



# **NASSAU COUNTY BRIDGE AUTHORITY**

## **Financial Statements and Independent Auditors' Report** Year Ended December 31, 2019

**Morse & Company CPAs, LLP**  
Certified Public Accountants  
505 8<sup>th</sup> Avenue, Suite 1801  
New York, NY 10018-4527  
(212) 765-2200

**NASSAU COUNTY BRIDGE  
AUTHORITY**

**Financial Statements  
and Independent Auditors' Report**  
Year Ended December 31, 2019

# Nassau County Bridge Authority

## Table of Contents

---

<b>Independent auditors' report</b>	3-4
<b>Management's Discussion &amp; Analysis</b>	5-10
<b>Financial statements:</b>	
Statement of Net Position	11
Statement of Revenues, Expenses and Changes in Net Position	12
Statement of Cash Flows	13
Notes to financial statements	14-38
<b>Supplemental Schedules:</b>	
Statement of Operating Expenses	39
Schedule of Changes in Net Pension Liability and Related Ratios	40-41
Statement in Changes in Fiduciary Net Position	42
Report in Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards	43-44

**Morse & Company CPAs, LLP**  
Certified Public Accountants  
505 8<sup>th</sup> Avenue Suite 1801  
New York, NY 10018-4527  
(212) 765-2200

INDEPENDENT AUDITOR'S REPORT

Board of Commissioners  
Nassau County Bridge Authority  
Lawrence, NY 11559

We have audited the accompanying financial statements of Nassau County Bridge Authority as of and for the year ended December 31, 2019, and the related notes to the financial statements, which collectively comprise the Nassau County Bridge Authority's basic financial statements as listed in the table of contents.

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.

Our responsibility is to express opinions on these financial statements based on our audit. The prior year comparative information has been derived from the Nassau County Bridge Authority's financial statements as of and for the year ended December 31, 2018.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free 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 financial statement 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 opinions.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Nassau County Bridge Authority as of December 31, 2019 and the respective

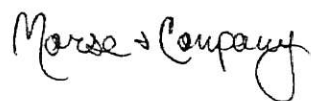
changes in financial position and cash flows, for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis on pages 4 through 10, be presented to supplement the basic financial statements. Such information, although not a required 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 inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, 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.

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements of the Nassau County Bridge Authority. The supplementary information is presented for purposed of additional analysis and are not a required part of the basic financial statements.

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

In accordance with *Government Auditing Standards*, we have also issued our report dated April 22, 2020 on our consideration of Nassau County Bridge 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 the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.



Morse & Company CPAs, LLP.  
New York, N.Y.  
April 22, 2020

**Management's Discussion and Analysis**  
**Year Ended December 31, 2019**  
**UNAUDITED**

**Introduction**

The following discussion and analysis of the financial performance and activity of the Nassau County Bridge Authority is intended to provide an introduction to and understanding of the financial statements of the Nassau County Bridge Authority, which includes the operation of the Atlantic Beach Bridge, for the year ended December 31, 2019, with comparative information for the year ended December 31, 2018. This section has been prepared by the management of the Nassau County Bridge Authority and should be read in conjunction with the financial statements and the notes thereto, which follow this section.

**Financial Highlights**

- The Nassau County Bridge Authority's position decreased by \$797,566.
  - A) All capital expenditures for 2019 increased by \$102,582, primarily due to the Salt dome and new pickup truck with snow plow.
  - B) Current Assets increased \$1,705,592, primarily due to increases in cash and cash equivalents of \$1,516,034 and an increase in other receivables of \$207,966.
- Gross operating revenues decreased by \$93,652 in 2019.
- Operating expenditures of \$7,101,976 reflect an increase of \$562,441 from the 2018 total of \$6,539,535. Major components of the net increase in 2019 consisted of increases of \$148,664 in salaries, \$68,572 in retirement plan, \$24,096 in employee benefits, \$166,850 in other post-employment benefits, \$201,385 in depreciation, \$29,012 in biennial inspection, and a decrease in repairs & maintenance of \$88,386.
- Total interest income increased by \$85,720 from 2018. This is due to an increase in interest from Capital One of \$83,661.
- In April 2010, The Nassau Bridge Authority issued \$11,145,000 in Series 2010 Bonds, fixed rate bonds with level debt service and a final maturity of 2040. Proceeds of the Series 2010 Bonds, together with an equity contribution in the amount of \$1,600,000, were issued to: a) finance the costs of certain structural, mechanical and electrical improvements to the Atlantic Beach Bridge, b) fund a debt service reserve fund, and c) pay the costs of issuance. As part of the plan of finance, the Authority defeased its outstanding Series 1997A and 1997B bonds with a combination of cash and restricted funds.
- Other income includes non-operating revenue from lease agreements with PSEG Long Island, the Henry Marine Legal Settlement as well as income generated from advertising sources.

### **Overview of the Financial Statements**

The financial section of this annual report consists of three parts: management's discussion and analysis, the basic financial statements and the notes to the financial statements. The basic financial statements include: The Statement of Net Position, the Statements of Changes in Net Position and the Statements of Cash Flows.

### **Statement of Net Position**

The Statement of Net Position presents the financial position of the Nassau County Bridge Authority at the end of the fiscal year and includes all assets, liabilities and Deferred Inflows and Outflows of the Authority. Net position retained by the Authority for capital construction and replacement represent the difference between total assets and total liabilities. For presentation purposes only, Deferred Inflows and Outflows are presented as a separate component of the statement yet may be combined with Assets and Liabilities. A summarized comparison of the Authority's balance sheets at December 31, 2019 and 2018 are as follows:

	<u>2019</u>	<u>2018</u>
<b><u>Assets</u></b>		
Current assets	\$ 9,768,677	\$ 8,063,085
Non-current assets:		
Property and Equipment (net)	29,750,306	32,177,973
Other non-current assets	<u>2,732,517</u>	<u>2,715,092</u>
Total assets	<u>\$ 42,251,500</u>	<u>\$ 42,956,150</u>
Deferred Outflow of Resources: Pension Liability	1,652,860	<u>509,814</u>
Total Assets Plus Deferred Outflows of Resources	<b><u>\$ 43,904,360</u></b>	<b><u>\$ 43,465,964</u></b>
<b><u>Liabilities</u></b>		
Current liabilities	\$664,636	\$ 807,512
Non-current liabilities		
Bonds	8,470,000	8,730,000
Other non-current liabilities	<u>10,913,868</u>	<u>9,345,906</u>
Total liabilities	<u>\$ 20,048,504</u>	<u>\$ 18,883,418</u>
Deferred Inflows of Resources: Pension Liability	\$164,377	\$ 636,210
: Decal Sales	260,340	292,205
: Total OPEB Liability	1,257,936	683,363
<b>Net Position</b>	<b><u>\$ 22,173,203</u></b>	<b><u>\$ 22,970,768</u></b>
<b>Total Liabilities, Deferred Inflows of Resources and Net Position</b>	<b><u>\$ 43,904,360</u></b>	<b><u>\$ 43,465,964</u></b>

Statement of Changes in Net Position

The change in net position is an indicator of whether the overall fiscal condition of an organization has improved or worsened during the year. A summarized comparison of the Authority's Statements of Revenues, Expenses and Changes in Net Position at December 31, 2019 and 2018 are as follows:

	<u>2019</u>	<u>2018</u>
Operating revenues	\$ 6,335,285	\$ 6,428,937
Operating expenses	(4,572,000)	(4,210,944)
Depreciation & Amortization	<u>(2,529,976)</u>	<u>(2,328,591)</u>
Operating profit (Loss)	(766,691)	<u>(110,598)</u>
 <b><u>Net non-operating revenue / expense</u></b>		
(Expenses)	<u>(37,382)</u>	<u>(342,364)</u>
Change in net position	<u>\$ (804,073)</u>	<u>\$ ( 452,962)</u>

**Revenues**

Operating revenues totaled \$6,335,285 in 2019 and \$6,428,937 in 2018, which is a decrease in revenues of \$93,652.

**Expenses**

A summary of operating expenses, including depreciation and amortization, through December 31, 2019 and 2018 are as follows:

	<u>2019</u>	<u>2018</u>
Operating expenses:		
Employee compensation & benefits	\$ 3,684,623	\$ 3,264,327
Contract services	692,864	648,162
Materials, equipment & other	89,656	187,181
Utilities	<u>104,857</u>	<u>111,274</u>
Total operating expenses	\$ 4,572,000	\$ 4,210,944
Depreciation	<u>2,529,976</u>	<u>2,328,591</u>
Total	<u>\$ 7,101,976</u>	<u>\$ 6,539,535</u>



### Non-Operating Revenues and Expenses

	<u>2019</u>	<u>2018</u>
Interest income	\$ 140,769	\$ 55,049
Other income	241,299	31,737
Interest expense – bonds	<u>(419,450)</u>	<u>(429,150)</u>
Net non-operating revenues (expenses)	<u>\$ (37,382)</u>	<u>\$ (342,364)</u>

- Interest income increased in 2019 by \$85,720.
- See Financial Highlights section for detailed explanation.

### Capital Improvements & Equipment

During 2019, the Authority incurred \$102,307 in capital asset expenditures. These additions were primarily associated with the salt dome construction and the purchase of a new pickup truck with snowplow. See additional information on the Authority's capital investments in the footnotes to the financial statements.

### Capital Financing and Debt Management

As at December 31, 2019, outstanding bonds of the Nassau County Bridge Authority totaled \$8,730,000. Principal payments on the Series 2010 bonds in the amount of \$250,000 were paid during 2019. The Toll Covenant Requirements as prescribed in the bond resolution have been met. The calculations used in this determination are as follows:

2019 Total Aggregate Debt Service	\$ 669,450
Covenant Requirement – 100%	<u>x 100%</u>
Covenant Net Revenue – Required	<u>669,450</u>
Change in Net Position – 2019	\$ (804,073)
Add: Bond Interest	419,450
Other Post-Employment Benefits	640,240
Depreciation	<u>2,529,976</u>
Covenant Net Revenue - Actual	<u>2,785,593</u>
Surplus – Actual over Required	<u><b>\$ 2,116,143</b></u>

### Employee Contract Negotiations

An agreement is in force between the union and the Authority. The agreement term is from January 1, 2018 through December 31, 2021. Specific details are disclosed in the notes to the financial statements.

### **Investments at Fair Value**

During the year ended December 31, 2017, the Authority adopted newly issued Government Accounting Standards Board Statement 72. This statement provides guidance for determining a fair value measurement for financial reporting purposes. This statement also provides guidance for applying fair value to certain investments and disclosures related to all fair value measurements. Required supplementary information is disclosed in the footnotes to the financial statements.

#### **GASB 72 – Fair Value Measurement and Application**

This statement generally requires state and local governments to measure investments at fair value. This standard expands fair value disclosures to provide comprehensive information for financial statement users about the impact of fair value measurements on a government's financial position. At December 31, 2019, the Authority's investments were not subject to fair value measurement.

### **Net Pension Liability**

During the year ended December 31, 2015, the Authority adopted newly issued Government Accounting Standards Board Statements 68 and 71. Required supplementary information is disclosed in the footnotes to the financial statements. During the year ended December 31, 2018, the Authority adopted newly issued Government Accounting Standards Board Statement 72.

#### **GASB 68 – Accounting and Financial Reporting for Pensions – an Amendment of GASB 27**

Establishes accounting and financial reporting requirements related to pensions for governments whose employees are provided with pensions via pension plans that are covered under the scope of GASB 68. Net Pension Liability at December 31, 2019 was \$442,654.

#### **GASB 71 – Pension Transitions for Contributions Made Subsequent to the Transition Date**

Addresses an issue related to GASB 68 – Amounts associated with contributions, if any, made by a state or local government employer or non-employer contributing entity to a defined pension plan after the measurement date of the beginning net pension liability. For the year ended December 31, 2019, this amount was \$252,903.

#### **GASB 72 – Fair Value Measurement and Application**

This statement generally requires state and local governments to measure investments at fair value and provides guidance for determining a fair value measurement for financial reporting purposes. This statement also provides guidance for applying fair value to certain investments and expands fair value disclosures to provide comprehensive information for financial statement users about the impact of fair value measurements on a government's financial position. At December 31, 2019, the Authority's investments were not subject to fair value measurement.

#### **GASB 75 - Accounting and Financial Reporting For Postemployment Benefits Other Than Pensions**

Nassau County Bridge Authority ("the NCBA") sponsors medical, prescription drug, and dental plans. Eligible retirees and their dependents may continue health care coverage through the NCBA for life. The plan covers eligible retirees who elect to participate and pay any required contributions. This report is for the actuarial valuation of the postemployment health benefit plan. The NCBA adopted GASB 75 for the year ended December 31, 2018. In June 2015 the Governmental Accounting Standards Board (GASB) issued Statement Number 75 (Accounting and Financial

Reporting for Postemployment Benefits Other than Pensions) which are meant to replace GASB 45. The effective date for this statement is for employers with fiscal years beginning after June 15, 2017. The NCBA is assumed to be a single employer without a special funding situation without a qualified trust for the purposes of reporting under GASB 75.

GASB 75 requires the Total OPEB Liability (TOL) to be calculated based on the Entry Age Normal Level Percent of Pay (EAN) actuarial cost method. These benefits are not currently pre-funded.

This valuation includes:

- all retirees who are currently receiving these benefits; and
- all active employees who will be eligible in the future to receive these benefits.

The calculations were based on an actuarial valuation as of January 1, 2019 using census data and recent health care cost information which was provided by the NCBA.

As a result of the implementation of GASB 75 for the year ending December 31, 2018, there was a Prior Period Adjustment to the Authority's net position at December 31, 2017 in the amount of \$9,097,436. This was to record the opening balance of the liability at January 1, 2018. In conjunction with the implementation of GASB 75, the amount of the Net Other Post-Employment Payable balance at December 31, 2017 in the amount of \$3,917,900 was eliminated, resulting in a net Prior Period Adjustment totaling \$5,179,536.

Total Other Post-Employment Liability at December 31, 2019 was \$9,960,441.

**NASSAU COUNTY BRIDGE AUTHORITY**  
**Statement of Net Position**

<i>Year ended December 31,</i>	<b>2019</b>	<b>2018</b>
<b>Assets</b>		
Current Assets:		
Cash and Cash Equivalents	\$ 9,513,834	\$ 8,015,225
Other Receivable	207,966	2,877
Prepaid Expenses	38,091	36,197
Inventory	8,786	8,786
<b>Total Current Assets</b>	<u>9,768,677</u>	<u>8,063,085</u>
Noncurrent Assets:		
Restricted Cash and Cash Equivalents	732,517	715,092
Bond Covenant Restricted Cash and Cash Equivalents	2,000,000	2,000,000
Property and Equipment, net	29,750,306	32,177,973
<b>Total Noncurrent Assets</b>	<u>32,482,823</u>	<u>34,893,065</u>
<b>Total Assets</b>	<u>42,251,500</u>	<u>42,956,150</u>
Deferred Outflow of Resources: Net Pension Liability	257,817	509,814
Total OPEB Liability	1,395,043	-
<b>Total Assets and Deferred Outflow/Inflow of Resources</b>	<u>\$ 43,904,360</u>	<u>\$ 43,465,964</u>
<b>Liabilities and Net Assets</b>		
Current Liabilities:		
Accounts Payable & Accrued Expenses	\$ 335,091	\$ 467,297
Current Portion of Long-Term Debt	260,000	250,000
Current Portion of Compensated Absences	69,545	90,215
<b>Total Current Liabilities</b>	<u>664,636</u>	<u>807,512</u>
Noncurrent Liabilities:		
Long Term Debt, net of current	8,470,000	8,730,000
Compensated Absences Payable, net of current	510,773	460,111
Total Other Post-Employment Benefits Liability	9,960,441	8,696,538
Net Pension Liability	442,654	189,257
<b>Total Noncurrent Liabilities</b>	<u>19,383,868</u>	<u>18,075,906</u>
<b>Total Liabilities</b>	<u>20,048,504</u>	<u>18,883,418</u>
Deferred Inflow of Resources: Net Pension Liability	164,377	636,210
Total OPEB Liability	1,257,936	683,363
Decal Sales	260,340	292,205
<b>Total Liabilities and Deferred Inflow/Outflow of Resources</b>	<u>21,731,157</u>	<u>20,495,196</u>
<b>Net Position</b>	<u>22,173,203</u>	<u>22,970,768</u>
<b>Total Liabilities, Net Position and Deferred Inflow of Resources</b>	<u>\$ 43,904,360</u>	<u>\$ 43,465,964</u>

*The attached notes and auditors' report are an integral part of these financial statements.*

**NASSAU COUNTY BRIDGE AUTHORITY**  
**Statement of Revenues, Expenses and Changes in Net Position**

<i>Year ended December 31,</i>	<b>2019</b>	<b>2018</b>
<b>Operating Revenue</b>	\$ 6,335,285	\$ 6,428,937
<b>Operating Expenses</b>	7,101,976	6,539,535
Operating Profit (Loss)	<u>(766,691)</u>	<u>(110,598)</u>
Nonoperating Revenue (Expense)		
Interest Revenue	140,769	55,049
Other Revenue	241,299	31,737
Bond Interest Expense	(419,450)	(429,150)
Net Nonoperating Revenue (Expenses)	<u>(37,382)</u>	<u>(342,364)</u>
Change in Net Position	(804,073)	(452,962)
Net Position - Beginning of Year	22,970,768	28,583,143
Prior Period Adjustment of Total OPEB Liability	-	(5,179,536)
Prior Period Adjustment of Pension Liability	<u>6,508</u>	<u>20,123</u>
<b>Net Position - End of Year</b>	<u><u>\$ 22,173,203</u></u>	<u><u>\$ 22,970,768</u></u>

*The attached notes and auditors' report are an integral part of these financial statements.*

**NASSAU COUNTY BRIDGE AUTHORITY**  
**Statement of Cash Flows**

Year ended December 31,

2019

2018

**CASH FLOWS FROM OPERATING ACTIVITIES**

Cash received from customers and other sources	\$ 6,687,480	\$ 6,584,997
Cash payments to suppliers for goods and services	(2,036,886)	(2,916,285)
Cash payments to employees	(2,049,705)	(1,909,166)
Cash payments for employee related benefits	(695,166)	(670,492)
<b>Net cash provided by operations</b>	<b>1,905,723</b>	<b>1,089,054</b>

**CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES**

Cash receipts from non-operating sources	241,299	31,737
<b>Net cash provided by non-capital financing activities</b>	<b>241,299</b>	<b>31,737</b>

**CASH FLOWS FROM CAPITAL AND RELATED FINANCING ACTIVITIES**

Acquisition and Construction of Capital Assets	(102,307)	(149,753)
Principal Paid on Capital Debt	(250,000)	(240,000)
Interest paid on bonds	(419,450)	(429,150)
<b>Net cash used for capital and related financing activities</b>	<b>(771,757)</b>	<b>(818,903)</b>

**CASH FLOWS FROM INVESTING ACTIVITIES**

Interest income	140,769	55,049
<b>Net cash provided by investing activities</b>	<b>140,769</b>	<b>55,049</b>
Net Increase (Decrease) in Cash and Cash Equivalents	1,516,034	356,937
Cash & Cash Equivalents at Beginning of Year	10,730,317	10,373,380
<b>Cash &amp; Cash Equivalents at End of Year</b>	<b>\$ 12,246,351</b>	<b>\$ 10,730,317</b>

**Reconciliation of Operating Profit (Loss) to Net Cash Provided by Operating Activities:**

Operating Profit (Loss)	(766,691)	(110,598)
Adjustments to reconcile operating profit to Net Cash Provided by Operating Activities:		
Depreciation Expense	2,529,976	2,328,591
Pension Expense - GASB 68	-	(35,010)
Change in Assets and Liabilities:		
Increase / Decrease in:		
Other Receivables	(205,089)	(94)
Prepaid Expenses	(1,894)	12,935
Inventory	-	3,475
Accounts Payable & Accrued Expenses	(132,206)	(1,472,773)
Compensated Absences & Termination Pay	29,992	24,728
Total Other Post-Employment Benefits Liability	1,263,903	(400,898)
Net Pension Liability	(213,330)	-
Deferred Inflow of Resources - Total OPEB Liability	(820,470)	683,363
Deferred Inflow of Resources - Net Pension Liability	253,397	-
Deferred Inflow of Resources - Deferred Revenue from Decal Sales	(31,865)	55,335

**Net Cash Provided by Operating Activities**

**\$ 1,905,723    \$ 1,089,054**

# Nassau County Bridge Authority

## Notes to Financial Statements

---

### INTRODUCTION

The Nassau County Bridge Authority is a Public Benefit Corporation created by the New York State Legislature pursuant to Chapter 893 of the Laws of 1945.

The Nassau County Bridge Authority operates and maintains the Atlantic Beach Bridge across Reynolds Channel between the Villages of Lawrence and Atlantic Beach in Nassau County.

The Bridge Authority, pursuant to the state law, is composed of a five-member board which is appointed by the County Executive of Nassau County with approval of the Nassau County Legislature. Each board member serves a five-year term without compensation. The board is presently comprised of a chairman and four board members.

### NOTE 1 – SUMMARY OF ACCOUNTING PRINCIPLES

The financial statements of the Nassau County Bridge Authority (Authority) are prepared in accordance with Generally Accepted Accounting Principles (GAAP). The Authority's reporting entity applies all relevant Governmental Accounting Standard Board (GASB) pronouncements.

#### a. Investments

Investments consist of United States Treasury Bills in the amounts of \$732,000 and \$729,000 as of December 31, 2019 and December 31, 2018, respectively. These investments were secured by the Treasurer of Nassau County on behalf of the Authority pursuant to Section 39 of the General Municipal Law. Section 39 provides that investments and deposits must be collateralized with securities which are delivered to the custodial bank and held in safekeeping in the name of the Nassau County Treasurer.

#### b. Inventories

Salt and sand are carried in an inventory account at an average cost and are subsequently charged to expenditures when consumed.

#### c. Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

# Nassau County Bridge Authority

## Notes to Financial Statements

---

### d. Concentration of Credit Risk

Financial instruments which potentially subject the Authority to concentrations of credit risk are cash, cash equivalents and investments. The Authority limits its credit risk by placing its cash, cash equivalents and investments, based upon economic conditions, with highly rated banks, U.S. Government securities, treasury bills and certificates of deposit. The Federal Deposit Insurance Corporation (FDIC) insures deposits in most banks and savings associations located in the United States. The maximum insurance coverage provided is currently \$250,000 per depositor, per insured bank. FDIC Insurance is backed by the full faith and credit of the United States government.

### e. Cash and cash equivalents

The Authority considers investments with a maturity of three months or less when purchased to be cash equivalents.

### f. Restricted Cash and Cash Equivalents

Restricted cash and cash equivalents are comprised of monies related to the 2010 bond resolution. The minimum amount required as per the bond resolution is \$2,000,000 (see Note 3 below). Additionally, the total amount of restricted cash and cash equivalents, designated for the 2012 Capital Construction Project, at December 31, 2019 and 2018 was \$732,715 and \$715,092, respectively.

### g. Property and Equipment

Property and equipment are recorded at cost. Title and interest in the bridge structure and real estate operated by the Bridge Authority are held in the name of Nassau County. The assets are depreciated from the time they are placed in service under the Straight Line Method. Furniture, Fixtures and Equipment are depreciated over their applicable rates, ranging from four to twenty years. Bridge rehabilitation costs are depreciated over 25 years, while building improvements are depreciated over 39 years. Expenditures for repairs and maintenance are expensed as incurred.

### h. Pension Plan

Financial reporting information pertaining to NCBA's participation in the New York State and Local Retirement System is prepared in accordance with Governmental Accounting Standards Board (GASB) Statement No. 68, *Accounting and Financial Reporting for Pensions*, as amended by GASB Statement No. 71, *Pension Transition for Contributions Made Subsequent to the Measurement Date*.



# Nassau County Bridge Authority

## Notes to Financial Statements

### i. Other Postemployment Benefits 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 Nassau County Bridge Authority Retiree Benefits Plan (NCBA) and additions to/deductions from NCBA's fiduciary net position have been determined on the same basis as they are reported by NCBA. For this purpose, NCBA recognizes benefit payments when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments and participating interest-earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

### NOTE 2 – PROPERTY AND EQUIPMENT

	Cost at 12/31/19	Accumulated Depreciation	Net 12/31/19
Building Improvements	\$2,467,804	\$1,058,560	\$1,409,244
Bridge Rehabilitation	35,082,045	27,241,251	7,840,794
Furniture, Fixtures & Equipment	1,833,688	1,562,955	270,733
Roadway	2,426,095	1,502,874	923,221
Computer Equipment	193,243	187,130	6,113
Tollbooth Equipment	221,842	209,817	12,025
Tollbooth HVAC System	663,310	639,843	23,467
Lock Motor Replacement	268,850	133,529	135,321
NW Bulkhead Rehabilitation	60,150	24,670	35,480
Gas Meter	26,964	14,828	12,136
Fuel Tank Replacement	52,845	18,196	34,649
Bridge Infrastructure Project	9,384,900	1,618,895	7,766,005
Timber Fender System	542,537	122,071	420,466
Bridge Tower Renovation	484,390	69,476	414,914
Open Grating & Painting	11,112,487	666,749	10,445,738
Total	\$64,821,150	\$35,070,844	\$29,750,306

### NOTE 3 – LONG TERM DEBT

In April 2010, The Nassau Bridge Authority issued \$11,145,000 in Series 2010 Bonds, fixed rate bonds with level debt service and a final maturity of 2040. Proceeds of the Series 2010 Bonds, together with an equity contribution in the amount of \$1,600,000, were issued to: a) finance the costs of certain structural, mechanical and electrical improvements to the Atlantic Beach Bridge, b) fund a debt service reserve fund, and c) pay the costs of issuance. As part of the plan of finance, the Authority defeased its outstanding Series 1997A and 1997B bonds with a combination of cash and restricted funds. The 2010 Bonds are

# Nassau County Bridge Authority

## Notes to Financial Statements

special obligations of the Authority and secured by a pledge of toll revenues. As additional security for the bondholders, the Authority has covenanted that it will establish tolls in order to produce revenues in each fiscal year in an amount not less than 100% of maximum annual debt service (MADS). The Authority has further covenanted that on each June 30 and December 31, the Authority shall maintain cash and unrestricted investments in the amount of at least \$2,000,000. If the cash and unrestricted investments on any June 30 and December 31 is below \$2,000,000, the Authority will establish tolls in order to produce net revenues in such fiscal year, in an amount not less than 115% of the MADS. The Authority has also covenanted that this will not affect any reductions in toll rates for any motor vehicles which will reduce the total gross revenues for any fiscal year by more than five percent (5%) of the prior fiscal year.

The Bond Resolution permits the issuance of additional bonds on parity with the Series 2010 Bonds for the purpose of (a) raising funds to pay any part of the cost of completing the project or the costs of another project, (b) refunding any outstanding bonds, or (c) any combination of these purposes. Written certificates of both the consulting engineer and the accountant, among other things, must be obtained for the issuance of additional bonds for any purpose other than the refunding of bonds.

The Authority is obligated to pay principal and interest on the Series 2010 bonds as follows:

<u>Year</u>	<u>Amount</u>	<u>Interest</u>
2020	260,000	411,950
2021	270,000	401,550
2022	280,000	390,750
2023	295,000	379,550
2024	305,000	367,750
And thereafter	<u>7,320,000</u>	<u>3,437,825</u>
	\$8,730,000	\$5,389,375

### **NOTE 4 – PENSION PLAN**

#### **Plan Description**

The Authority, via Nassau County, participates in the New York State and Local Employees Retirement System (ERS), which is part of the New York State and Local Retirement System (NYSLRS). The NYSLRS provides retirement benefits as well as death and disability benefits to members.

#### **Funding Policy**

The NYSLRS is noncontributory for those ERS members who joined the New York State and Local Employees' Retirement System prior to July 27, 1976. Employees who joined the NYSLRS after that date must contribute 3% of their salary, however, NYS legislation passed in 2000, suspending the 3% contribution for those employees who have ten or more years of credited service.

# Nassau County Bridge Authority

## Notes to Financial Statements

---

In addition, members who meet certain eligibility requirements will receive one month's additional service credit for each completed year of service, up to a maximum of two additional years of service credit. In December 2009, the Governor signed a bill requiring ERS members hired January 2010 and later to contribute 3% of their salary for all their years of public service, increasing the numbers of years required to vest for retirement benefits from five to ten years, and placing a limitation on the annual amount of overtime credited as retirement earnings. Employees who joined the system on or after April, 2012 are required to contribute between 3% and 6% depending upon their salary for their entire career.

The Common Retirement Fund ("Fund") was established to hold all the assets and income of the NYSLRS in a single unified investment program. The Fund's assets come from three main sources: employee or member contributions, investment income and participating employer contributions. The value of the Fund and the rate of return on the investments directly affect the employer's annual contribution rates. Each year, the State evaluates the Fund's assets and compares the value of those assets to the funds needed to pay current and future benefits. The difference between these two amounts is spread over the future working lifetimes of active members to actuarially determine the annual contribution rates.

### Membership Tiers

Pension legislation enacted in 1973, 1976, 1983, 2009 and 2012 established distinct classes of membership. For convenience, the System uses a tier concept to distinguish these groups, generally:

**Tier 1** – Those persons who last became members before July 1, 1973.

**Tier 2** – Those persons who last became members on or after July 1, 1973, but before July 27, 1976.

**Tier 3** - Generally, those persons who are State correction officers who last became members on or after July 27, 1976, but before January 1, 2010, and all others who last became members on or after July 27, 1976, but before September 1, 1983.

**Tier 4** - Generally, those persons who last became members on or after September 1, 1983, but before January 1, 2010, except for correction officers.

**Tier 5** - Those persons who last became members on or after January 1, 2010, but before April 1, 2012.

**Tier 6** - Those persons who first became members on or after April 1, 2012.

# Nassau County Bridge Authority

## Notes to Financial Statements

---

### Vesting

Members who joined the System prior to January 1, 2010 need five years of service to be 100% vested. Members who joined on or after January 1, 2010 require ten years of service credit to be 100% vested.

### Employer Contributions

Participating employers are required to contribute to the System at an actuarially determined rate adopted annually by the Comptroller. The average contribution rate for ERS for the fiscal year ended March 31, 2019 was approximately 14.9% of payroll. Delinquent annual bills for employer contributions accrue interest at the actuarial interest rate applicable during the year. For the fiscal year ended March 31, 2019, the applicable interest rate was 7%.

### Member Contributions

Generally, Tier 3, 4, and 5 members must contribute 3% of their salary to the System; however, eligible Tier 3 and 4 employees, with a membership date on or after July 27, 1976, who have ten or more years of membership or credited service with the System, are not required to contribute. Members cannot be required to begin making contributions or to make increased contributions beyond what was required when membership began. For Tier 6 members, the contribution rate varies from 3% to 6% depending on salary. Generally, Tier 5 and 6 members are required to contribute for all years of service.

### Benefits

#### Tiers 1 and 2

**Eligibility:** Tier 1 members, with the exception of those retiring under special retirement plans, must be at least 55 to be eligible to collect a retirement benefit. There is no minimum service requirement for Tier 1 members. Tier 2 members, with the exception of those retiring under special retirement plans, must have five years of service and be at least age 55 to be eligible to collect a retirement benefit. The age at which full benefits may be collected for Tier 1 is 55, and the full benefit age for Tier 2 is 62.

**Benefit Calculation:** Generally, the benefit is 1.67% of final average salary for each year of service if the member retires with less than twenty years. If the member retires with twenty or more years of service, the benefit is 2% of final average salary for each year of service. Tier 2 members with five or more years of service can retire as early as age 55 with reduced benefits. Tier 2 members age 55 or older with thirty or more years of service can retire with no reduction in benefits.

Final average salary is the average of the wages earned in the three highest consecutive years of employment. For Tier 1 members who joined on or after June 17, 1971, each year used in the final average salary calculation is limited to no more than 20% of the previous year. For Tier 2 members, each year of the final average salary is limited to no more than 20% of the average of the previous two years.

# Nassau County Bridge Authority

## Notes to Financial Statements

---

### Tiers 3, 4, and 5

**Eligibility:** Tier 3 and 4 members, with the exception of those retiring under special retirement plans, must have five years of service and be at least age 55 to be eligible to collect a retirement benefit. Tier 5 members, with the exception of those retiring under special retirement plans, must have ten years of service and be at least age 55 to be eligible to collect a retirement benefit. The full benefit age for Tiers 3, 4 and 5 is 62.

**Benefit Calculation:** Generally, the benefit is 1.67% of the final average salary for each year of service if the member retires with less than twenty years. If a member retires with between twenty and thirty years of service, the benefit is 2% of final average salary for each year of service. If a member retires with more than thirty years of service, an additional benefit of 1.5% of the final average salary is applied for each year of service over thirty years. Tier 3 and 4 members with five or more years of service and Tier 5 members with ten or more years of service can retire as early as age 55 with reduced benefits. Tier 3 and 4 with members age 55 or older with 30 or more years of service can retire with no reduction in benefits.

Final average salary is the average of the wages earned in the three highest consecutive years of employment. For Tier 3, 4 and 5 members, each year used in the final average salary calculation is limited to no more than ten percent of the average of the previous two years.

### Tier 6

**Eligibility:** Tier 6 members, with the exception of those retiring under special retirement plans, must have ten years of service and be at least age 55 to be eligible to collect a retirement benefit. The full benefit age for Tier 6 is 63.

**Benefit Calculation:** Generally, the benefit is 1.67% of the final average salary for each year of service if the member retires with less than twenty years. If a member retires with twenty years of service, the benefit is 1.75% of the final average salary for each year of service. If a member retires with more than twenty years of service, an additional benefit of 2% of the final average salary is applied for each year of service over twenty years. Tier 6 members with ten or more years of service can retire as early as age 55 with reduced benefits.

Final average salary is the average of the wages earned in the five highest consecutive years. For Tier 6 members, each year of final average salary is limited to no more than 10% of the average of the previous four years.

# Nassau County Bridge Authority

## Notes to Financial Statements

---

### Rates of Return

In accordance with U.S. generally accepted accounting principles, the money-weighted rate of return on plan investments, net of investment expenses, was 5.14% for the year ended March 31, 2019. The money-weighted rate of return expresses investment performance after consideration of the impact of the changing amounts actually invested. For internal purposes, the System evaluates investment performance using the time-weighted rate of return, gross of certain investment expenses, which was 5.23% for the year ended March 31, 2019.

### Net Pension Liability

At March 31, 2019, NCBA recorded a liability of \$442,654 for its proportionate share of the net pension liability, measured as follows:

Employers' total pension liability	\$13,154,337
Less: Fiduciary Net Position	<u>12,711,683</u>
<i>Employers' net pension liability</i>	<i>\$ 442,654</i>

### Pension Expense

Pension expense includes certain current period changes in the net pension liability, projected earnings on pension plan investments and the amortization of deferred outflows of resources and deferred inflows of resources for the current period.

For the year ended March 31, 2019, the Authority recognized a pension expense of \$292,971, its proportionate share of the total pension expense, as follows:

Proportionate Share of Plan Pension Expense	\$289,923
Net Amortization of Deferred Amounts from Charges in Proportion and Differences Between Employer Contributions and Proportionate Share Of Contributions	<u>\$ 3,048</u>
<i>Total Pension Expense</i>	<i>\$292,971</i>

# Nassau County Bridge Authority

## Notes to Financial Statements

### Balance of Deferred Outflows and Inflows

At March 31, 2019, we reported deferred outflows of resources and deferred inflows of resources from the following sources related to the pension benefits:

#### Deferred Outflows of Resources

Difference between Expected & Actual Experience	87,168
Changes in Assumptions	111,265
Net difference between projected and actual earnings on Pension Plan Investments	-0-
Changes in Proportion & Differences between Employers Contributions & Proportionate Share of Contributions Pension plan investments	<u>59,384</u>
Total – Deferred Outflows	<b>\$ 257,817</b>

#### Deferred Inflows of Resources

Differences between Expected and Actual Experience	(29,715)
Net difference between projected and actual earnings on Pension Plan Investments	(113,609)
Changes in proportion and differences between Employer Contributions and proportionate share of contributions	<u>(21,053)</u>
Total – Deferred Inflows	<b><u>(164,377)</u></b>

**Total Net Deferred Outflows (Inflows) of Resources** **\$93,440**

\$259,409 has been reported as deferred outflows of resources to pensions resulting from contribution subsequent to the measurement date will be recognized as a reduction to the net pension liability in the year ended December 31, 2020.

Other amounts reported as collective deferred (inflows) / outflows of resources related to pensions totaling \$93,440, will be recognized in pension expense as follows:

Year Ending March 31:	
2020	\$ 99,027
2021	\$ (73,316)
2022	\$ 946
Thereafter	\$ 66,783

# Nassau County Bridge Authority

## Notes to Financial Statements

### Actuarial Assumptions

The total pension liability at March 31, 2019 was determined by using an actuarial valuation as of April 1, 2017 with update procedures used to roll forward the total pension liability to March 31, 2019. The following assumptions were used:

Inflation	2.5%
Salary increases	4.2%
Investment rate of return (Net of investment expense, including inflation)	7.0%
Cost of Living Adjustments	1.3%

Annuitant mortality rates are based on April 1, 2010–March 31, 2015 System experience with adjustments for mortality improvements based on the Society of Actuaries' Scale MP-2014.

The actuarial assumptions used in the April 1, 2018 valuation are based on the results of an actuarial experience study for the period April 1, 2010–March 31, 2015. 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 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 included in the target asset allocation as of March 31, 2019:

Domestic equity	4.55%
International equity	6.35
Private equity	7.50
Real estate	5.55
Absolute return strategies	3.75
Opportunistic portfolio	5.68
Real assets	5.29
Bonds and mortgages	1.31
Cash	(0.25)
Inflation-indexed bonds	1.25



# Nassau County Bridge Authority

## Notes to Financial Statements

### Discount Rate

The discount rate used to calculate the total pension liability was 7%. The projection of cash flows used to determine the discount rate assumes that contributions from plan members will be made at the current contribution rates and that contributions from employers will be made at statutorily required rates, actuarially. Based upon the assumptions, the System's fiduciary net position was projected to be available to make all projected future 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.

### Sensitivity of the Net Pension Liability to the Discount Rate Assumption

The following presents the current-period net pension liability of the employers calculated using the current-period discount rate assumption of 7%, as well as what the net pension liability (asset) would be if it were calculated using a discount rate that is 1% lower (6%) or 1% higher (8%) than the current assumption (in thousands):

	1% Decrease (6%)	Current Discount (7%)	1% Increase (8%)
Employer's Proportionate Share of the Net Pension Liability (Asset)	\$1,935,353	\$442,654	(\$811,319)

### Deferred Outflows of Resources and Deferred Inflows of Resources

#### *Difference in Expected and Actual Experience*

The difference between expected and actual experience with regard to economic and demographic factors is amortized over a five-year closed period, reflecting the average remaining service life of active and inactive NCBA members. The first year of amortization is recognized as pension expense with the remaining years shown as either a deferred outflow of resources or a deferred inflow of resources. The difference for the fiscal year ending March 31, 2019 is outflows of \$57,453.

#### *Changes in Assumptions*

The change in assumptions about future economic or demographic factors or other inputs is amortized over a five-year closed period, reflecting the average remaining service life of active and inactive NCBA members. The first year of amortization is recognized as pension expense with the remaining years shown as either a deferred outflow of resources or a deferred inflow of resources. The difference between expected and actual experience for the fiscal year ending March 31, 2019 is outflows of \$ 111,265.

# Nassau County Bridge Authority

## Notes to Financial Statements

---

### Net Difference between Projected and Actual Investment Earnings on Pension Plan Investments

The difference between the expected rate of return of 7.0% and actual investment earnings on pension plan investments amortized over a five-year closed period in accordance with Statement 68. The first year of amortization is recognized as pension expense with the remaining years shown as either a deferred outflow of resources or a deferred inflow of resources. The difference between expected and actual experience for the fiscal year ending March 31, 2019 is inflows of \$ 113,609.

### Changes in Proportion and Difference Between Employer Contributions and Proportionate Share of Contributions

An individual employer's proportionate share will almost certainly change from measurement date to measurement date, and the financial impact of this change must be quantified. In addition, to the extent that an employer makes actual contributions during the year that are different from its allocated proportionate share of contributions, this difference must also be tracked and accounted for. The change at March 31, 2019 is outflows of \$38,331.

## **NOTE 5 – RETIREMENT PLAN CONTRIBUTIONS**

Pursuant to an agreement with the Civil Service Employees Association, Inc. Local 1000, AFSCME, AFL-CIO, Nassau County Bridge Authority Unit, Nassau County Local 830 (hereinafter referred to as the "CSEA") commencing January 1, 2018 and terminating December 31, 2021, the Authority provided retirement benefits for all its full-time employees under the provisions of the Improved Career Retirement Plan for employees of participating Authorities of the New York State Employees' Retirement System. The agreement provides for annual salary increases of 3.5%. Contributions to the retirement system totaled \$252,903 and \$259,409 in 2019 and 2018, respectively.

## **NOTE 6 – MEDICAL, DENTAL & LIFE INSURANCE**

Pursuant to an agreement with the CSEA commencing January 1, 2018 and terminating December 31, 2021, all new employees hired on or after January 1, 2015 will participate in the Excelsior Plan of the New York State Government Employees Health Insurance Plan or a substantially similar plan as selected by the Authority. The Authority provided coverage at no cost for all full-time employees and retired employees (and their respective eligible dependents) hired on or before June 30, 1987 who are enrolled under the Empire Plan (Core Plus Enhancements) of the New York State Government Employees Health Insurance Plan.

For all full-time employees hired on or after July 1, 1987, the Authority shall contribute 85% of the premium cost and the employees shall contribute 15% by payroll deduction. The contribution percentages change upon the enrolled eligible employee reaching their sixteenth and eighteenth anniversary dates.

For all full-time employees hired on or after July 1, 1987 and who subsequently retire with ten (10) or more years of service, the Authority shall pay 100% of the cost of the premium for health insurance coverage of such retired employees and their eligible dependents.

# Nassau County Bridge Authority

## Notes to Financial Statements

---

Any member who elects to waive their Health Insurance Coverage shall be entitled to receive, in lieu of the coverage, \$2,000 (for family coverage) and \$1,200 (for individual coverage). This payment would be made at the end of the plan year for which the waiver is elected.

The Authority shall provide a fully paid non-contributory dental insurance plan for all of the full-time employees of the bargaining unit electing to participate in such a plan. Employees hired after July 1, 1987 shall contribute 15% of the premium costs.

All employees shall be entitled to group life insurance in the amount of \$15,000.

### **NOTE 7 – OTHER POST-EMPLOYMENT**

Effective January 1, 2009, the Nassau County Bridge Authority was required to comply with GASB 45, which is an accounting and financial reporting provision requiring government employers to measure and report the liabilities associated with other (than pension) post-employment benefits (or OPEB). Reported OPEBs may include post-retirement medical, pharmacy, dental, vision, life, long-term disability and long-term care benefits that are not associated with a pension plan.

GASB 45 was established by the GASB in July 2004 due to the growing concern over the potential magnitude of government employer obligations for post-employment benefits. The purpose of GASB 45 was to:

1. Recognize the cost of OPEB benefits in the period when services are received.
2. Provide information about the actuarial liabilities for the promised benefits.
3. Provide information useful in assessing potential demands on future cash flows.

In June 2015 the Governmental Accounting Standards Board (GASB) issued Statement Number 75 (Accounting and Financial Reporting for Postemployment Benefits Other than Pensions) which are meant to replace GASB 45. The effective date for this statement is for employers with fiscal years beginning after June 15, 2017. See Note 9 below.

### **NOTE 8 – GASB 72 – FAIR VALUE MEASUREMENT AND APPLICATION**

During the year ended December 31, 2016, the Authority adopted newly issued Government Accounting Standards Board Statement 72. This statement generally requires state and local governments to measure investments at fair value and provides guidance for determining a fair value measurement for financial reporting purposes. This statement also provides guidance for applying fair value to certain investments and expands fair value disclosures to provide comprehensive information for financial statement users about the impact of fair value measurements on a government's financial position. At December 31, 2019, the Authority's investments were not subject to fair value measurement.

# Nassau County Bridge Authority

## Notes to Financial Statements

---

### NOTE 9 – GASB 75 – ACCOUNTING AND FINANCIAL REPORTING FOR POSTEMPLOYMENT BENEFITS OTHER THAN PENSIONS

Nassau County Bridge Authority (“the NCBA”) sponsors medical, prescription drug, and dental plans. Eligible retirees and their dependents may continue health care coverage through the NCBA for life. The plan covers eligible retirees who elect to participate and pay any required contributions. This report is for the actuarial valuation of the postemployment health benefit plan. The NCBA adopted GASB 75 for the year ended December 31, 2018.

The calculations were based on an actuarial valuation as of January 1, 2018 using census data and recent health care cost information which was provided by the NCBA.

In June 2015 the Governmental Accounting Standards Board (GASB) issued Statement Number 75 (Accounting and Financial Reporting for Postemployment Benefits Other than Pensions) which are meant to replace GASB 45. The effective date for this statement is for employers with fiscal years beginning after June 15, 2017. The NCBA is assumed to be a single employer without a special funding situation without a qualified trust for the purposes of reporting under GASB 75.

GASB 75 requires the Total OPEB Liability (TOL) to be calculated based on the Entry Age Normal Level Percent of Pay (EAN) actuarial cost method. These benefits are not currently pre-funded.

This valuation includes:

- all retirees who are currently receiving these benefits; and
- all active employees who will be eligible in the future to receive these benefits.

The NCBA has provided a census of these employees and retirees. A summary of this data is presented in Table 11.

An actuarial valuation requires assumptions for the following parameters:

- A discount rate, which is based on the yield or index rate for 20-year, tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher (or equivalent quality on another rating scale);
- Mortality rates relevant to the underlying group of employees and retirees;
- Withdrawal rates relevant to the underlying group of employees;
- Retirement rates relevant to the underlying group of employees; and
- Current and future per capita claim costs for the benefits being valued

In determining the initial per capita claim cost, we have relied on Health Cost information provided by the NCBA (or its benefits administrator on its behalf)

# Nassau County Bridge Authority

## Notes to Financial Statements

The assumptions used in this valuation conform to the requirements of GASB 75 and generally accepted actuarial principles. Details of the assumptions are presented on page 34 below. The calculations were performed using a Valuation Date (VD) of January 1, 2018 for reporting in the NCBA's full accrual financial statements for a Measurement Date (MD) of December 31, 2019. This report presents results as of December 31, 2019 and may be used for December 31, 2019 financial statements. The valuation results as of January 1, 2018 will be rolled-forward and may be used for December 31, 2020 financial statements provided there are no material changes to: any of the benefits packages; any of the cost-sharing structures; and the census. The NCBA's next full valuation should be as of January 1, 2020, for reporting in the NCBA's full accrual financial statement as of December 31, 2020.

The impact of the Excise Tax provisions contained in the Patient Protection and Affordable Care Act was excluded from this analysis due to the uncertainty of its implementation. Under the provision of the Excise Tax, the NCBA is liable for 40% of the cost of coverage above the excise tax thresholds beginning on January 1, 2022, which could have an impact on the NCBA's liabilities.

Below is the summary of key results:

Table 1 - Executive Summary

	FY 2019	FY 2018
<b>Valuation Date (VD)</b>	January 1, 2018	January 1, 2016
<b>Prior Measurement Date</b>	December 31, 2018	December 31, 2017
<b>Measurement Date (MD)</b>	December 31, 2019	December 31, 2018
<b>Membership Data as of January 1, 2018</b>		
Inactive Members or Beneficiaries Currently Receiving Benefits	14	14
Inactive Members Entitled to But Not Yet Receiving Benefits	0	0
Active Members	<u>22</u>	<u>22</u>
Total Membership	36	36
<b>Discount Rate</b>		
Municipal Bond Index Rate at Prior MD	4.11%	3.44%
Municipal Bond Index Rate at MD	2.74%	4.11%
<b>Net OPEB Liability as of Measurement Date</b>		
Total OPEB Liability (TOL)	\$ 9,960,441	\$ 8,696,538
Fiduciary Net Position (FNP)	<u>0</u>	<u>0</u>
Net OPEB Liability (NOL = TOL – FNP)	\$ 9,960,441	\$ 8,696,538
FNP as a percentage of TOL	0.0%	0.0%
<b>OPEB Expense</b>	\$ 640,240	\$ 473,390
<b>Deferred Outflows of Resources</b>	\$ 1,395,043	\$ 0
<b>Deferred Inflows of Resources</b>	\$ (1,257,936)	\$ (683,363)

# Nassau County Bridge Authority

## Notes to Financial Statements

In response to the GASB 75 requirements, this section provides the necessary accounting disclosures for the NCBA's financial reports which are shown in the following exhibits:

- Table 2: Plan Demographics
- Table 3: Assumptions
- Table 4: OPEB Expense
- Table 5: Net OPEB Liability Sensitivity
- Table 6: Change in Total OPEB Liability
- Table 7: Summary of Deferred Inflows and Outflows
- Table 8: Schedule of Future Deferred Inflows and Outflows Amortization

### **Table 2 - Plan Demographics**

The table below displays the number of employees covered by the benefit terms.

Inactive Employees or Beneficiaries Currently Receiving Benefits	14
Inactive Employees Entitled to but not yet Receiving Benefits	0
Active Employees	22
<b>Total Membership</b>	<b>36</b>

Significant assumptions and other inputs used to measure the Total OPEB Liability for the current fiscal year are summarized in the table below.

### **Table 3 – Assumptions**

Inflation	2.20%
Salary Increases	3.50%
Discount Rate <sup>1</sup>	
Prior Measurement Date	4.11%
Measurement Date	2.74%
Mortality Table	RP-2014 Mortality Table with MP-2018 improvement scales
Health Care Cost Trends	5.40% for 2019 decreasing to an ultimate rate 3.84% by 2075

GASB states the OPEB expense also should be recognized in the current reporting period for costs incurred by the government related to the administration of OPEB. The measurement period for these costs should be the same as the measurement period applied to changes in the Total OPEB Liability.

# Nassau County Bridge Authority

## Notes to Financial Statements

The OPEB Expense consists of:

1. Service Costs for the year
2. Interest on the TOL using bond rate at the beginning of period
3. Change in the TOL due to benefit changes
4. The current year recognition of changes in the TOL due to Actual versus Expected experience
5. The current year recognition of changes in the TOL due to changes of assumptions or other inputs experience (including the change in discount rate)
6. Recognition of Deferred Inflows and Outflows of Resources from prior years.

The following table provides a breakdown of the OPEB Expense as of December 31, 2019:

Table 4 - OPEB Expense

Fiscal Year Ending	December 31, 2019	December 31, 2018
Service Cost	\$ 283,593	\$ 323,410
Interest on Total OPEB Liability and Service Cost	365,080	320,821
Current Period Benefit Changes	0	0
Administrative Expenses Net of All Other Revenues	0	0
Current Period Recognition of Deferred Inflows and Outflows of Resources		
Difference Between Expected and Actual Experience in the Total OPEB Liability	(186,353)	0
Changes of Assumptions or Other Inputs	177,920	(170,841)
Other	0	0
<b>OPEB Expense</b>	<b>\$ 640,240</b>	<b>\$ 473,390</b>

Changes in the discount and health care cost trend rates affect the measurement of the TOL. Lower discount rates produce a higher TOL whereas lower trend rates produce a lower TOL. The converse is true for higher discount rates and trend rates. Since discount rate and trend rates do not affect the measurement of assets, the percentage change in the NOL can be very significant for a relatively small change in either rates.

The table below shows the sensitivity of the NOL to the discount rate and healthcare cost trend rates.

Table 5 - Net OPEB Liability Sensitivity

Healthcare Cost Trend	Discount Rate		
	1% Increase (3.74%)	Current (2.74%)	1% Decrease (1.74%)
1% Decrease		\$ 8,333,255	
Current	\$ 8,640,134	\$ 9,960,441	\$ 11,596,102
1% Increase		\$ 12,041,239	

# Nassau County Bridge Authority

## Notes to Financial Statements

The following table provides a summary of the Deferred Outflows of Resources and Deferred Inflows of Resources as of December 31, 2019:

Table 6 - Deferred Inflows and Outflows

<b>Differences Between Expected and Actual Experience</b>					
<b>FYE</b>	<b>Initial Balance</b>	<b>Initial Amortization Period (in years)</b>	<b>Annual Recognition</b>	<b>Recognized in OPEB Expense through Dec 31, 2019</b>	<b>Unamortized Balance as of Dec 31, 2019</b>
12/31/2018	\$ 0	5.0	\$ 0	\$ 0	\$ 0
12/31/2019	\$ (931,767)	5.0	\$ (186,353)	\$ (186,353)	\$ (745,414)

<b>Changes in Assumptions</b>					
<b>FYE</b>	<b>Initial Balance</b>	<b>Initial Amortization Period (in years)</b>	<b>Annual Recognition</b>	<b>Recognized in OPEB Expense through Dec 31, 2019</b>	<b>Unamortized Balance as of Dec 31, 2019</b>
12/31/2018	\$ (854,204)	5.0	\$ (170,841)	\$ (341,682)	\$ (512,522)
12/31/2019	\$ 1,745,804	5.0	\$ 348,761	\$ 348,761	\$ 1,395,043

Deferred Inflows and Outflows of resources for (a) differences between expected and actual experience and (b) changes of assumptions or other inputs should be recognized in OPEB expense, beginning in the current reporting period, 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 OPEB through the OPEB plan (active employees and inactive employees) determined as of the beginning of the measurement period.

For the current fiscal year, the average expected remaining service life of active and inactive employees is 5.20 years and the Deferred Inflows and Outflows of resources for (a) differences between expected and actual experience and (b) changes of assumptions or other inputs as of December 31, 2019 are amortized over 5 years

Table 7 – Unamortized Balance of Deferred Inflows and Outflows

	<b>Deferred Outflows of Resources</b>	<b>Deferred Inflows of Resources</b>
Differences Between Expected and Actual Experience	\$ 0	\$ (745,414)
Changes of Assumptions or Other Inputs	1,395,043	(512,522)
<b>Total</b>	<b>\$ 1,395,043</b>	<b>\$ (1,257,936)</b>



# Nassau County Bridge Authority

## Notes to Financial Statements

The following table presents the Deferred Inflows and Outflows by year of recognition for each of the next five years and all years after that.

**Table 8 - Schedule of Future Deferred Inflows and Outflows Amortization**

Measurement Period Ended Dec 31		
2020	\$	(8,433)
2021	\$	(8,433)
2022	\$	(8,432)
2023	\$	162,405
2024	\$	0
Thereafter	\$	0

All employees who have 25 years or more of service to the Authority and are at least 50 years of age shall be entitled to elect to participate in the Early Retirement Health Incentive. The Authority shall pay 75% of the health care premium for those employees who elect to participate in the Early Retirement Health Incentive to member's age 55, at which time the Authority will pay the full cost of coverage. The employee shall pay 25% of the health care premium until they turn 55. That cost will be invoiced to the employee on an annual basis and payment in full is required within 30days.

**Retirement Eligibility** -Early Retirement Health Incentive: age 50 with 25 years of service  
Otherwise: age 55 with 10 years of service

**Termination Prior to Retirement** - Authority-provided coverage ceases

**Ordinary Disability Retirement** - Must meet minimum service requirement of 10 years; age requirement waived

**Work-related Disability Retirement** - Age and service requirement waived (i.e. immediate eligibility)

**Death while Retired** - No Authority-paid coverage for surviving spouse

**Death while in Vested Status** - No Authority-paid coverage for surviving spouse

**Death while Active** - No Authority-paid coverage for surviving spouse

**Death due to Work-Related Illness** - Regardless of age or length of service at the time of death, the Authority pays 100% of the cost of coverage for eligible dependents

**Dependent Eligibility**- Spouse and unmarried children up to age 26

**Medicare Part B Premiums** - The reimbursement benefit covers both the Medicare-eligible retiree and spouse. The reimbursement amount effective on January 1, 2019 is \$135.50 per month (basic rate).

# Nassau County Bridge Authority

## Notes to Financial Statements

**Health Plans** - All employees hired before January 1, 2015 participate in the New York State Health Insurance Plan (NYSHIP) Empire plan. Employees hired on/after January 1, 2015 participate in the NYSHIP Excelsior plan.

The monthly premium rates effective on January 1, 2019 used in the valuation are as shown below and they were provided by the Authority.

Eff. January 1, 2019		
Monthly Premiums	Non-Medicare	Medicare
Empire – Individual	\$ 1,042.85	\$ 403.27
Empire – Family	\$ 2,348.15	\$ 1,133.57
Excelsior – Individual	\$ 943.70	\$ 359.78
Excelsior – Family	\$ 2,198.72	\$ 1,030.89

**Summary of Benefit Descriptions** - Brief summary of health plan options under NYSHIP Empire and Excelsior plans effective on January 1, 2019 are as shown below.

Medical / Rx Benefits	Empire Plan	Excelsior Plan
Primary Care Office Visits	\$20	\$30
Specialty Office Visits	\$20	\$30
Inpatient Hospital	Covered in full	\$250
Emergency Room	\$70	\$100
Prescription Drugs (generic / brand / non-formulary)		
30 days (mail or retail)	\$5 / \$25 / \$45	\$10 / \$40 / \$70
31-90 days (retail)	\$5 / \$50 / \$90	\$20 / \$95 / \$80
31-90 days (mail)	\$10 / \$50 / \$90	\$25 / \$95 / \$180

### Actuarial Valuation Process

1- The actuarial cost method used in this report is the Entry Age Normal Level Percentage of Pay Cost Method (EAN). For employees who have not yet retired, the accrued benefit is defined to be the pro-rata portion of the benefit projected to be payable upon retirement. For each active employee, the valuation considers the future OPEB benefit and determines the annual cost based on a constant percentage of pay for each individual.

- a) The benefit projected to be payable at retirement is defined to be the per capita claim cost at that date and is subject to increases after that date. The initial per capita claim cost is the value in effect at the Valuation Date. This is developed from either claims or premium

# Nassau County Bridge Authority

## Notes to Financial Statements

---

information, as appropriate. Subsequent values are determined by applying cost trend factors to the initial value.

- b) For retirees, the accrued benefit is 100% of the benefit currently being received, which is represented by the initial per capita claim cost. This benefit is subject to future increases.
- c) Assumptions for per capita claim costs and cost trend factors are discussed later in this section.
- d) Once each employee's accrued benefit is determined, the TOL is calculated on a seriatim basis.

2- The Service Cost is determined for each employee, by considering the future OPEB benefit and determines the annual cost based on a constant percentage of pay for active member. There is no Service Cost for retirees because, by definition, there is no incremental benefit.

3- The Deferred Inflows and Outflows is that portion of the TOL that is required to be funded in a given year. Under GASB 75 changes in the TOL actuarial experience and assumption change impacts are recognized in the OPEB expense over a closed period equal to the average of the expected remaining service lives of all employees that are provided with benefits through the OPEB plan (active employees and inactive employees), beginning in the current period.

4 - The OPEB expense (OE) is the sum of interest to the Measurement Date on the TOL, the Service Cost, benefit payments, and recognition of increases/decreases in the TOL due to changes in benefit structure, difference between expected and actual experience, and assumption changes. The difference between expected and actual experience and assumption changes are spread over the average remaining service lives of the population for the purposes of the OPEB expense.

5 - The item Contribution consists of benefits paid by the NCBA in respect of retirees. This typically consists of amounts spent by the NCBA on retirees' premiums.

### **Actuarial Assumptions**

In accordance with GASB 75, the selection of all actuarial assumptions, in valuations of postretirement health care plans including the health care cost trend rate, should be guided by Actuarial Standard of Practice No. 6, Measuring Retiree Group Benefit Obligations, as revised from time to time by the Actuarial Standards Board. Accordingly, actuarial assumptions should be based on the actual experience of the covered group, to the extent that creditable experience data are available, but should emphasize expected long-term future trends rather than give undue weight to recent past experience. The reasonableness of each actuarial assumption should be considered independently based on its own merits, its consistency with each other assumption, and the combined impact of all assumptions.

The demographic assumptions are based on the same assumptions used in the New York State Employees Retirement System (NYS ERS) actuarial valuation, which was first adopted on April 1, 2015.

# Nassau County Bridge Authority

## Notes to Financial Statements

---

The actuarial assumptions used to value the post-retirement medical liabilities can be categorized into three groups:

1. Economic assumptions
2. Medical assumptions
3. Demographic assumptions

Many of the assumptions listed below in this section of the report have been changed from the previous full valuation. Some changes are due to the transition to GASB 75, while others were intended to align assumptions, such as Retirement, Disability, and Withdrawal rates, with the latest available rates used in the NYS ERS actuarial valuation (first adopted on April 1, 2015). The accounting standard used in this year's valuation has been updated from GASB 45 to GASB 75. As part of the accounting standard change:

1. The cost method has been updated from Projected Unit Credit to Entry Age Normal Level % of Salary. In conjunction with this change, the payroll growth assumption is now assumed to be 3.50%. This assumption was not needed in prior valuations.
2. The discount rate used in the accounting valuation has been changed to be based on the 20-year, tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. The discount rate used in the prior valuations under GASB 45 accounting standard was 4.00%

The three economic assumptions used in the valuation are discount rate, health care cost trend rates, and payroll growth. The economic assumptions are used to account for changes in the cost of benefits over time and to discount future benefit payments for the time value of money.

### Discount Rate

GASB 75 specifies that the discount rate should be selected based on a yield or index rate for 20-year, tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher (or equivalent quality on another rating scale).

The municipal bond index used was the Bond Buyer 20-Bond GO Index. The rates as of the prior and current measurement dates are as shown below:

<u>December 31, 2018</u>	<u>December 31, 2019</u>
4.11%	2.74%

As prescribed by GASB 75, since NCBA does not fund the plan, the investment return assumption (discount rate) is set equal to the 20-year municipal bond rate noted above, which are 4.11% as of December 31, 2018 and 2.74% as of December 31, 2019.

# Nassau County Bridge Authority

## Notes to Financial Statements

### Health Care Cost Trend Rates

Medical costs have historically increased more rapidly than the rate of inflation. In estimating future retiree benefits, future increases in medical costs must be taken into consideration. The medical trend assumptions used in the valuation were developed using the Society of Actuaries(SOA) Long-Run Medical Cost Trend Model (Version 2018\_c). The SOA model was first released in December 2007. The SOA Long-Run Medical Cost Trend Model and its baseline projection are based on an econometric analysis of historical U.S. medical expenditures and the judgments of experts in the field. The long-run baseline projection and input variables were developed under the guidance of the SOA Project Oversight Group.

The following assumptions were used as input variables into this model:

Rate of Inflation	2.2%
Rate of Growth in Real Income/ GDP per capita	1.6%
Extra Trend due to Technology and other factors	1.3%
Health Share of GDP Resistance Point	25.0%

Year for Limiting Cost Growth to GDP Growth 2075

The medical cost trends used in the valuation are shown below and are an output of the SOA Long-Run Medical Cost Trend Model.

Year	Annual Trend
2019	5.40%
2020	5.30%
2025	5.19%
2030	5.19%
2035	5.19%
2040	5.19%
2050	4.83%
2060	4.63%
2070	4.18%
2075 & Ultimate	3.84%

### Payroll Growth

Pay is assumed to increase at 3.50% per annum.

# Nassau County Bridge Authority

## Notes to Financial Statements

---

### Medical Assumptions

The valuation projects the healthcare costs for employees who remain insured by the NCBA with coverage after retirement. Under GASB 75 and ASOP 6, the initial per capita claim cost should be based on the recent claims experience of the NCBA and must be age-banded, unless the NCBA has premium equivalent rates or fully-insured rates that are determined using retirees only claims experience.

Depending on the credibility of the experience data provided by the NCBA, industry-wide information may be incorporated into the analysis. The cost of covering retirees is on average significantly higher than the cost of covering active employees. By charging retirees a blended premium that is less than their true cost of coverage would dictate, the NCBA is providing an additional subsidy for these retirees (implicit subsidy). Under the rules set out in GASB 75, both the direct contribution and the implicit subsidy must be considered in measuring the NCBA's postemployment medical benefit obligation.

Following actuarial standards, specifically ASOP 6, leads us to develop age-specific health care cost estimates using provided plan premium rates effective on January 1, 2018, as noted above. The table below shows annual per capita medical plan costs at representative ages for 2019. These costs are assumed to increase with health care trend rates in the future.

### Demographic Assumptions

The demographic assumptions use for valuing the liabilities of the retiree medical plan are those used in the NYS ERS actuarial valuation first adopted on April 1, 2015.

The demographic assumptions include the rates of mortality, withdrawal, retirement, and disability. Ancillary demographic assumptions include the participation rates, spousal coverage election rate, and plan participation.

### Participant Data

The following table shows the current participants as of January 1, 2019. The data has been reviewed for reasonableness and no material modification was made to the information provided.

# Nassau County Bridge Authority

## Notes to Financial Statements

Table 9 - Current Retired and Active Population

Retirees				Active Employees			
Age Group	Females	Males	Total	Age Group	Females	Males	Total
<55		1	1	<29			0
55 – 59		1	1	30 – 34		3	3
60 – 64		3	3	35 – 39		1	1
65 – 69		1	1	40 – 44		1	1
70 – 74		2	2	45 – 49	1	1	2
75 – 79	2	2	4	50 – 54	6	3	9
80 – 84		2	2	55 – 59		2	2
85 – 89			0	60 – 64	1	2	3
90+			0	65+			0
<b>Total</b>	<b>2</b>	<b>12</b>	<b>14</b>	<b>Total</b>	<b>8</b>	<b>14</b>	<b>22</b>

Average Age 70.6

Average Age 50.4

Average Service 14.5

### Ancillary Demographic Assumptions

#### Participation Rates

Based on an analysis of the data provided, we have assumed that 100% of eligible participants will elect coverage at retirement.

#### Spousal Coverage Election Rates

For current retirees, actual coverage status and spouse age is used. For future retirees, the valuation data provided by NCBA showed that the percentage of participants who have elected family coverage under the plan stayed similar to the previous valuation. Following are the assumptions for active employees electing family coverage at retirement as applied to the current valuation:

- Males: 65%
- Females: 34%

# SUPPLEMENTAL SCHEDULES



**NASSAU COUNTY BRIDGE AUTHORITY**  
**Statement of Operating Expenses**

<i>Year ended December 31,</i>	<b>2019</b>	<b>2018</b>
Salaries	\$ 2,089,003	\$ 1,939,339
Depreciation	2,529,976	2,328,591
Employee Benefits	498,359	474,263
Insurance	366,908	366,129
Retirement Plan	292,971	224,399
Payroll Taxes	164,050	152,936
Utilities	96,625	102,937
Other Post-Employment Benefits	640,240	473,390
Repairs & Maintenance	56,319	144,705
Professional Fees	155,625	152,490
Biennial Inspection	119,151	90,139
Pass Cards & Decals	21,825	14,703
Office Expense	17,994	24,919
Automobile	7,507	9,211
Interest Expense - Truck Purchase Leases	3,243	4,814
Telephone	8,232	8,337
Uniforms	1,516	4,254
Armored Carrier	12,685	6,714
Payroll Service	9,163	8,776
Bonded Trustee & Call fees	2,750	2,750
Computer	7,834	5,739
<b>Total Operating Expenses</b>	<b>\$ 7,101,976</b>	<b>\$ 6,539,535</b>

NASSAU COUNTY BRIDGE AUTHORITY

SCHEDULE OF CHANGES IN THE EMPLOYER'S NET PENSION LIABILITY AND RELATED RATIOS

LAST 10 FISCAL YEARS\*

(Unaudited)

**Total Pension Liability:**

	2019	2018	2017	2016
Service cost	\$201,080	\$176,195	\$180,584	189,243
Interest	778,684	707,405	717,195	726,692
Difference between expected & actual experience	44,007	72,424	13,870	(174,630)
Changes In Assumptions	55,519	2,861	(59,644)	347,172
Benefit payments	(673,592)	(598,140)	(595,851)	(598,604)
Other, net	(5,680)	(8,905)	(3,992)	(9,753)
Net change in total pension liability	400,018	351,840	252,162	480,120
Total pension liability—beginning	<u>12,754,319</u>	<u>12,402,479</u>	<u>12,150,317</u>	<u>1,670,197</u>
<b>Total pension liability—ending</b>	<b>13,154,337</b>	<b>12,754,319</b>	<b>12,402,479</b>	<b>12,150,317</b>

**Fiduciary net position:**

Contributions—employer	243,041	231,621	241,620	282,117
Contributions—member	21,607	18,673	18,732	18,775
Net investment income (loss)	558,675	1,086,899	1,051,840	(21,223)
Benefit payments	(673,592)	(598,140)	(595,851)	(598,604)
Refunds of contributions	(5,680)	(6,044)	(3,992)	(9,753)
Administrative expense	(7,453)	(6,273)	(5,747)	(6,036)
Other additions	<u>10,023</u>	<u>10,656</u>	<u>12,258</u>	<u>12,870</u>
Net change in fiduciary net position	146,621	737,392	718,860	(321,854)
Fiduciary net position—beginning	12,565,062	11,827,670	11,108,810	11,430,664
<b>Fiduciary net position—ending</b>	<b><u>12,711,683</u></b>	<b><u>12,565,062</u></b>	<b><u>11,827,670</u></b>	<b><u>11,108,810</u></b>
<b>Net pension liability—ending</b>	<b>442,654</b>	<b>189,257</b>	<b>574,809</b>	<b>1,041,507</b>

Ratio of fiduciary net position to total pension liability 96.6% 98.5% 95.3% 91.4 %

Covered-employee payroll 1,710,214 1,564,891 1,602,759 1,580,984

Net pension liability as a percentage of covered-employee payroll 25.8% 12.09% 35.9% 65.9 %

*\*Schedule is intended to show information for 10 years. Additional years will be displayed as they become available. The amounts presented for each fiscal year were determined as of the System's measurement date.*

NASSAU COUNTY BRIDGE AUTHORITY

SCHEDULE OF CHANGES IN THE EMPLOYER'S NET PENSION LIABILITY AND RELATED RATIOS

March 31, 2019

(Unaudited)

**NOTES TO REQUIRED SUPPLEMENTARY INFORMATION (UNAUDITED)**

***Changes in benefit terms:***

There were no significant legislative changes in benefits for the April 1, 2018 actuarial valuation.

***Changes in Assumptions:***

There were no significant changes in the economic and demographic assumptions used in the April 1, 2018 actuarial valuation. The salary scales for the plan used in the April 1, 2018 actuarial valuation were increased by 10%.

***Methods and assumptions used in calculations of actuarially determined contributions:***

The April 1, 2017 actuarial valuation determines the employer rates for contributions payable in fiscal year 2019. The following actuarial methods and assumptions were used:

**Actuarial Cost Method** – The system is funded using the Aggregate Cost Method. All unfunded actuarial liabilities are evenly (as a percentage of projected pay) amortized over the remaining worker lifetimes of the valuation cohort.

**Asset Valuation Period** – 5-year level smoothing of the difference between the actual gain and the expected gain using the assumed investment rate of return.

**Inflation** - 2.5%

**Salary scale** - 3.8%

**Investment rate of return** –7% compounded annually, net of investment expenses, including inflation.

**Cost of Living Adjustments** - 1.3% annually

NASSAU COUNTY BRIDGE AUTHORITY  
STATEMENT OF FIDUCIARY NET POSITION

March 31, 2019

(Unaudited)

Assets:	
Investments	\$12,458,251
Securities lending collateral — invested	304,477
Forward foreign exchange contracts	951
Receivables	271,496
Capital assets, net of accumulated depreciation	<u>20,208</u>
Total assets	13,055,383
Total Liabilities	<u>343,700</u>
<b>Net Position, restricted for pension benefits</b>	<b>\$ 12,711,683</b>

This financial report is designed to provide a general overview of the NCBA's proportionate share of the plan's fiduciary net position. The complete detailed report may be obtained from the New York State and Local Retirement System, 110 State Street, Albany, New York 12244- 0001. The report can also be accessed on the Comptroller's website at [www.osc.state.ny.us/pension/cafr.htm](http://www.osc.state.ny.us/pension/cafr.htm).

See accompanying notes to financial statements

**Morse & Company CPAs, LLP**

Certified Public Accountants

505 8<sup>th</sup> Avenue Suite 1801

New York, NY 10018-4527

(212) 765-2200

**REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

Board of Commissioners  
Nassau County Bridge Authority  
Lawrence, NY 11559

We have audited the financial statements of the Nassau County Bridge Authority as of and for the year ended December 31, 2019, and have issued our report thereon dated April 22, 2020. 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.

**Internal Control Over Financial Reporting**

In planning and performing our audit, we considered Nassau County Bridge Authority's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements and not for the purpose of expressing an opinion on the effectiveness of the internal control over financial reporting.

A *control deficiency* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the entity's financial statements that is more than inconsequential will not be prevented or detected by the entity's internal control.

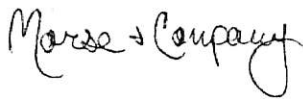
A *material weakness* is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the entity's internal control.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the Nassau County Bridge Authority's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

This report is intended solely for the information and use of the Board of Commissioners, audit committee, management, and the State of New York Office of the State Comptroller, and is not intended to be, and should not be used, by anyone other than these specified parties.



Morse & Company CPAs, LLP  
New York, N.Y. 10018  
April 22, 2020