital and related financing activities and investing activities. The net result of these activities added to the beginning of the year cash and investment balance reconciles to the cash and investment balance of the current fiscal year.

The notes to the financial statements provide additional information that is essential to the understanding of the data provided in the basic financial statements and can be found on pages 13 through 32 of the report.

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Required Supplementary Information

Management's Discussion and Analysis - Unaudited

Condensed Financial Information

Condensed financial information as of and for the years ended June 30, 2018 and 2017 are as follows:

	<u>2018</u>	<u>2017</u>
Current assets	\$ 4,652,527	\$ 4,471,844
Restricted, noncurrent assets, deferred outflows	1,945,007	3,167,987
Capital assets, net	34,995,127	36,393,366
Total assets	<u>41,592,661</u>	<u>44,033,197</u>
Current liabilities	413,398	305,295
Restricted and noncurrent liabilities	6,718,137	8,437,007
Long term liabilities	304,604	-
Total liabilities	<u>7,436,139</u>	<u>8,742,302</u>
Net position:		
Invested in capital assets, net of related debt	34,995,127	36,393,366
Restricted	137,636	137,636
Unrestricted	(976,241)	(1,240,107)
Total net position	<u>\$ 34,156,522</u>	<u>\$ 35,290,895</u>
Operating revenue		
Revenue from transportation	\$ 1,326,599	\$ 1,301,349
Other	1,493,508	1,465,391
Total operating revenues	<u>2,820,107</u>	<u>2,766,740</u>
Operating expenses:		
Transportation services	9,856,864	9,501,784
Other operating expenses	2,027,088	2,036,505
Total operating expenses, excluding depreciation	<u>11,883,952</u>	<u>11,538,289</u>
Depreciation and amortization	3,066,227	3,202,603
Total operating expenses, including depreciation	<u>14,950,179</u>	<u>14,740,892</u>
Operating loss	<u>(12,130,072)</u>	<u>(11,974,152)</u>
Net nonoperating revenue	<u>9,036,762</u>	<u>8,801,768</u>
Loss before capital grants	(3,093,310)	(3,172,384)
Capital grants and contributions	1,667,988	7,951,223
Change in net position	<u>(1,425,322)</u>	<u>4,778,839</u>
Net position:		
Beginning of year	35,290,895	30,512,056
Prior period restatement	290,949	-
End of year net position	<u>\$ 34,156,522</u>	<u>\$ 35,290,895</u>

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Required Supplementary Information

Management's Discussion and Analysis - Unaudited

Financial Highlights

The assets of the Authority exceed its liabilities at the close of the most recent fiscal year by \$34,156,522. The Authorities total net position decreased by \$1,134,373 mainly due to the depreciation of fixed assets. The Authority's expenses, except for depreciation and amortization, are fully funded annually through a combination of federal, state, and local assistance.

The Authority's net position consists of its investment in capital assets (e.g., land, buildings, vehicles, and other equipment). The Authority uses these capital assets to provide fixed route and paratransit services to individuals within its service area; consequently, these net assets are not available for future spending. Although the Authority's investment in capital assets is reported as net of related debt, it should be noted that the resources needed to repay any related debt outstanding must be provided from other sources, since the capital assets themselves cannot be used to liquidate these liabilities.

Key factors in the changes in revenues and expenses are as follows:

- Passenger fares increased \$25,250, or 1.94%, due to a slight increase in ridership during the year.
- Total revenue increased by \$53,367 while total expenses, excluding depreciation, increased by \$345,663.
- Revenues from assessments from member municipalities increased due to new service implemented during the year.
- Federal operating assistance increased by \$238,768 while State operating assistance decreased by \$70,405.

Capital Assets and Debt

The Authority's capital assets as of June 30, 2018 amounted to \$34,995,127 (net of accumulated depreciation). This investment in capital assets includes land, buildings and improvements, transportation equipment, office, and other equipment.

Capital asset additions during the fiscal include the following:

Construction in Progress	\$ 1,319,303
Building Improvements	45,090
Service Equipment	278,821
Office Equipment	18,908
Bus Shelters	5,866
	<u>\$ 1,667,988</u>

The Authority acquires its capital assets under federal capital grants and state matching funds.

At year-end, the Authority had \$5,250,000 of notes outstanding, a decrease of \$50,000 from the prior year.

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Required Supplementary Information

Management's Discussion and Analysis - Unaudited

Economic Factors and Next Year's Budgets

Funding the Authority's net cost of service consists of non-capital expenses less all non-capital revenues, except member municipality assessments and contract assistance from the Commonwealth of Massachusetts. The net cost of service is funded through assessments to member municipalities, which may increase by no more than 2.5% annually plus the members' share of any new services. In Fiscal 2018, the State has continued its funding policy to provide State Contract Assistance currently as opposed to reimbursing as in prior years.

This past year LRTA completed the following Capital Projects:

- Purchased thirteen (13) Paratransit vehicles for the RoadRunner service.
- 2.5-million-dollars Renovation of Gallagher Transportation Terminal Lobby.
- Construction of 2-million-dollar pedestrian bridge walkway linking the Gallagher Transportation Terminal and Thorndike Exchange Building.
- Equipment upgrades that included new bus wash system, new vehicle maintenance lifts and security system.
- Undertook facility repairs that included parking garage calking and sealing, roadway repairs, garage door upgrades and additional LED lighting.

In the upcoming year, the LRTA Capital Program will include:

- Purchase ten (10) 35 ft Buses for Fixed Route service.
- Purchase six (6) Paratransit vehicles for LRTA RoadRunner and Council on Aging Service.
- Purchase of spare parts and building and equipment maintenance parts.

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INDEPENDENT AUDITOR'S REPORT

To the Advisory Board of the
Lowell Regional Transit Authority

We have audited the accompanying financial statements of the Lowell Regional Transit Authority (the Authority), a component unit of the Massachusetts Department of Transportation, which comprise the statement of net financial position as of and for the year ended June 30, 2018, and the related statement of changes in net position, and cash flows 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 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 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 and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of 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.

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 financial position of the Lowell Regional Transit Authority as of June 30, 2018 and the respective changes in its financial position and in its cash flows thereof for year then ended, in accordance with accounting principles generally accepted in the United States of America.

Emphasis of Matter

As described in Notes 8 and 16 to the financial statements, in 2018, the Authority adopted GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefit Plans Other than Pension Plans*. Our opinion is not modified with respect to this matter.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis (located on pages 1 through 4) and certain pension and postemployment benefits information (located on pages 33 through 37) be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquires of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquires, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Authority's basic financial statements. The supplementary information included on pages 38 and 39 are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The Schedules are the responsibility of management and were derived from and relate 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 information is fairly stated in all material respects in relation to the financial statements as a whole.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated November 30, 2018, on our consideration of the Authority's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control over financial reporting and compliance.

Roland P. Lambalot, PC

Methuen, Massachusetts
November 30, 2018

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Statement of Net Position

June 30, 2018

Assets and Deferred Outflows of Resources

Current assets:

Unrestricted cash and short term investments	\$ 914,151
Federal operating assistance receivable	434,968
Receivables from cities and towns	3,083,672
Prepaid expenses	219,736
Total current assets	<u>4,652,527</u>

Restricted and noncurrent assets:

Restricted cash and cash equivalents	25,463
Receivables from cities and towns	1,203,307
Capital assistance receivables	620,649
Capital assets, net	34,995,127
Total noncurrent assets	<u>36,844,546</u>

Total Assets	<u>41,497,073</u>
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Deferred outflows of resources related to pension plans	<u>95,888</u>
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Total assets and deferred outflows of resources	<u><u>\$ 41,592,961</u></u>
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Liabilities and Deferred Inflows of Resources

Current liabilities:

Accounts payable and accrued expenses	\$ 220,637
Compensated absences	93,326
Accrued interest payable	99,435
Total current liabilities	<u>413,398</u>

Restricted and noncurrent liabilities:

Accounts payable	700,912
Net pension liability	1,042,000
Net OPEB liability	(274,775)
Revenue anticipation notes	5,250,000
Total restricted and noncurrent liabilities	<u>6,718,137</u>

Total Liabilities	<u>7,131,535</u>
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Deferred inflows of resources related to pension plans	287,143
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Deferred inflows of resources related to OPEB plans	<u>17,461</u>
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Total liabilities and deferred inflows of resources	<u><u>\$ 7,436,139</u></u>
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Net Position

Invested in capital assets, net of related debt	\$ 34,995,127
Unrestricted - Pension (Note 17)	(1,233,555)
Unrestricted - OPEB (Note 18)	257,314
Restricted (Note 19)	137,636
Total Net Position	<u><u>\$ 34,156,522</u></u>

See accompanying notes to the financial statements

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Statement of Revenues, Expenses, and Changes in Net Position

Year Ended June 30, 2018

Operating Revenues:	
Passenger fares	\$ 1,326,599
Terminal revenues	1,252,346
Other Income	<u>241,162</u>
Total operating revenues	<u>2,820,107</u>
Operating Expenses:	
Transit service	8,207,412
Maintenance	1,649,452
Terminal expenses	1,202,147
GASB 68 pension expense	33,635
General Administration	<u>791,306</u>
Total operating expenses, excluding depreciation	11,883,952
Depreciation	<u>3,066,227</u>
Total operating expenses, including depreciation	<u>14,950,179</u>
Operating loss	<u>(12,130,072)</u>
Nonoperating revenues (expense)	
Operating assistance grants	
Federal operating assistance	2,680,304
Commonwealth of Massachusetts contract assistance	3,537,901
Local Assessments	2,860,434
Interest income	17,085
Interest expense	<u>(58,962)</u>
Total nonoperating revenues	<u>9,036,762</u>
Loss before capital grants	<u>(3,093,310)</u>
Capital grants and contributions	<u>1,667,988</u>
Change in net position	(1,425,322)
Net position, beginning of year	35,290,895
Prior period restatement of net position - GASB 75	<u>290,949</u>
Net position, end of year	<u><u>\$ 34,156,522</u></u>

See accompanying notes to the financial statements

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Statement of Cash Flows

Year ended June 30, 2018

Cash flows from operating activities:	
Passenger fares	\$ 1,326,599
Terminal revenue	1,252,346
Other cash receipts	250,392
Payments to operators	(10,139,743)
Payments to other vendors	(1,418,387)
Payments to employees for services	(431,875)
Net cash used in operating activities	<u>(9,160,668)</u>
Cash flows from noncapital financing activities:	
Proceeds from sale of revenue anticipation notes	5,250,000
Principal paid on revenue anticipation notes	(5,300,000)
Interest paid on revenue anticipation notes	(62,775)
Operating and contract assistance	8,443,178
Net cash provided by noncapital financing activities	<u>8,330,403</u>
Cash flows from financing activities:	
Capital grants	2,203,197
Purchase of capital assets	(1,667,988)
Net cash used by capital and related financing activities	<u>535,209</u>
Cash flows from investing activities:	
Interest income	17,085
Net cash provided by investing activities	<u>17,085</u>
Net increase in unrestricted cash and short term investments and restricted cash	(277,971)
Unrestricted cash and short term investments and restricted cash:	
Beginning of the year	1,217,585
End of year	<u>\$ 939,614</u>
Reconciliation of operating loss to net cash used in operating activities:	
Operating loss	\$ (12,130,072)
Adjustments:	
Depreciation	3,066,227
Net pension liability	(6,552)
Net OPEB liability	33,635
Changes in assets and liabilities	
Other accounts receivable and other assets	(101,674)
Payables and accrued expenses	(22,232)
Net cash used in operating activities	<u>\$ (9,160,668)</u>

See accompanying notes to the financial statements

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Statement of Fiduciary Net Position

June 30, 2018

Assets

	<u>OPEB Trust</u>
Cash and short term investments	\$ 52,271
Investments	
HSCT OPEB Master Trust	<u>571,454</u>
Total current assets	<u><u>\$ 623,725</u></u>

Net Position

Net position restricted for postemployment benefits other than pensions	<u><u>\$ 623,725</u></u>
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See accompanying notes to the financial statements

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Statement of Changes in Fiduciary Net Position

Year Ended June 30, 2018

	<u>OPEB Trust</u>
Additions:	
Employer contributions	\$ -
Investment income	
Net increase in fair value of investments	33,424
Interest and dividends	14,809
Less: investment expenses	<u>(2,891)</u>
Net investment income	<u>45,342</u>
Total additions	<u>45,342</u>
Deductions:	
Benefit Payments	<u>16,701</u>
Total deductions	<u>16,701</u>
Change in net position	28,641
Net position, beginning of year	<u>595,084</u>
Net position, end of year	<u><u>\$ 623,725</u></u>

See accompanying notes to the financial statements

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Notes to Financial Statements

June 30, 2018

Note 1. The Reporting Entity

The Authority, a political subdivision of the Commonwealth of Massachusetts (the Commonwealth), was established in accordance with Chapter 161B of the Massachusetts General Laws to provide a public transit system for the territory comprised of the City of Lowell and the towns of Billerica, Chelmsford, Dracut, Dunstable, Tewksbury, Tyngsboro, Pepperell, Acton, Groton, Townsend, Westford, Maynard, and Carlisle. In accordance with requirements of Statement No. 14, *The Financial Reporting Entity, of the Governmental Accounting Standards Board* (GASB), the financial statements must present the Authority (the primary government) and its component units. Pursuant to this criteria, no component units were identified for inclusion in the accompanying financial statements. Additionally, the accompanying financial statements are incorporated into the financial statements of the Commonwealth as the Authority is a component unit of the Massachusetts Department of Transportation.

Note 2. Summary of Significant Accounting Policies

A. Basis of Accounting

The operations of the Authority are accounted for as an enterprise fund on an accrual basis in order to recognize the flow of economic resources. Under this basis, revenues are recognized in the period in which they are earned, expenses are recognized in the period in which they are incurred, depreciation of assets is recognized, and all assets and liabilities associated with the operation of the Authority are included in the Statements of Net Position. The principal revenues of the Authority are fare box revenues received from patrons and terminal revenues from parking facilities. The Authority also recognizes as operating revenue the rental fees received from vendors from operating leases of Authority property. Operating expenses for the Authority include the costs of operating mass transit and demand responsive services, administrative expenses, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

B. Budget

The Authority must establish an operating budget each year so that the amount will equal the sum of (a) the aggregate of all annual appropriations for expenditures and transfers, less (b) the aggregate of all revenue and transfers projected to be received by the Authority, including available surplus funds. The budget for all operations of the Authority is prepared by the Administrator and is acted upon by the Advisory Board. The budget is prepared on the accrual basis. Depreciation is not recognized as an expense, but capital outlays are recognized as expenses for budgetary control purposes. These expenses are reclassified for the purpose of preparing financial reports in accordance with GAAP.

C. Cash and Cash Equivalents

Cash includes amounts in demand deposits. Cash equivalents include all highly liquid deposits with an original maturity of three months or less when purchased. These deposits are fully collateralized or covered by federal deposit insurance except as stated in Note 2. The carrying amount of the cash equivalents is fair value. For purposes of the statement of cash flows, the Authority considers all highly liquid investments purchased with a maturity of three months or less to be cash equivalents.

LOWELL REGIONAL TRANSIT AUTHORITY
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Notes to Financial Statements

June 30, 2018

D. Compensated Absences

The Authority has recorded a liability for employees' rights to receive compensation for future absences. Employees are granted varying amounts of vacation, personal time and sick leave in accordance with the Authority's personnel policies. Upon termination, employees are paid for accrued vacation time and up to 30 days of unused sick time but not for personal time. Accordingly, a liability entitled Compensated Absences is shown as a current liability on the accompanying financial statements. The balance at June 30, 2018 was \$93,326.

E. Capital Assets

Capital assets are stated at cost. Cost includes not only purchase price or construction cost, but also ancillary charges necessary to place the asset in condition for use.

F. Depreciation

The Authority provides for depreciation using the straight-line method. Depreciation is intended to distribute the cost of depreciable properties over the following estimated average useful lives:

Buildings	30 years
Vehicles	5-12 years
Passenger Shelters	5 years
Furniture, fixtures and equipment	5-7 years

G. Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

H. Concentration of Credit Risk

Financial instruments which potentially subject the Authority to concentrations of credit risk consist principally of investments, cash equivalents and grants receivable. The Authority's cash equivalents were with various credit-worthy financial institutions; investments consisted of grants receivable from Federal and State grants and local assessments. The Authority considers the credit risk associated with financial instruments to be minimal.

I. Investments

Investments consist of short term investments in the Massachusetts Municipal Depository Trust (MMDT), which is an external investment pool that is overseen by the Massachusetts State Treasurer. MMDT is recorded at its net asset value per share, or NAV, which is equal to \$1.00 per share.

LOWELL REGIONAL TRANSIT AUTHORITY
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Notes to Financial Statements

June 30, 2018

J. Available Unrestricted Resources

The Authority's policy is to utilize available unrestricted resources prior to restricted resources.

K. Statement of Net Position

The statement of net position presents all of the Authority's assets and liabilities, with the difference reported as net position. Net position is reported in three categories:

Net investment in capital assets consists of capital assets, net of accumulated depreciation and reduced by outstanding balances for bonds, notes and other debt that are attributed of the acquisition, construction or improvement of those assets.

Restricted net position results when constraints placed on net position use are either externally imposed by creditors, grantors, contributors, and the like, or imposed by law through enabling legislation.

Unrestricted net position consists of net position which does not meet the definition of the two preceding categories.

L. Restricted Assets and Restricted Liabilities

Restricted assets are restricted for the acquisition of capital assets and the reserve for extraordinary expense. Restricted liabilities are amounts payable from the restricted assets.

M. Pension Plans

For purposes of measuring the Authority's net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Lowell Retirement System (LRS) and additions to/deductions from the LRS's fiduciary position have been determined on the same basis as they are reported by LRS. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value.

N. Deferred Outflows/Inflows of Resources

The Authority accounts for certain transactions that result in the consumption or acquisition of one period that are applicable to future periods as deferred outflows and inflows, respectively, to distinguish them from assets and liabilities. For fiscal 2018, the Authority has reported deferred outflows and deferred inflows that are related to its pension plan.

O. Postemployment Benefits Other Than Pensions (OPEB)

For purposes of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the OPEB trust and additions to/deductions from the Trust's fiduciary net position have been determined on the same basis as they are reported by the trust. For this purpose, benefit payments are recognized when due and payable in accordance with benefit terms. Investments are reported at fair value.

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Notes to Financial Statements

June 30, 2018

P. New Accounting Pronouncements

During Fiscal 2017 GASB the following Statements were adopted and implemented, when necessary, by the Authority. The adoption of these standards did not have a material impact on the Authority's financial statements with the exception of GASB 75 as noted

- No. 75 – *Accounting and Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*
- No. 81 – *Irrevocable Split-Interest Agreements*
- No. 83 – *Certain Asset Retirement Obligations*
- No. 84 – *Fiduciary Activities*
- No. 85 – *Omnibus*
- No. 86 – *Pension Issues*

The GASB has issued the following statements which require adoption subsequent to June 30, 2018 and are applicable to the Authority. The Authority has not yet adopted these statements, and the implications on the Authority's fiscal practices and financial reports are being evaluated.

- No. 83 – *Certain Asset Retirement Obligations* – effective FY2020
- No. 84 – *Fiduciary Activity* – effective FY2020
- No. 87 – *Leases* – effective FY2021
- No. 88 – *Certain Disclosures Related to Debt, including Direct Borrowings and Direct Placements* – effective FY2019
- No. 89 – *Accounting for Interest Cost Incurred before the End of a Construction Period* – effective FY2021

Note 3. Unrestricted Cash, Restricted Cash, and Short Term Investments

The following represents essential risk information about the Authority's deposits and investments.

A. Investment Policy

State and local statutes place certain limitations on the nature of deposits and investments available to the Authority. Deposits (including demand deposits, term deposits and certificates of deposit) in any one financial institution may not exceed certain levels without collateralization by the financial institutions involved. Investments can also be made in securities issued by or unconditionally guaranteed by the U.S. Government or Agencies that have a maturity of less than one year from the date of purchase, repurchase agreements guaranteed by such securities with maturity dates of no more than 90 days from the date of purchase and units in the Massachusetts Municipal Depository Trust ("MMDT").

B. 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 to it. The government does not have a deposit policy for custodial risk. As of June 30, 2018, \$868,500 of the government's bank balance of \$2,290,786 was exposed to custodial credit risk as uninsured and uncollateralized.

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C. Interest Rate Risk

As of June 30, 2018, the Authority's primary short-term investment was in the State Treasurer's investment pool, MMDT. The fair value of the MMDT investment at June 30, 2018 was \$1,172,286 and its average maturity is less than one year.

D. Credit Risk

As of June 30, 2018, the Authority's investment in the state investment pool, MMDT, was not rated.

E. Fair Value Measurements

The Authority categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs.

Because MMDT is measured at net asset value, it is not required to be measured within the fair value hierarchy described above.

F. Liquidity

MMDT does not place any limitation or restrictions on participant withdrawals. MMDT has no redemption restrictions.

G. Restricted Cash

Restricted cash is segregated from operating cash due to being restricted for capital asset purchases.

Note 4. Grants

Under various sections of Fixing America's Surface Transportation Act (Pub. L1 114-94; 12/4/2015 – FAST Act), the United States Department of Transportation approves capital grants to fund up to 80% of the Authority's capital improvement projects. The remaining portion of approximately 20% will be financed through the Commonwealth's Executive Office of Transportation.

The Authority is also eligible for grants for operating or contract assistance from the United States Department of Transportation. Pursuant to Section IX of the Act, as amended, the federal government may fund up to 50% of the Authority's net cost of service, as defined. Such funds for fiscal year 2018 amounted to \$2,680,304

The Authority has a contract with the Commonwealth for operating assistance as provided for in the enabling legislation under which the Commonwealth will pay the Authority a portion of its net cost of service. The amount of this contract assistance for fiscal year 2018 was \$3,537,901.

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Note 5. Capital Assets

The following is a summary of changes in Capital Assets at June 30, 2018:

	Beginning balance	Additions	Disposals	Ending balance
Capital assets not being depreciated:				
Land	\$ 1,454,571	-	-	1,454,571
Construction in progress	3,376,328	1,319,303	-	4,695,631
Total capital assets not being depreciated	4,830,899	1,319,303	-	6,150,202
Other capital assets:				
Buildings and improvements	49,057,952	45,090	-	49,103,042
Transit equipment	18,561,114	-	100,680	18,460,434
Service equipment	1,341,944	278,821	-	1,620,765
Service vehicles	498,168	-	-	498,168
Office equipment	112,831	18,908	-	131,739
Bus shelters	75,228	5,866	-	81,094
Total other capital assets at historical cost	69,647,237	348,685	100,680	69,895,242
Less accumulated depreciation for:				
Buildings and improvements	27,153,587	1,344,444	-	28,498,031
Transit equipment	9,324,242	1,622,936	100,680	10,846,498
Service equipment	1,020,831	63,825	-	1,084,656
Service vehicles	421,127	28,891	-	450,018
Office equipment	89,755	6,033	-	95,788
Bus shelters	75,228	98	-	75,326
Total accumulated depreciation	38,084,770	3,066,227	100,680	41,050,317
Other capital assets, net	31,562,467	(2,717,542)	-	28,844,925
Total capital assets, net	\$ 36,393,366	(1,398,239)	-	34,995,127

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Note 6. Revenue Anticipation Notes

At June 30, 2018, the Authority had \$5,250,000 of revenue anticipation notes (RAN) outstanding. The RANs have a weighted average net interest cost (NIC) of 1.122% and are due August 10, 2018.

	Outstanding at June 30 2017	Issued	Retired	Outstanding at June 30 2018
0.781% revenue anticipation note	\$ 5,300,000	-	5,300,000	-
1.122% revenue anticipation note	-	5,250,000	-	5,250,000
Total	<u>\$ 5,300,000</u>	<u>5,250,000</u>	<u>5,300,000</u>	<u>5,250,000</u>

Subsequent to the year end, the Authority retired \$5,250,000 of the notes outstanding at year end. The retirement was financed by the borrowing of \$5,300,000 of revenue anticipation notes with a weighted average interest cost of 1.924% and are due August 9, 2019. The Authority uses the proceeds of these notes to fund its mass transit operations. The RAN is considered short term debt that is expected to be refinanced and is included in the accompanying Statement of Net Position as a noncurrent liability.

Note 7. Pension Plan

General Information about the Pension Plan

A. Plan Description

The Lowell Contributory Retirement System (LCRS) is multiple- employer, cost sharing, contributory defined benefit pension plan covering all employees of the government member units deemed eligible by the Lowell Contributory Retirement Board (Board), with the exception of school department employees who serve in a teaching capacity. The pensions of such school employees are administered by the Commonwealth of Massachusetts' Teachers Retirement System. Membership in the System is mandatory upon the commencement of employment for all permanent employees working a minimum of 20 hours per week. Participating member units include the City of Lowell, the City of Lowell School Department (Non Teachers), the Lowell Housing Authority, and the Lowell Regional Transit Authority.

The System is a member of the Massachusetts Contributory Retirement System and is governed by Chapter 32 of the Massachusetts General Laws. The Public Employee Retirement Administration Commission (PERAC) is the state agency responsible for oversight of the Commonwealth's public retirement systems.

The Retirement Board is responsible for maintaining records of member employee contributions, for determining eligibility for retirement due to any service and disability, or for the payment of retirement benefits. The System is governed by five member Board who establish the policies under which the System operates. Board members are appointed or elected as specified by Massachusetts General Laws (MGL) CH. 32, Section 20 for terms not to exceed 3 years.

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B. Benefits Provided

Massachusetts contributory retirement system benefits are, with certain exceptions such as cost of living adjustments which can be adopted by the Board from time to time, uniform from system to system. The System provides for retirement allowance benefits up to a maximum of 80% of a member's highest three-year average annual rate of regular compensation. For persons who became members on or after April 2, 2012, average salary is the average annual rate of regular compensation received during the five consecutive years that produce the highest average, or, if greater, during the last five years (whether or not consecutive) preceding retirement. Benefit payments are based upon a member's age, length of creditable service, level of compensation, and group classification.

There are three classes of membership in the retirement system: group 1, group 2, and group 4. Group 1 consists of general employees which includes clerical and administrative positions. Group 2 consists of positions that have been specified as hazardous. Lastly, group 4 consists of police officers, firefighters, and other hazardous positions.

Members become vested after ten years of creditable service. A superannuation retirement allowance may be received upon the completion of 20 years of service or upon reaching the age of 55 with 10 years of service. Normal retirement for most employees occurs at age 65 (except for certain hazardous duty and public safety positions, whose normal retirement is at age 55).

A retirement allowance consists of two parts: an annuity and a pension. A member's accumulated total deductions and the interest they generate constitute the annuity. The differential between the total retirement benefit and the annuity is the pension. The average retirement benefit is approximately 80-85% pension and 15-20% annuity.

The pension portion of any retirement benefit is paid from the Pension Fund of the System. The governmental unit employing the member must annually appropriate and contribute the amount of current-year pension assessment. MGL Chapter 32 requires that systems be on an actuarially determined funding schedule to be fully funded by 2040. Under the current funding schedule, the System will be fully funded by 2036.

Administrative expenses, which were previously appropriated from the governmental entities whose employees are members of the system, are now paid from investment income.

Members who become permanently and totally disabled for further duty may be eligible to receive a disability retirement allowance. The amount of benefits to be received in such cases is dependent on several factors, including whether or not the disability is work related, the member's age, years of creditable service, level of compensation, veteran's status and group classification.

Employees who resign from service and who are not eligible to receive a retirement allowance or are under the age of 55 are entitled to request a refund of the accumulated total deductions.

Survivor benefits are extended to eligible beneficiaries of members whose death occurs prior to or following retirement.

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C. Funding Policy

Active members contribute between 5 and 11% of their gross regular compensation. The percentage rate is keyed to the date upon which an employee's membership commences. These deductions are deposited in the Annuity Savings Fund and earn an interest rate determined by the Public Employee Retirement Administration Commission's (PERAC) actuary. When a member's retirement becomes effective, his/her deductions and related interest are transferred to the Annuity Reserve Fund. Any cost-of-living adjustments granted between 1981 and 1997 and any increase in other benefits imposed by the Commonwealth of Massachusetts' state law during those years are borne by the Commonwealth and are deposited into the Pension Fund. Cost-of-living adjustments granted after 1997 must be approved by the System and all costs are borne by the System. The Authority is required to pay into the Retirement System its share of the system-wide actuarially determined contribution, which is apportioned among the employers, based on active covered payroll. The Authority's contribution to the Retirement System for the year ended June 30, 2018 was \$105,714, which equaled its required contribution for the year.

Pension Liabilities, Pension expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions

At June 30, 2018, the Authority reported a liability of \$1,042,000 for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2017, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of January 1, 2017. Update procedures were used to roll forward the total pension liability to December 31, 2017. The Authority's proportion of the net pension liability was based on a projection of the long-term share of contributions to the pension plan relative to the projected contributions of all participating employers, actuarially determined. At December 31, 2017, the Authority's proportion of net pension liability was 0.404 percent.

Since LCRS performs an actuarial valuation bi-annually, there are no reported amounts for changes in benefit terms differences between expected and actual experience and changes in assumptions as of December 31, 2017.

In the LCRS Financial Statements for the year ended December 31, 2017, in addition to assets, the statement of fiduciary net position will sometimes report a separate section for deferred outflow of resources. This separate financial statement element, *deferred outflows of resources*, represents a consumption of fiduciary net position that applies to a future period (s) and so will not be recognized as an outflow of resources (deduction) until then. The LCRS did not have any items that qualify for reporting in this category.

In addition to liabilities, the statement of fiduciary net position will sometimes report a separate section for deferred inflow of resources. This separate financial statement element, *deferred inflow of resources*, represents an acquisition of net position that applies to future period (s) and so will not be recognized as an inflow of resources (addition) until that time. The LCRS did not have any items that qualify for reporting in this category.

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For the year ended June 30, 2018, the Authority recognized pension expense of \$99,162 and reported deferred outflows and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Difference between expected and actual experience	\$ 11,743	\$ 29,799
Net difference between projected and actual investment earnings on pension plan investments	-	48,130
Change of assumptions	64,167	-
Changes in proportion and differences between employer contributions and proportionate share of contributions	19,678	209,214
	<u>\$ 95,588</u>	<u>\$ 287,143</u>

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

	Deferred Outflows of Resources	Deferred Inflows of Resources
Year ended June 30:		
2019	\$ 9,664	\$ 29,025
2020	10,438	31,361
2021	20,026	60,163
2022	32,051	96,278
2023	21,086	63,345
Thereafter	2,323	6,971

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A. Actuarial Assumptions

The total pension liability was determined by an actuarial valuation as of January 1, 2017, rolled forward to the plan's measurement date of December 31, 2017 using the following assumptions:

Valuation date	January 1, 2017
Actuarial cost method	Individual entry age normal cost method
Amortization method - UAAL	Increasing dollar amount at 4% to reduce the Unfunded Actuarial Accrued Liability to zero on or before June 30, 2036, with annual increases in appropriations limited to 5%.
Amortization method - 2003 ERI Actuarial Liability	Level dollar amount to reduce the 2003 ERI Actuarial Accrued Liability to zero on or before June 30, 2020.
Remaining amortization period	Difference between projected and actual earnings: 5 year straight-line amortization. All other amounts: Straight-line amortization over the average expected remaining service lives of all members that are provided with benefits (active, inactive and retirees) as of the beginning of the measurement period.
Asset valuation method	The Actuarial Value of Assets is the market value of assets as of the valuation date reduced by the sum of: <ul style="list-style-type: none"> a) 80% of gains and losses of the prior year, b) 60% of gains and losses of the second prior year, c) 40% of gains and losses of the third prior year and d) 20% of gains and losses of the fourth prior year. Investment gains and losses are determined by the excess or deficiency of the expected return over the actual return on the market value. The actuarial valuation of assets is further constrained to be not less than 90% or more than 110% of market value.
Investment rate of return	7.75%, net pension plan investment expense, including inflation.
Discount rate	7.75%
Inflation	3.0 percent
Projected salary increases	6%-4.25% for Group 1 (based on service) 7%-4.75% for Group 4 (based on service)
Payroll growth	3.5% per year
Cost of living adjustments	3% of the pension amount, capped at \$510 per year
Mortality rates:	RP-2000 Mortality Table (base year 2009) with full generational generational mortality improvement using Scale BB. For disabled members RP-2000 Mortality Table (base year 2015) with full generational mortality improvement using Scale BB. Previously, RP-2000 Mortality Table projected to 2012 Scale AA.

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Investment policy: The pension plan's policy in regard to the allocation of invested assets in the Pension Reserve Investment Trust (PRIT) is established by the Pension Reserves Investment Management Board (PRIM). The policy with regard to the allocation of all other invested assets is established by the Retirement Board. Plan assets are managed on a total return basis with a long-term objective of achieving a fully funded status for the benefits provided through the pension plan.

The long term expected rate of return on pension plan investments was determined using a building block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class in the pension plan's target asset allocation as of December 31, 2017 are summarized in the following table:

<u>Asset Class</u>	Long-term	
	<u>Target</u> <u>Allocation</u>	<u>Expected Real</u> <u>Rate of Return</u>
Global equity	40.00%	4.91%
Fixed income	22.00%	2.04%
Private equity	11.00%	6.50%
Real estate	10.00%	3.70%
Timber/natural resources	4.00%	3.25%
Hedge funds and portfolio completion	13.00%	3.40%
Total	<u>100.00%</u>	

B. Discount Rate

The discount rate used to measure the total pension liability was 7.75 percent. The projection of cash flows used to determine the discount rate assumed plan member contributions will be made at the current contribution rates and that contributions from plan members will be made at the current contribution rates and that contributions from participating employers will be made in accordance with Sections 22D and 22F of Chapter 32 of the Massachusetts General Laws. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

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C. Sensitivity of the Authority's proportionate share of the net pension liability to changes in the discount rate

The following presents the Authority's proportionate share of the net pension liability calculated using the discount rate of 7.75 percent, as well as what the Authority's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (6.75 percent) or 1-percentage-point higher (8.75 percent) than the current rate:

	1% Decrease 6.75%	Discount Rate 7.75%	1% Increase 8.75%
Authority's proportionate share of the net pension liability	\$ 1,331,356	\$ 1,042,000	\$ 797,061

D. Changes in Actuarial Assumptions and Plan Provisions

Changes in Assumptions

The following assumption changes were reflected in the January 1, 2017 actuarial valuation:

- The investment return rate was changed from 8% to 7.75%.
- The administrative expenses assumption was increased to \$400,000 from \$350,000.

Change in Plan Provisions

None.

E. Pension plan fiduciary net position

Detailed information about the pension plan's fiduciary net position is available in the separately issued LCRS financial report that can be obtained from the Lowell Contributory Retirement System, 375 Merrimack Street Basement, Room 3, Lowell, Massachusetts, 01852.

Other Pension Plans

The Authority also administers a deferred compensation plan through which employees can participate in a voluntary, payroll-deducted retirement program created in accordance with Internal Revenue Code Section 457. The deferred compensation is not available to employees until termination, retirement, death approved or unforeseeable emergency. All amounts of compensation deferred, property purchased with those amounts, and all income attributable to those amounts are held in trust for the exclusive benefit of participants and their beneficiaries.

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Note 8. Other Postemployment Benefit (OPEB) Disclosures

The Authority established an Other Post-Employment Benefits (OPEB) Irrevocable Trust. The trust was established for the sole purpose of providing for the advance funding of future costs of retired employee health insurance and other benefits provided to retirees. During the fiscal year ended June 30, 2018, the Authority implemented GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pension*, as a result the net position as of June 30, 2017 was restated by \$290,949.

A. Net OPEB Liability

The Authority's net OPEB liability was measured as of June 30, 2018 for the year ended June 30, 2018, and the total OPEB liability used to calculate the net OPEB liability was determined by an actuarial valuation as of June 30, 2018.

B. Changes in the Net OPEB Liability

	Increase (Decrease)		
		Plan	
	Total OPEB Liability	Fiduciary Net Position	Net OPEB Liability
	(a)	(b)	(a) - (b)
Balances at 6/30/17	\$ 304,135	\$ 595,084	\$ (290,949)
Changes for the year:			
Service cost	45,437	-	45,437
Interest	33,540	-	33,540
Differences between expected and actual experience	(17,461)	-	(17,461)
Net investment income	-	48,233	(48,233)
Benefit payments	(16,701)	(16,701)	-
Administrative expense	-	(2,891)	2,891
Net Changes	44,815	28,641	16,174
Balances at 6/30/18	\$ 348,950	\$ 623,725	\$ (274,775)

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Sensitivity of the total OPEB liability to changes in the discount rate. In the event the discount rate were 1 percent higher or lower than forecast and employee contributions were to increase at the forecast rates, the total OPEB liability as of June 30, 2018 would change as follows:

	1% decrease <u>2.38%</u>	Current discount rate <u>3.38%</u>	1% increase <u>4.38%</u>
Net OPEB liability (Asset)	\$ (241,992)	\$ (274,775)	\$ (303,689)

Sensitivity of the total OPEB liability to changes in the healthcare trend. In the event that healthcare trend rates were 1 percent higher or lower than forecast and employee contributions were to increase at the forecast rates, the total OPEB liability as of June 30, 2018 would change as follows:

	1% decrease <u>3.60%</u>	Current trend rate <u>4.60%</u>	1% increase <u>5.60%</u>
Net OPEB liability (Asset)	\$ (304,375)	\$ (274,775)	\$ (241,829)

C. OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB

For the year ended June 30, 2018, the Authority recognized OPEB expense of \$33,635. At June 30, 2018, the Authority reported deferred inflows of resources related to OPEB from the following sources:

	<u>Deferred Inflows of Resources</u>
Net difference between projected and actual earnings on OPEB plan investments	<u>\$ 17,461</u>

Amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

Year ended June 30:

2019	\$ (4,365)
2020	(4,365)
2021	(4,365)
2022	(4,366)

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Note 9. Risk Management

In conjunction with its normal operations, the Authority is exposed to various risks related to the damage or destruction of its assets from both natural and man-made occurrences, tort/liability claims, errors and omissions claims and professional liability claims. As a result of these exposures, the Authority has developed a comprehensive risk management program. There have been no significant reduction in coverage from the prior year and settlements have not exceeded insurance coverage for the current year or in any other year.

GASB Statement No. 10, *Accounting and Financial Reporting for Risk Financing and Related Insurance Issues*, requires that liabilities for self-insured claims be reported if it is probable that a loss has been incurred and the amount can be reasonably estimated. These losses include an estimate of claims that have been incurred but not reported. The estimated liability for all self-insured losses incurred but not reported is not material at June 30, 2018.

Note 10. Disaggregation of Receivable and Payable Balances

Receivables are primarily comprised of current intergovernmental receivables representing 99.97% of the balance at year end. The remaining current receivables are comprised of amounts due from vendors and auxiliary revenue sources. Payable balances are comprised of 90.63% current payables to contractors and vendors with the remaining balance representing deferred employee liabilities.

Note 11. Commitments and Contingent Liabilities

A. Capital Investment Program

The Authority's capital investment continuing program for mass transportation development has projects in service and in various stages of approval, planning, and implementation. The following table shows, as of June 30, 2018, capital projects costs approved, expenditures against these projects, and estimated costs to complete these projects, as well as the major funding sources.

Funding Source	Approved project costs	Expenditures through June 30, 2018	Unexpended costs
Federal grants	\$ 7,915,865	5,869,830	2,046,035
State and local sources	11,038,148	5,087,221	5,950,927
Total	<u>\$ 18,954,013</u>	<u>10,957,051</u>	<u>7,996,962</u>

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The terms of the federal grant contracts require the Authority to, in part, utilize the equipment and facilities for the purposes specified in the grant agreement, maintain these items in operation for a specified time period, which normally approximates the useful life of the equipment, and to comply with the Equal Employment Opportunity and Affirmative Action programs required by Fixing America's Surface Transportation (FAST) Act. Failure to comply with these terms may jeopardize future funding and require the Authority to refund a portion of these grants to the Federal Transit Administration (FTA). In management's opinion, no events have occurred that would result in the termination of the grants or require the refund of a significant amount of funds received under these grants.

B. Legal and Other

The Authority is a defendant in various litigations. Although the outcomes of these matters are not presently determinable, in the opinion of the Authority's management, the resolution of these matters will not have a material adverse effect on the financial condition of the Authority.

The Authority had entered into a three year agreement for fixed route management and preventive maintenance services effective July 1, 2015. The contract has a termination date of June 30, 2018 and was extended for two more years. The Authority had also entered into a three year management agreement for the provision of its demand responsive services effective July 1, 2014. That contract has a termination date of June 30, 2017. The Authority elected to renew the contract for two additional years.

The State changed its methodology for reimbursing the Authority for local member community assessments presented in current and past audits. This change affected all Transit Authorities in the Commonwealth with the exception of the MBTA. LRTA has accumulated \$1,203,307 in shortages going back to fiscal 2008. Discussions have been going on through the Authority's representative, the Massachusetts Association of Regional Transit Authorities (MARTA). Little progress has been made in resolving this matter. The state changed the format of current reimbursement to two years in arrears.

C. Fuel Contracts

The Authority had the following contracts outstanding during the fiscal year:

<u>Product</u>	<u>Term</u>	<u>Gallons</u>	<u>Price</u>
Unleaded Gasoline	1/1/17 - 12/31/17	75,000	\$ 1.44
Ultra Low Sulfur Diesel	1/1/17 - 12/31/17	300,000	1.49

The Authority did not enter into any fuel contracts up to the date of the release of the financial statements.

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Note 12. Net Assets – Investments in Capital Assets

This balance is represented by the amount invested in capital assets net of related debt. It is comprised of the following:

Cost of Capital Assets Acquired	\$ 76,045,444
Less: Accumulated Depreciation	41,050,317
Less: Outstanding Debt Related to Capital Assets	<u>-</u>
	<u><u>\$ 34,995,127</u></u>

Note 13. Transit Service

The operation of the Authority's fixed route service and maintenance of the Authority's transportation property were performed by Lowell Transportation Management, Inc. under the terms of an agreement whereby Lowell Transportation Management, Inc. operated mass transit along such routes and according to such schedules as defined by the Authority. In return, the Authority agreed to pay Lowell Transportation Management, Inc. a management fee and to reimburse it for all costs and expenses which were reasonable and necessary for the efficient operation of the service.

The operation of the Authority's "road runner" bus service for the elderly, handicapped, and low-income persons is performed by Lowell Transit Management, Corp. In return, the Authority agrees to pay Lowell Transit Management, Corp. a management fee and to reimburse it for all costs and expenses which were reasonable and necessary for the efficient operation of the service.

The Authority enters into an annual contract with each of the Towns of Acton, Billerica, Chelmsford, Dracut, Groton, Maynard, Townsend, Tyngsboro, and Westford to provide paratransit services for the elderly, handicapped, and low-income persons who are unable to use the fixed route service. Service policies are defined by the Authority, which has agreed to reimburse for all reasonable and necessary expenses for the efficient operation of the paratransit service.

Note 14. Executive Compensation

Administration and Finance regulations, 801 CMR 53.03(2), on Executive Compensation require that the Authority disclose in the annual financial statements the "salaries and other compensation of its executive director, officers, board members and other highly compensated employees". Compensation is defined in the regulation, 801 CMR 53.04 (1) to include "base salary, bonuses, severance, retirement or deferred compensation packages and policies relative to the accrual and payment of sick and vacation time, including payouts for unused sick and vacation time". The administrator and the chief financial officer are the only individuals for whom disclosure is required. Based on the above definition of compensation the administrator received \$134,802 during the fiscal year while the chief financial officer received \$116,478. Advisory Board members and officers do not receive compensation.

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Note 15. Related Party

The Authority is deemed to be a related part of the Commonwealth of Massachusetts and the Massachusetts Department of Transportation due to its status as a component unit. Related party transactions consisted of Operating Assistance of \$3,537,901; State Capital Assistance of \$1,635,400; Federal pass-through funds of \$9,897; and Local Assessments of \$2,860,434 to be paid to the Authority by the Commonwealth. Related party receivables consist of \$4,286,979 in local operating assistance to be billed to the Communities constituting the Authority and \$345,231 of State Capital Assistance.

Note 16. Change in Accounting Principle

Net position as of June 30, 2017 has been restated as follows for the implementation of GASB Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*.

Net position, as previously reported, at June 30, 2017	\$ 35,290,895
Prior period adjustment:	
Reporting for postemployment benefits other than pensions (measurement date as of June 30, 2017)	<u>290,949</u>
Net position, as restated, at June 30, 2017	<u><u>\$ 35,581,844</u></u>

Note 17. Unrestricted Net Position - Pension

The balance in the Unrestricted Net Position - Pension on the Statement of Net Position, reflects the effect of the presentation of the net pension liability required by GASB 68 that is listed as a noncurrent liability. This requirement was effective with the fiscal year ended June 30, 2015.

Note 18. Unrestricted Net Position – OPEB

The balance in the Unrestricted Net Position – OPEB on the Statement of Net Position, reflects the effect of the net OPEB liability required by GASB 75 that is listed as a noncurrent liability. This requirement was effective with the fiscal year ended June 30, 2018.

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Notes to Financial Statements

June 30, 2018

Note 19. Restricted Net Position

In accordance with Section 6(q) of Chapter 161B of the General Laws of the Commonwealth, the Authority is allowed to establish a reserve account for the purpose of meeting the cost of extraordinary expense that are both unusual in nature and infrequent in occurrence. The total reserve amount may not exceed 20% of the prior year's local assessment and the annual funding cannot exceed 3% of the current year's local assessment. The accumulated aggregate reserve is \$83,369 which represented approximately 3% of the applicable local assessment of \$2,778,960 at the date that the reserve was established.

Chapter 161B of the General Laws of the Commonwealth has been amended to allow the Authority to establish a stabilization fund, which can be accessed for capital improvements or to offset an unforeseen and dramatic loss of revenue within a fiscal year and to pay current expenses after implementing all efficiencies and savings possible. The Authority maintains a stabilization fund in the amount of \$54,267.

Note 20. Subsequent Events

The Authority has evaluated subsequent events to June 30, 2018 through November 30, 2018, the date on which the financial statements were available for issuance, and determined that there are no material items that would require recognition or disclosure in the Authority's financial statements.

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Required Supplementary Information (Unaudited)

Schedule of the Authority's Proportionate Share of the Net Pension Liability and Related Ratios

Last 10 Fiscal Years

	Authority's proportion of the net pension liability	Authority's proportionate share of the net pension liability	Authority's covered-employee payroll	Authority's proportionate share of the net pension liability as a percentage of its covered-employee payroll	Plan fiduciary net position as a percentage of total pension liability
2018	0.404%	\$ 1,042,000	\$ 388,178	268.43%	59.57%
2017	0.493%	\$ 1,441,415	\$ 398,413	361.79%	52.99%
2016	0.480%	\$ 1,339,816	\$ 384,940	348.06%	52.64%
2015	0.500%	\$ 1,095,296	\$ 402,779	271.93%	58.94%

Notes to Required Supplementary Information

Measurement Date

The amounts presented in this schedule were determined as of December 31, 2017.

Schedule Presentation

This schedule is intended to present information for 10 years. Until a 10-year trend is compiled, information is presented for those years for which information is available.

Changes Information

Since the Lowell Contributory Retirement System performs an actuarial valuation bi-annually, there are no reported amounts for the changes in benefit terms, differences between expected and actual experience and changes in assumptions as of December 31, 2017.

See accompanying independent auditors' report.

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Required Supplementary Information (Unaudited)

Schedule of Pension Contributions

Last 10 Fiscal Years

	Actuarially required contribution	Contributions in relation to the actuarially required contribution	Contribution deficiency (excess)	Covered-employee payroll	Contributions as a percentage of its covered-employee payroll
2018 \$	105,714	105,714 \$	-	\$ 388,178	27.23%
2017 \$	121,836	121,836 \$	-	\$ 398,413	30.58%
2016 \$	104,627	104,627 \$	-	\$ 384,940	27.18%
2015 \$	109,441	109,441 \$	-	\$ 402,779	27.17%

Notes to Required Supplementary Information

Schedule Presentation

This schedule is intended to present information for 10 years. Until a 10 year trend is compiled, information is presented for those years for which information is available.

Contributions

The Authority is required to pay an annual appropriation as established by the Massachusetts Contributory Retirement System. The total appropriation includes the amounts to pay the pension portion of each member's retirement allowance, an amount to amortize the actuarially determined unfunded liability to zero in accordance with adopted early retirement incentive programs.

See accompanying independent auditors' report.

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Required Supplementary Information (Unaudited)

Schedule of Changes in the Authority's Net OPEB Liability and Related Ratios

Last 10 Fiscal Years

	<u>2018</u>
Total OPEB liability	
Service cost	\$ 45,437
Interest	33,540
Benefit payments	(16,701)
Differences between expected and actual experience	<u>(17,461)</u>
Net change in total OPEB liability	44,815
Total OPEB liability - beginning	<u>304,135</u>
Total OPEB liability - ending (a)	<u><u>\$ 348,950</u></u>
Plan fiduciary net position	
Contributions - employer	\$ -
Net investment income	48,233
Benefit payments	(16,701)
Administrative expenses	<u>(2,891)</u>
Net change in plan fiduciary net position	28,641
Plan fiduciary net position - beginning	<u>595,084</u>
Plan fiduciary net position - ending (b)	<u><u>\$ 623,725</u></u>
Authority's net OPEB liability - ending (a) - (b)	<u><u>\$ (274,775)</u></u>
Plan fiduciary net position as a percentage of the total OPEB liability	179%
Covered-employee payroll	\$ 370,439
Authority's net OPEB liability as a percentage of covered-employee payroll	N/A

Notes to Required Supplementary Information

Per paragraph 62 of GASB Statement No. 74, the Authority is not required to retrospectively present its 10 year RSI schedules, as this information was not available at transition and historical information was not measured in accordance with the parameters of GASB Statement No. 74.

See accompanying independent auditors' report.

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Required Supplementary Information (Unaudited)

Schedule of OPEB Contributions

Year Ended June 30, 2018

	Actuarially determined contribution	Contributions in relation to the actuarially determined contribution	Contribution deficiency (excess)	Covered-employee payroll	Contributions as a percentage of its covered-employee payroll
2018 \$	(12,708)	-	\$ (12,708)	\$ 370,439	-3.43%

Notes to Required Supplementary Information

Per paragraph 62 of GASB Statement No. 74, the Authority is not required to retrospectively present its 10 year RSI schedules, as this information was not available at transition and historical information was not measured in accordance with the parameters of GASB Statement No. 74.

See accompanying independent auditors' report.

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Required Supplementary Information (Unaudited)

Schedule of Investment Returns - OPEB Trust

Last 10 Fiscal Years

	<u>2018</u>
Annual money-weighted rate of return, net of investment expense	7.62%

Notes to Required Supplementary Information

Per paragraph 62 of GASB Statement No. 74, the Authority is not required to retrospectively present its 10 year RSI schedules, as this information was not available at transition and historical information was not measured in accordance with the parameters of GASB Statement No. 74.

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Schedule of Net Cost of Service

For the Year Ended June 30, 2018

OPERATING COSTS

LRTA administrative costs	\$ 797,858
Purchased services	
Fixed route	7,527,819
Demand responsive	2,329,045
Terminal expense	1,202,147
Debt service - interest	58,962
Total operating costs	<u>11,915,831</u>

FEDERAL OPERATING ASSISTANCE

FTA operating and administrative	2,680,304
Other federal	-
Total federal assistance	<u>2,680,304</u>

REVENUES

Operating	
Farebox revenue	1,326,599
Other Revenue	
Advertising	86,506
Parking	1,252,346
Interest income	17,085
Miscellaneous	154,656
Total other revenue	<u>1,510,593</u>

<u>NET OPERATING DEFICIT</u>	6,398,335
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ADJUSTMENTS

Extraordinary expenses	-
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<u>NET COST OF SERVICE</u>	6,398,335
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NET COST OF SERVICE FUNDING

Local assessments	2,860,434
State contract assistance to be funded	3,537,901
Less: state operating assistance received	3,537,901
Balance requested from the State	-

<u>UNREIMBURSED DEFICIT</u>	-
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See accompanying independent auditors' report

LOWELL REGIONAL TRANSIT AUTHORITY
(A Component Unit of the Massachusetts Department of Transportation)

Schedule of Local Assessments

For the Year Ended June 30, 2018

The following table shows the local share that has been assessed upon each member municipality by the Commonwealth for fiscal year 2017 as well as the audited amount for fiscal 2018.

	2017 Assessment	2018 Audited
Acton	\$ 209,598	214,838
Billerica	308,004	315,704
Carlisle	46,066	47,218
Chelmsford	253,422	259,758
* Dunstable	-	-
Dracut	194,274	211,131
Groton	82,044	84,095
Lowell	1,018,868	1,044,338
Maynard	81,149	83,178
Pepperell	18,179	18,633
Tewksbury	271,341	278,125
Townsend	44,832	45,953
Tyngsborough	83,588	85,678
Westford	<u>167,595</u>	<u>171,785</u>
Totals	<u>\$ 2,778,960</u>	<u>2,860,434</u>

* Dunstable received no services in 2017 and 2018.

See accompanying independent auditors' report.