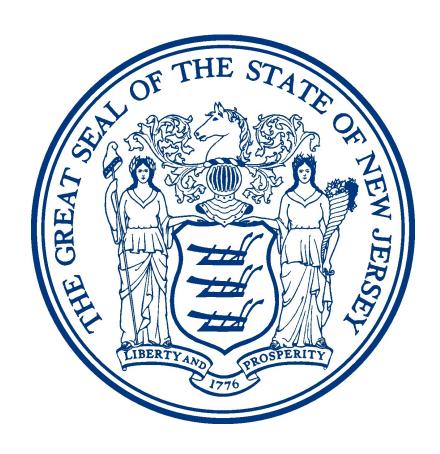
# NEW JERSEY BUILDING AUTHORITY



2018 Annual Report



Phil Murphy Governor

Sheila Oliver *Lt. Governor* 

John H. Fisher III Chairman

The Honorable Philip D. Murphy Governor of the State of New Jersey

The Honorable Sheila D. Oliver Lt. Governor of the State of New Jersey

The Honorable Stephen M. Sweeney President, New Jersey Senate

The Honorable Craig Coughlin Speaker, New Jersey General Assembly

The Honorable Elizabeth Maher Muoio State Treasurer

Consistent with N.J.S.A 52:18A-78.26, I am pleased to report on the activities of the New Jersey Building Authority for calendar year 2018.

Respectfully,

John H. Fisher III Chairman

gol H. Fisher



# **TABLE OF CONTENTS**

Report from the Chairman and Executive Director of the New Jersey Building Authority 5
Board of Directors
Ex-Officio Board Directors
Overview of the History of the Building Authority
Current Construction and Renovation Projects
Past Construction and Renovation Projects
Acquisition of State Office Buildings
Richard J. Hughes Justice Complex
Building Authority Financing Activities
Past and Present Board of Directors
Past and Present Ex-Officio Board Directors
Past and Present Executive Directors
Executive Director's Certification
Financial Statements Appendix A







**Executive Director** 

# Report from the Chairman and Executive Director of the New Jersey Building Authority

We are pleased to submit the 2018 Annual Report of the New Jersey Building Authority (NJBA). This report provides the history of the NJBA, the status of our projects, financial activity, and audited financial statements. As evident in this report, with each new project, our work scope has grown in complexity. We are certainly proud of our achievements. Our portfolio continues to expand resulting in successful projects that include a wide range of new work including the renovation and repairs of State office buildings; the restoration of historical structures; and the construction of correctional facilities, and state-of-the-art technology campuses.

The NJBA in partnership with Treasury's Division of Property Management and Construction, are involved with the Comprehensive Renovation and Restoration of the Executive State House. The State of New Jersey's Executive State House is one of the oldest State Capitols in the country and preserving this historical structure also preserves the history of the City of Trenton, New Jersey. The NJBA remains prepared for future projects anticipated by the State.



# **New Jersey Building Authority**

Whether we are preserving New Jersey's history through restorations; renovating museums for New Jersey families to enjoy; or constructing high-tech laboratories to ensure the protection and well-being of the citizens of New Jersey, we never lose sight of our core values:

- ·A clear understanding of the client's needs, objectives and expectations;
- ·A strong professional commitment to achieve the client's objectives;
- ·An on-going, productive working relationship with the client characterized by an open line of communication throughout the process, and;
- ·A continuous focus on the philosophy that the client is the purpose of our work. Our gratitude goes out to the NJBA board members and staff. The New Jersey Building Authority's success is built on their knowledge, professionalism, and dedication.

This year we would like to thank our Lawmakers, and the Department of the Treasury's: Office of Public Finance, Division of Property Management and Construction, and the Division of Administration. We rely on their expertise from the early planning stages of our projects, and well after the close-out phases.

We are proud to be part of a winning team that will continue to strive for excellence as we build New Jersey's future.

निर्मा नाडाय चेट्

John H. Fisher III Chairman Raymond A. Arcario Executive Director





**John H. Fisher III, Chairman** Governmental Affairs Specialist Archer & Greiner



Prentis C. Nolan, III
President
PC Nolan & Associates, Incorporated



**Dennis McNerney** Bergen County Executive



William T. Mullen
President
NJ Building & Construction Trades Council



# **Board of Directors**



William C. Sproule **NJ Regional Manager** New Jersey Regional Council of Carpenters



Sean Earlen **Director** Silvi Group Companies



Kurt R. Krueger Jr. **Business Manager/**Finance Secretary -Treasurer Local Union #322 Plumbers & Pipefitters

# **Ex-Officio Board of Directors**



Elizabeth Maher Muoio State Treasurer Michael Kanef serves on behalf of the State Treasurer.



David Ridolfino
Director, OMB
Michael Griffin serves on behalf of the Director.



B. Carol Molnar, Esquire Chair, Commission on Capital Budgeting and Planning

9

# A Brief History of the New Jersey Building Authority

The New Jersey Building Authority (the "Authority"), a body corporate and politic and an instrumentality of the State of New Jersey, was created in 1981 by the State Legislature for the purpose of financing, acquiring, constructing, reconstructing, rehabilitating, or improving office buildings and related facilities to meet the needs of State agencies.

In 1992, the State Legislature amended the Authority's statute to expand the types of projects the Authority can undertake. In addition to office buildings and related facilities, the Authority can now construct or renovate State correctional facilities and restore historic public buildings. The amendment also removed the \$250 million bond principal limitation.

The Authority, under a master lease with amendments for individual properties, has leased to the State the buildings constructed or renovated with the funds provided from various bond offerings made by the Authority. The State is required to pay rent to the Authority at times and in amounts sufficient to pay: (1) debt service on the bonds outstanding (to the extent such debt service is not funded from bond proceeds); and (2) administrative expenses of the Authority. The lease transactions with the State are accounted for as direct financing leases.

The State is responsible for the award and monitoring of all contracts for the design, acquisition and construction of projects as well as supervision of construction work and acceptance of the completed projects. Project costs incurred by the State are paid by the Authority's bond trustee out of the construction fund after approval by an authorized Authority representative. Pursuant to the terms of the master lease, the State is responsible for the adequacy, sufficiency and suitability of the plans and specifications of any contracts or agreements with respect to the acquisition or construction of these projects. During the master lease term, the State is responsible for all costs relating to the operation, maintenance and repair of the projects. In addition, the state pays for all utilities, taxes and governmental charges during the lease term.

At any time prior to the expiration of the master term, the State has the option to purchase the projects for a price of \$1 plus an amount sufficient to provide the full payment of the bonds and accrued interest in conformity with the bond resolution. If such option has not been exercised prior to the end of the lease term, the title to the projects will be transferred by the Authority to the State at that time.

The obligation of the State to make rental payments is subject to and depends upon yearly appropriations being made by the State Legislature for such purposes. In the event the State fails to make the necessary lease payments, the Authority may take possession of the projects and either lease or sell them to another party. In either case, the State is obligated to reimburse the Authority for any deficiency between the lease payments called for by the master lease and amounts paid by other parties. Through December 31, 20178 the Authority has undertaken projects totaling in excess of \$1.4 billion.



# **Current Construction and Renovation Projects**



# **Executive State House Comprehensive Renovation & Restoration**



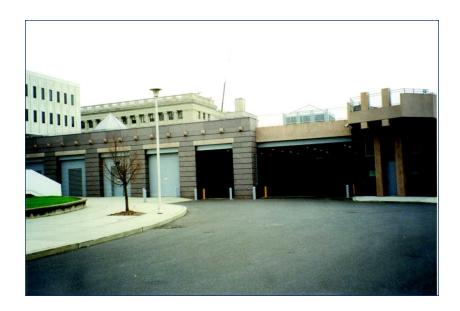
The Executive Statehouse is a historic structure that was developed over multiple distinct building campaigns beginning in 1792, representing different periods of construction, structural systems and building materials that were connected to form the State House Complex as is known today. Understanding the historic development requires the systematic analysis of these areas to delineate limits of construction, connections and transitions, use of materials and assemblies used to better define the necessary restoration of the building.

The original New Jersey Executive State House Comprehensive Exterior and Interior Renovation was intended to be an exclusively exterior renovation project with a new HVAC system including replacement of rooftop HVAC units; and electrical upgrades as required to support improvements. In late 2013, it was determined, if only the original project was executed, significant deficiencies would remain unaddressed in spite of a considerable outlay of funds and services. This outlay would have required significant disturbance to the building occupants, that is, the business of government. In addition, chronic building deficiencies would have remained. After a long and careful consideration, in 2016 the decision was reached that a comprehensive exterior and interior renovation should be undertaken. As a result, the Design Consultant was directed to prepare a Comprehensive Plan and Program Report for the long-term use of the building, with an overview of the needs of the building inside and out.

In the Spring of 2017, the comprehensive renovation and historic restoration of the entire Executive Statehouse received the Governor's Office support and new funding was secured. In June 2017, the Design Consultant commenced new design efforts with the schematic design documents issued in December 2017. Concurrently, early bid packages were developed and work completed to inform the Design Consultant during the design phase.

Project Budget: \$283,000,000

# **New Jersey State House Mechanical Equipment Room Relocation**



The objective of this project is to relocate the existing State House Parking Garage (Garage) mechanical room, electrical substation located on Level 1 and the elevator mechanical room to the existing Power House adjacent to the Garage. The State House Garage was constructed in 1994. Since 2004, severe or moderate flooding, or the threat thereof, has occurred sixteen times requiring the temporary relocation of mechanical and electrical equipment to an area less prone to flooding. Significant costs are incurred in temporarily relocating the equipment and restoring it to operational status after each flood event. Additionally, the garage is closed for days at a time while equipment is moved and not operational.

The project scope will include and is not limited to the installation of new HVAC equipment, motor controls centers and associated electrical equipment in the Power House and removing and disposing of the existing equipment located in the Garage mechanical and electrical substation rooms. Additionally, the existing hydraulic elevator mechanical equipment for elevators 1, 2, and 3 located in the Garage on Level 1 shall be relocated to the Power House. The existing hydraulic elevator mechanical equipment for elevator 4 location in the Garage on Level 1 shall be relocated to Level 3 of the Garage.

A scope of work was developed and made available to randomly selected Design Consultant firms for submission of proposals for design of this project. Technical and fee proposals were received during January 2013 and a design contract was awarded during March 2013. Design development followed and construction plans were finalized and put out to bid. A contract was awarded for construction in May 2014. and the project was substantially complete in September 2016 and is currently in closeout. There is extended preventative maintenance agreement in effect through September 2017 for the newly modernized elevators.

Project Budget: \$6,300,000







# NJ State House Annex Archives



This project scope will address the humidity levels in the State House Annex Archive Library to mitigate health, safety and environmental concerns that evolved from employee complaints of odors and respiratory discomfort. It also addresses the required humidity levels for Archival storage of books to prevent mold growth. The work consists of evaluating existing air handling unit (AHU) #4; installation of hard ducted connections from the return air transfer, installation of a new return fan, mixed air damper and exhaust damper. Testing, balancing and system certification are also to be done.

A scope of work was developed and made available Design Consultant firms for submission of proposals for design of this project. The selected Design Consultant presented their investigation report to the New Jersey Building Authority and the Office of Legislative Services (OLS) and began design development. Plans and specifications were approved in October 2013. and put out to bid. The scope included renovations to Annex Rooms 101 and 103 for a new library and work space for the Office of Public Information and converting room B63A into an Archival Storage area for the State House historic book collections. A construction contract was awarded in December 2013. New library shelving and renovations to Rooms 101 and 103 were completed; the archival storage shelving in B63a and the installation of a new HVAC system were completed and the HVAC controls tied into a new building automation system. The project was completed within budget and is currently in Engineering closeout.

Project Budget: \$415,000

# NJ State House Annex East Wing Basement Water Infiltration

The objective of this project will address exterior and interior conditions that cause elevated humidity and mold growth in the State House Annex Library. Exterior waterproofing will occur around the electrical and mechanical rooms, the Legislative library and Legislative computer rooms in order to prevent water seepage which compromises the day—to-day legislative operations. The interior spaces and use of the State House Annex East Wing basement are sensitive to moisture and humidity levels, and has resulted in the closing of the library and relocation of most library staff in response to health complaints from staff in some sections of the Annex East Wing basement. The work includes repair of damaged concrete and re-pointing of stone wall joints exterior perimeter surface drains a plastic impermeable sheet under landscaping areas.

During the design phase the Design Consultant made a recommendation to install two underground monitoring wells in the Annex Courtyard to check existing water table levels in order to determine if ground water is the cause of the water infiltration. In August 2012 the two monitoring wells were installed and were monitored for a year until August 2013. The Design Consultant determined ground water likely not the cause of the water infiltration and water infiltration resulted from other sources which include poor grading and surface water runoff. Based on the Design Consultant's findings an amendment was approved to revise the original project scope resulting in project savings.

The originally scope was revised during the design phase to no longer included deep excavation to apply full height exterior waterproofing at the north and west foundation walls. The current project scope includes re-pointing of stone wall joints, rubberized waterproof membrane repair at select height along the north foundation wall and northwest corner only, plastic impermeable sheet under the landscape stone and new subsurface underdrainage piping to collect any passage of sur-

face water run-off from advancing toward the north and west foundation walls.

The project was bid in June 2014, construction started in September 2014, substantial completion in the Spring 2015 and closeout in December 2015.





# Richard J. Hughes Justice Complex Elevator Modernization



The objective of this project is to perform necessary repairs and modernization to fourteen (14) elevators at the Richard J. Hughes Justice Complex which were originally installed in 1979. The elevators were upgraded in 1994 with the exception of Elevator #13 which is a hydraulic lift. An elevator consulting firm assessed the current condition of the elevators at the Justice Complex to be in fair condition, but noted that none of the elevators comply with current American with Disabilities Act (ADA) requirements or Firefighter's Service codes.

The project scope will include a partial modernization and upgrades to the elevators at the Justice Complex in accordance with current safety code standards. The upgrades will include installation of new controllers, repairs to hoist machines with new variable frequency drives, car controls, platforms, buffers, new entrances, fire control operations, car and floor operating and signal fixtures, hoist way and machine room wiring, complete new door controls in order to make ADA compliant. Since it is probable that the elevator project will disrupt normal Justice Complex building operations, the elevator modernization project will occur in accordance with a phased restoration plan.

Technical and fee proposals were received from randomly selected Design Consultant firms. A contract was awarded in July 2011 for design consultant services. With construction documents approved, the project was bid in December of 2012 and a construction contract was awarded in January 2013. The modernization of the elevators continued through the end of October 2013 with substantial completion achieved. The project included an extended two year preventative maintenance period which ended in December 2015.

Project Budget: \$2,000,000

# NJ Statehouse Welcome Center Atrium



This project will address water infiltration in the State House Welcome Center Atrium Lobby located below the State House Plaza Park. This raised Plaza Park area is directly above the State House Atrium Welcome Center lobby. It consists of granite paved surfaces above drainage and waterproofing systems. Some areas of the waterproofing membrane have been leaking since 2002, causing water infiltration into the State House Atrium. Water is frequently found on the floor of level 3 of the State House Atrium creating hazardous conditions at one of the main entrances to the Capitol Complex. The project scope will consist of the removal of the overburden at this raised Plaza Park area above the Welcome Center Atrium to include railings and granite pavers in order to allow access for the replacement of the drainage and waterproofing systems and the reinstallation of salvaged pavers and exterior caulking.

A scope of work was developed and made available to randomly selected Design Consultant firms for submission of proposals for design of this project. Technical and fee proposals were received and a design contract was awarded during July 2011. Design development followed and construction plans were finalized. A construction contract was awarded in May 2012 and the work was substantially complete in October 2012. Contractor closeout is complete. Additional work was performed by a separate contractor at the skylight during 2014 to mitigate water infiltration by removing flashings and re-caulking the glazing panels.

Project Budget: \$400,000

# <u>New Jersey State Auditorium</u> <u>HVAC Upgrades- New Digital Controls for HVAC System</u>



The objective of this project at the NJ State Auditorium will include the replacement of the existing automatic temperature control system with a new digital control system and HVAC improvements. The New Jersey State Museum Auditorium was built in 1964; the Auditorium still has much of the original HVAC systems in place and has only received minor ductwork modifications during its operational history. The HVAC systems within the Auditorium facility were originally equipped with a pneumatic automatic temperature control system and are in various states of failure and disrepair.

A scope of work was developed and made available to randomly selected Architectural firms for submission of proposals for design of this project. Technical and fee proposals were received and a design contract was awarded during May 2011. Design development followed and construction plans were finalized and the project was put out to bid. A construction contract was awarded during August 2012 and construction followed and was completed during February 2013.

The project's proposed substantial completion certificated is dated February 28, 2013. Contract issues between the Contractor and the State were reviewed and resolved late 2014. Project closeout occurred in 2015.

Project Budget: \$500,000

# NJ Public Health, Environmental and Agriculture Laboratory Facility

The objective of this project is to construct a new 200,000 square foot Public Health, Environmental and Agriculture Laboratory (NJPHEAL) in the NJ State Police Headquarters Complex in West Trenton. The laboratory will consolidate operations in a highly secure state-of-the-art facility, eliminate duplicative processes, and allow State departments to share resources.

Approximately 165,000 square feet will be dedicated to specialized laboratories and 35,000 square feet will be utilized for administrative and support services. Included in the design are a biological lab to safely handle dangerous pathogens and toxic chemicals; a necropsy lab for the detection of animal-borne diseases; a greenhouse for the evaluation and prevention of threats to the state's agricultural resources; and training facilities for personnel.

By August 2005, contracts for design and for construction management services were awarded. Early analysis determined that the original building size was more than the budget could accommodate so the design was reconfigured to reduce the overall exterior square footage without compromising the integrity of the structure or jeopardizing necessary program functions. To curb costs further, the project was separated into general construction and structural steel packages, and some elements such as site irrigation, greenhouse construction, kitchen equipment and the paging system were bid as add alternatives.

To safeguard the laboratory facility, the campus security scope includes hardened security checkpoints, a closed circuit TV system, perimeter fencing, and a command center. The perimeter fence technology and additional check points will be incorporated as add alternatives.

The early bid package for structural steel was awarded by the end of 2007.

The site, civil engineering and foundation contract, and the general construction contract were both awarded early in 2008.



By February 2008, upgrades to the permanent perimeter security fencing were completed. These enhancements will serve to secure the site during construction, and be incorporated into the overall campus security plan. Site excavation began in April along with the installation of storm-water piping. During the summer, parking lot curbing was positioned. Early that fall, elevator jack holes were drilled, and the first structural steel columns were set. By the end of the year, the site excavation phase was completed, and underground utilities were positioned within the building footprint. Metal decks were installed, and concrete deck slabs were poured.



# NJ Public Health, continued

During 2009, with the structure complete, the pace of construction ramped up significantly. Spray on fire-proofing was applied to the structural steel and exterior wall framing commenced. Simultaneously, HVAC piping and ductwork installations began on the second through fifth floors while underground plumbing was completed on the first floor. As the year progressed, above ceiling MEP installations were underway and by late summer the main switchgear had been installed, tested and activated so that the building was now on permanent power. Interior drywall partition installation activity was significant by mid-year and finishes started to be installed by late 2009. Laboratory over-



head service carriers were being installed and laboratory casework deliveries had commenced. The exterior wall systems were completed by year end with the exception of the Administrative Wing area. Also during 2009, construction of the Pre-Screening Building and the Greenhouse commenced.

By the end of 2010, the construction of the Administration Wing, Pre-Screening Building and the Greenhouse was completed and the Department of Community Affairs issued a Temporary Certificate of Occupancy. Both the Department of Health and Senior Services and the Department of Agriculture were finalizing their relocation planning. During 2011, the departments began relocation of its employees into the new Facility. By the end of 2012, the Facility had become fully operational.



Project Budget: \$154,884,000



# NJ State Police Security Command Center and Security Upgrades



As part of the NJ Public Health, Environmental and Agriculture Laboratory Facility there is a need to make improvements to the security systems in place at the State Police Division Head-quarters Campus in West Trenton.

The scope of this project will address Security upgrades for Trooper Drive entrance and renovation to the recently acquired Wilburtha Station which will become the Security Command Center. The roadway entrance reconstruction will consist of new guard booth, road upgrades, security gate arms, anti-ram barriers, card readers and closed circuit TV cameras. The renovations to the existing Wilburtha Station include and are not limited to new roof, soffits, ADA compliant visitor bathroom, lighting, ceilings, wall finishes, new security systems, card readers, closed circuit TV cameras, and new fiber optic data lines. The remodeled building will house site Security Guards and will serve as the main badging building for visitors to the Campus.

During 2013 design development was completed and the project was put out to bid. A construction contract was awarded during September 2013 and renovations for the Security Command Center commenced. Project closeout was completed in 2015.

Project Budget: \$4,566,000



# NJ Department of Treasury Taxation Building



The exterior joint sealants throughout the façade of the Taxation Building are in poor condition and allow water to enter the building envelope. Exterior joint sealants are the primary seal for window and spandrel panel frames and between granite and concrete panels. The fourth floor bridge from the Taxation Building to 33 West State Street is no longer utilized and is leaking and is recommended that it be removed and the wall and fenestration be reconstructed at both buildings. The project scope is to include replacement of joint sealants and glazing sealants throughout the exterior; cutting of glazing gaskets, removal of repair sealants and the installation of new structural glazing sealants at the third through tenth floors; investigate the feasibility for the removal of the bridge to 33 West State Street and reconstruction of the exterior walls; re-pointing of the brick veneer and the replacement of cracked brick at the south end of the east façades.

Technical and fee proposals were received April 14, 2011 from randomly selected Design Consultant firms that submitted proposals for design of this project. The submitted technical proposals were evaluated and rated by the project team along with respective fee proposals a contract was awarded for design services A scope of work was developed and put out to bid in January 2012 and bids received in April 2012. A contract was awarded to the successful low bidder in May 2012.

This project was substantially completed by December 2012 and all contracts have been closed.

Project Budget: \$1,100,000



# Richard J. Hughes Justice Complex Skylight Replacement



The objective of this project is to mitigate water infiltration from the skylight system glazing and framework. The skylight system was integrated in the original design of the Justice Complex when it was constructed nearly 30 years ago. The normal life expectancy of the skylight system is approximately 15 years. The skylight system has been reported to be leaking for the past several years and water infiltration is evident in many areas of the building.

The project scope will include replacement of 256 insulated glass units along with removal of the entire extruded aluminum crossbar framework of the skylight system. Other work includes removal of all caulking within the extruded aluminum compression bars and mullions and replaced with new structural sealants. Repairs and replacement of the flashings at the ridge and eave of the skylight system are also needed and included in this project.

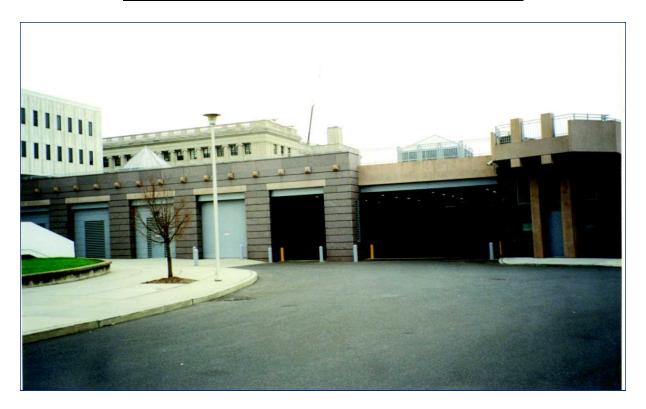
Technical and fee proposals were received from randomly selected Design Consultant firms that submitted proposals for design of this project and were evaluated and rated by the project team. A contract was awarded for design services in July 2011 and construction documents were put out to bid. Bids were received in July 2012 and a construction contract was awarded to the successful low bidder in August 2012.

This skylight system was successfully replaced and all contracts were closed during the first quarter of 2013.

Project Budget: \$782,460



# NJ Statehouse Visitors Complex and Parking Garage



The State House Parking Garage, which is part of the Capitol Complex, was adversely affected by three 50-year flood events which resulted in millions of dollars of restoration costs to equipment and materials. A 2007 structural investigation of the State House Parking Garage prompted by, the flood events identified structural damage to State House Parking Garage that needs to be repaired in order to avoid future, more serious level of repairs to the State House Parking Garage. The project scope will include the repair of open column base and wall cracks, overhead concrete cracking, CMU spalling, unsealed concrete floors, open slab and retaining wall cracking, concrete spalling and corroded reinforcing steel at column bases, missing or deteriorated joint sealants at expansion joints and repairs to localized patching failures.

Technical proposals were received from interested structural engineering consultants during October 2011 and a design contract was awarded during January 2012. Design development followed and construction documents were submitted to and approved by the Department of Property Management and Construction Plan Review Unit at the end of 2012. Bids for the construction were received in May 2013 and a construction contract was awarded in June 2013. Construction work was completed during the first quarter of 2014.

Project Budget \$2,000,000

# **New Jersey State Museum**

The objective of this project is to address the aging infrastructure of the New Jersey State Museum located in Trenton; to protect the health and safety of the State Museum's constituency; and to secure its collections. The project includes enhancements to the HVAC and electrical systems; upgrades to the security structure; installation of a fire suppression system; asbestos remediation; and renovation of vestibules, windows, walls, ceilings and roof. These improvements will bring the State Museum up to code so that collections may be borrowed from other museums providing greater cultural opportunities for the citizens of New Jersey.

The scope of work for design was completed in May 2003 and the contract was awarded by the end of October. The project team evaluated options for relocating and storing the existing museum collection during renovations. It was decided that most of the collection could be stored securely within the museum. The items that were too large to move safely were protected by metal stud frames and fire rated plywood.

In early fall 2004, the museum collection was relocated; a comprehensive fire safety plan was established and implemented; and a temporary security system was installed. The system permitted the monitoring of the museum collection while in storage and during renovations. Components of the temporary system were utilized in the permanent installation. Due to its complexity, the remaining project was put out to bid in four separate packages: general construction, HVAC, electrical and plumbing. Bids were awarded in the summer of 2005.

Asbestos abatement, installation of new ductwork for the HVAC system and electrical upgrades in the mezzanine and storage area were completed by November 2006. By January 2007, first floor demolition was completed enabling the start of framing and ductwork. In March, the general contractor abandoned the project, and that contract was terminated by the State. Work continued with the surety. Eventually, however, the surety was also terminated for default of its contractual obligations. Once a new contractor was secured, work steadily progressed toward completion.

Construction of the walls and ceilings, electrical installation, and renovation of the bathrooms quickly proceeded. By mid December 2007, most interior construction was completed, and a partial Certificate of Acceptance was approved. Staff moved into the 2nd and 3rd floors offices.

In 2008, installation of the plumbing, electrical, lighting, and security systems were completed, and all systems were tested. New vestibules were constructed, and the museum exterior was painted. Final inspections were conducted in May 2008 and the Museum was turned over to the Department of State for reopening.

Project Cost: \$16,000,000





# NJ State Police Emergency Operations Center

The final component of the 2002 Series A Additional Project consisted of the construction of a facility to accommodate the State Police Emergency Management Section and Emergency Operations Center in Ewing, New Jersey. The Emergency Operations Center includes (i) a 47,500 square foot building with office space and crisis management centers for State Police and Governor's Office personnel, as well as bunk and shower facilities, pre-packaged meal cafeteria, and back-up water, power and communications provisions and (ii) a 120-space parking area. Construction on this component of the 2002 Series A Additional Project began in May, 2004 with a majority of construction being completed by summer 2006. A second story shell addition, and its interior fit-out were funded directly by the Department of Law and Public Safety and completed in October 2009. A Certificate of Occupancy was received November 2009 and became fully operational in 2010.





Project Cost: \$ 31,043,963



# New Jersey State Richard J. Hughes Justice Complex

The objective of this project is to ensure that the integrity of the safety, HVAC, electrical, structural and operational components of the facility is maintained. The original project included replacement of the atrium glass, installation of a new roofing system and repairs to the first and second levels of



the parking garage. The majority of those projects were completed by 2004.

As the initial renovations progressed, additional projects were added to the scope of work and were addressed as funding permitted. Considerable renovations to the lobby area were completed during the course of 2004. These included installation of safety film, the construction of entrance and exit vestibules, and the replacement spline ceilings. Throughout the building, walls were repaired and painted, and carpeting was replaced as needed.

Extensive upgrades were made to the existing security structure and include a central monitoring system, card readers, package scanners and magnetometers at all entrances, additional lighting throughout the parking garages, and closed circuit surveillance equipment to monitor activity in and around the building. Guard booths were relocated and anti-ram barriers, roll-up doors, gate arms and stop lights were installed. External renovations included refurbishing the loading dock area, replacing the snow melting system and resurfacing the parking areas. Emergency egress walks, plaza water-proofing, and roofing on the north and west wings were replaced. The day care center playground was resurfaced, and new equipment was installed.

In December 2005, a construction contract to remodel thirty-four bathrooms was awarded. Demolition began in early 2006 and all public restrooms were completed by June. After major renovations were completed, new furniture was placed in public areas and was completed by end of 2006.

Project Cost: \$21,000,000

# Select Past NJBA Project Highlights

<u>Project Description</u> <u>Project Period</u> <u>Project Cost</u>

Dept. of Corrections, 1993—2000 \$234,455,586

**Southwoods State Prison** 

The Bridgeton Prison Project was comprised of the construction of a 1,355,000 square foot medium security prison including a poultry processing plant and a central kitchen which services prison facilities throughout the State. The project added approximately 3,000 beds to the State prison system. This facility is fully operational and has been occupied since 1997.

Dept. of State, Cultural Campus 1997—2001 \$ 16,058,298

Renovation (Phase 1)

This project involved the total demolition and renovation of the buildings mechanical systems and equipment.

Taxation Building Renovations 1997– 1998 \$ 6,513,297

This project included upgrades to the air handler units, energy management and fire safety systems and to make the building ADA compliant.

Dept. of Transportation 2000—2004 \$ 8,400,340

**Engineering & Operations Building** 

**Improvements** 

Upgrades to communications and data cabling. Bringing HVAC systems up to current building codes and ensure fire safety compliance.

Dept. of Law & Public Safety 2001—2003 \$ 83,049,000

State Police Troop C Headquarters
Firing Range & Technology Complex

The new headquarters includes barracks and a firearms range, fueling station, emergency generator, transformer, heliport, communications tower, surface parking and other amenities. These projects have been completed and were within budget.

Dept. of Transportation 2004—2009 \$ 3,655,749

Upgrade fire alarm systems in all DOT main campus buildings. Repair damaged flooring and complete modernization of elevators in three DOT campus buildings.

Labor Building Renovation 2002—2007 \$ 18,357,371

Extensive renovation, asbestos abatement Total interior and exterior refurbishing and replacement of materials and finishes. Make building ADA compliant. Upgrade HVAC and plumbing systems, replace sidewalks.

# Select Past NJBA Project Highlights

Project Description Project Period Project Cost

Old Barracks Museum 1998—2001 \$ 6,623,237

Complete historic restoration of Old Barracks entailing archaeological research. Restoration of roof, porches and parade ground. Installation of a perimeter stockade fence. Complete assessment of the structural integrity of the buildings and the development of a building maintenance program.

War Memorial 1996—2004 \$33,586,014

Renovate and historically restore the interior and exterior of the building to its original 1920's appearance. Install new railings and sound system. Upgrade lighting and make the building ADA compliant and handicapped accessible.

#### Thomas Edison College 1998—2006 \$ 14,294,056

Restoration and renovation of six historic townhouses located at 105-115 W. State Street. The building exteriors were restored to reflect the original 19th Century appearance and the interiors were converted to modern office space for Thomas Edison State College personnel. A new addition connects the townhouses and the Kelsey Building. Restoration of antique exterior clock, refinishing exterior windows and remediation and repair of damage by water and ice. Install new gutters, downspouts and sewer lines.

#### Pinelands Commission Headquarters 2004—2006 \$ 2,002,646

Renovate existing farm buildings for office use. The farmhouse was completely renovated. The ex terior of the building, including windows, were restored to state historic specifications the old roof was replaced. The carriage house was structurally reinforced and painted. The windows were re stored and a new bathroom was added. The barn was converted into office space which required the installation of a bathroom, heating and air conditioning systems, a security access system, and a telecommunication system. The barn roof was also replaced during the renovation.

TOTAL COST OF THESE DAST PENOVATION/PESTOPATION PROJECTS: \$426.005.E04

TOTAL COST OF THESE PAST RENOVATION/RESTORATION PROJECTS: \$426,995,594

# Acquisition of State Office Building Richard J. Hughes Justice Complex, Acquisition Cost: \$80,682,136

Up until 1999, all of the Building Authority's financing activities involved the construction, renovation and restoration of various office buildings, historical structures and correctional facilities. In late 1999, the Building Authority financed the acquisition of an existing building, the Richard J. Hughes Justice Complex.

The cost of acquisition and construction of the complex was financed through the issuance of bonds by the MCIA consisting of \$50 million State Justice Complex Revenue Bonds, 1978 Series A, \$60.2 million State Justice Complex Revenue Bonds, 1979 Series A, and \$2.175 million State Justice Complex Revenue Bonds, 1985 Series A. The MCIA Bonds were defeased to maturity with proceeds from the secondary offering of the Custody Receipts. Pursuant to the MCIA Lease, the State paid the MCIA an amount of rent equal to the sum of (1) the debt service on the Custody Receipts outstanding; (2) payments in lieu of taxes due to the City of Trenton; and (3) the administrative fees and expenses of the MCIA, the Custodian and the MCIA Lease Trustee. The State's payment obligations under the MCIA Lease were subject to, and dependent upon, appropriations being made by the State Legislature, from time to time, for such purpose. During the term of the MCIA Lease, the State was responsible for, and paid all costs of, operating the Justice Complex and making all necessary repairs and replacements to the Justice Complex.

On October 1, 1999, the Building Authority issued \$134.9 million of New Jersey Building Authority Revenue Bonds, 1999 Series. From the proceeds, \$80.7 million was used to acquire the Richard J. Hughes Justice Complex. Upon defeasance of the Custody Receipts, the MCIA Lease was terminated and the MCIA conveyed the Justice Complex to the State which then ground leased it to the Authority pursuant to an amendment to the Ground Lease.





# Financial History of the **New Jersey Building Authority**

# **Initial Project Financing**

Construction of the Environmental Protection Building, Mary Roebling Building, Community Affairs Building, Department of Transportation Annex, Pest Control Laboratory, and Bank Street Garage

To maximize investment earnings during the construction period, the Authority designed a two and one-half year temporary bond issue with interest capitalized for the life of the loan. On December 23, 1981, the Authority sold \$129 million of Revenue Bonds, secured by a lease agreement with the State and rated "Aa" by Moody's and "AA-" by Standard and Poor's, at a coupon rate of 10.5%. The bonds were due on August 1, 1984. The reinvestment of proceeds, according to a projected cash draw-down schedule, was made at a very favorable average return of approximately 14 percent.

Preparation for the long-term financing of the initial project began in September of 1982 but a planned November bond sale was postponed when interest rates moved upward. The sale was eventually consummated on January 13, 1983 when an issue of \$157.1 million refunding bonds was underwritten at a net interest cost of 9.83%. In December 1985, the Authority refinanced its outstanding debt at an interest cost of 9.39%. In May, 1987, the Authority refinanced a portion of the 1985 bonds to achieve debt service savings of \$13 million over the life of the bonds. In September, 1997, a portion of the 1987 bonds were refunded with the 1997 Bond Series.

#### State House Complex Improvements Financing

Restoration and Renovation of the State House and State House Annex Construction of the State House Garage, State House Plaza and Stacy Park

The Authority issued \$49.7 million of Revenue Bonds, 1989 Series to finance the first phase of the project. The bonds were issued at an interest cost of 7.518%. In January, 1994, a portion of these bonds were refunded with the 1994 Series Bonds. In September, 1991, the Authority issued \$74.9 million of bonds to finance the second phase of the improvements. The 1991 Series Bonds were issued as capital appreciation bonds (CABS). These bonds are also a series of Garden State Savings Bonds. During 1990 and 1993 the Authority applied for and received two Historic Preservation Grants from the New Jersey Historic Trust. The grants, which were \$530,450 and \$64,000 respectively, were used to help fund the State House improvements.

# 1994 Project Financing

Construction of South Woods State Prison, Renovation of the Education, Labor and Taxation Buildings, Restoration and Renovation of the Old Barracks, War Memorial, and Edison Townhouses

Completion financing for the State House Complex Improvements.

On January 13, 1994, the Building Authority issued \$314.9 million of New Jersey Building Authority Building Revenue Bonds, 1994 Series. A portion of these bonds were issued as capital appreciation bonds (CABS).

From the proceeds, \$38.8 million was used to advance refund certain outstanding debt; \$249.2 million was used to pay project construction costs. The balance of the proceeds were used to fund accrued and capitalized interest and pay the costs of issuance. The 1994 Series bonds were issued at a yield of 5.0326%.

#### 1995 Financing

The Authority issued no new bonds in 1995.
On July 20, 1995, the Authority entered into a collateralized flexible repurchase agreement.

# 1996 Financing

The Authority issued no new bonds in 1996.

# 1997 Project Financing

Completion financing for the 1994 Projects Replacement of Labor Building Exterior Panel Repair and Restoration of the State House Dome

On September 17, 1997, the Building Authority issued \$224.6 million of New Jersey Building Authority Revenue Bonds, 1997 Series. \$103.2 million of the proceeds were used to refund a portion of the 1987 Series; \$102.5 million was used to complete the costs of the 1994 projects; \$12.3 million was used to finance the Labor Building Exterior Panel Replacement project; and \$9 million was used to pay for the cost of the repair and restoration of the State House Dome. The balance of the proceeds were used to fund accrued and capitalized interest and pay the costs of issuance. The bonds were issued at a yield of 5.0286%.

Additional funding for the State House Dome project was provided through other sources. \$1 million in State appropriations were made available through the Joint Management Commission and approximately \$2 million through private donations and fundraising initiatives. One such fundraising initiative was "Dimes for the Dome". During the week of May 5 - 9 1997, New Jersey school children voluntarily participated in a week-long fundraising drive to raise money for the dome repair and restoration. These students collected dimes and other coins by hosting varied events. They raised over \$48,000, the exact amount needed to gold leaf the dome.

# 1998 Financing

The Authority issued no new bonds in 1998.

#### 1999 Project Financing

Acquisition of the Richard J. Hughes Justice Complex Construction of the Division of Revenue/State Police Facility

On October 1, 1999, the Building Authority issued \$134.9 million of New Jersey Building Authority Revenue Bonds, 1999 Series.

From the proceeds, \$80.7 million was used to acquire the Richard J. Hughes Justice Complex; \$55 million will be used to pay for the construction of a new State Police Multi-Purpose Building and Troop C Headquarters. The balance of the proceeds will be used to fund accrued and capitalized interest and pay the costs of issuance. The bonds were issued at a yield of 5.3150%.

# **2000 Project Financing**

Renovation of the Richard J. Hughes Justice Complex
Construction of the Improvements to the Department of Transportation E & O Building
On August 1, 2000, the Building Authority issued \$29.0 million of New Jersey Building Authority
Revenue Bonds, 2000 Series A.

From the proceeds, \$21.0 million will be used to finance the renovations of the Richard J. Hughes Justice Complex; \$7.5 million will be used to finance the construction of the improvements to the Department of Transportation Engineering & Operations Building. The balance of the proceeds will be used to fund accrued and capitalized interest and pay the costs of issuance. The bonds were issued at a yield of 5.1023%.

# 2001 Financing

The Authority issued no new bonds in 2001.

# **2002** Project Financing

Construction of the State Police Office of Emergency Management and Emergency Operations Center Renovation of the State Museum and the Pinelands Commission Headquarters,

Completion Funding for the State Police Technology/Multi-Purpose Building and Troop C Headquarters

On November 15, 2002, the Building Authority issued \$65 million of NJBA Revenue Bonds, 2002 series A.

From the proceeds, \$26.8 million was used to finance the construction of the State Police Emergency Management and Emergency Operations Center; \$14.1 million was used to finance the renovation of the State Museum; \$23.2 million was used to finance the completion of the construction of the State Police Technology/Multi-Purpose Building and Troop C Headquarters; \$1 million of existing Building Authority proceeds was used to finance the renovations of the Pinelands Commission Headquarters. The balance of the 2002 A proceeds was used to fund accrued and capitalized interest and pay the costs of issuance. The bonds were issued at a variable rate yield.

On November 15, 2002, the Building Authority issued \$210 million of NJBA Revenue and Refunding Bonds, 2002 series B. Those bonds represent a partial refunding of previous issues. The bonds were issued at a variable rate yield.

# 2003 Project Financing

On August 15, 2003, the Building Authority issued \$190 million of NJBA Revenue Bonds, 2003 Series A.

The 2003 Bonds were issued by the Authority to provide proceeds to refund all or a portion of the 1994 Series Bonds, the 1999 Series Bonds, the 2000 Series A Bonds and the 2002 Series A Bonds (the "Bonds to be Refunded") and to pay for costs of issuance of the 2003 Bonds.



# 2004 Project Financing

New Jersey Department of Transportation Elevator Renovations, Limited Floor Re-Tiling and Fire Alarm System Upgrade

On December 1, 2004, the Authority issued \$4.08 million of New Jersey Building Authority Revenue Bonds, 2004 Series A.

The 2004 Series A proceeds are being used to finance the (i) renovation of the elevators in the New Jersey Department of Transportation Engineering and Operations Building, the New Jersey Department of Transportation Main Office Building and the New Jersey Department of Transportation Finance and Administration Building, (ii) re-tiling work in the main lobby and one stairway of the New Jersey Department of Transportation Engineering and Operations Building and (iii) upgrading the fire alarm systems in the New Jersey Department of Transportation Engineering and Operations Building, the New Jersey Department of Transportation Main Office Building and the New Jersey Department of Transportation Finance and Administration Building.

On December 7, 2004, the Authority issued \$48.8 million of New Jersey Building Authority Revenue Bonds, 2004 Series B.

The 2004 Series B Bonds were issued to refund certain maturities of the Outstanding 1991Series Bonds, 1999 Series Bonds, 2000 Series A Bonds and 2002 Series A Bonds of the Authority in the aggregate original principal amount of \$34,629,816.60 and to pay costs of issuance of the 2004 Series B Bonds.

#### **2005** Project Financing

The Authority issued no new bonds in 2005.

# **2006** Project Financing

New Jersey Public Health, Environmental and Agriculture Laboratory Project

On August 17, 2006, the Authority issued \$48.7 million of New Jersey Building Authority Revenue Bonds, 2006 Series A. The 2006 Series A was used to finance the initial construction phase of an approximately 200,000 square feet public health, agriculture and environmental laboratory, located in Ewing Township, New Jersey. Construction began in 2008 and completed in 2010.

# **2007** Project Financing

New Jersey Public Health, Environmental and Agriculture Laboratory Project

On November 7, 2007, the Authority issued \$96.67 million of New Jersey Building Authority State Building Revenue Bonds 2007 Series A and \$119.68 million of New Jersey Building Authority State Building Refunding Bonds 2007 Series B.

## 2009 Project Financing

On June 2, 2009, the Authority issued \$90.47 million of New Jersey Building Authority Revenue Refunding Bonds, 2009 series A. The 2009 Series A Bonds were issued to refund a portion of the 1991 Series Bonds, the 1999 Series Bonds, the 2000 Series A Bonds, the 2002 Series A Bonds, the 2004 Series A Bonds, the 2006 Series A Bonds, the 2007 Series A Bonds, and the 2007 Series B Bonds. On December 1, 2009, the Authority issued \$30.9 million of New Jersey Building Authority Revenue Refunding Bonds, 2009 Series B. The 2009 Series B Bonds were issued to refund a portion of the 2002 Series B Bonds. Both refunding issues provided the State short-term debt service savings.

# 2010 Project Financing The Authority issued no new bonds in 2010.

## 2011 Project Financing

In November 2011, the Authority issued \$54.4 million of New Jersey Building Authority Refunding Bonds, 2011 Series A Bonds. The 2011 Series A Bonds were issued to refund a portion of the 2002 Series A Bonds, the 2002 Series B Bonds, the 2004 Series B Bonds, the 2006 Series A Bonds, the 2007 Series A Bonds and the 2009 Series A Bonds. This refunding provided the State with short-term debt service savings.

## 2012 Project Financing

On December 11, 2012, the Authority issued the State Building Revenue Bond Anticipation Notes, Series 2012 with an interest rate of 1.5%, payable at Maturity on December 18, 2013. The funds will be used to begin the State House Exterior Restoration Project and the Mechanical and Electrical Equipment Relocation Project.

## 2013 Project Financing

On November 22, 2013, the Authority issued \$47.62 million of State Building Revenue Bond Anticipation Notes, Series 2013; \$258.58 million of State Revenue Refunding Bonds, Series A and \$21.625 million of State Building Revenue Refunding Bonds, Series B. The 2013 Series Notes were issued to fund completion of the two 2012 projects mentioned above and fund the payment of the maturing Bond Anticipation Notes, Series 2012. The 2013 Series A&B Refunding Bonds were issued to refund the remaining outstanding 2003 Series A Bonds and pay the termination costs attributable to the Swaps associated with the 2003 Bond Issuance. Additionally, 2013 Series A&B Bonds were issued to refund portions of the 2011A, 2009A&B, 2007A&B, 2006A and 2004B State Building Revenue Bonds.

# 2014 & 2015 Project Financing The Authority issued no new bonds in 2014 and 2015.

#### 2016 Project Financing

In March 2016, the Authority issued \$97.585 million of New Jersey Building Authority 2016 Series A Refunding Bonds. The 2016 Series A Bonds were issued to partially refund the remaining portion of the 2006 Series A Bonds, and fully refund the remaining portion of the 2007 Series A Bonds and the 2013 Series Notes. This refunding provided the State with short-term debt service savings.

#### 2017 Project Financing

The Authority issued no new bonds. However, both The Authority's 2012 and 2013 State Building Revenue Bond Anticipation Notes respectively were defeased and replaced by alternative State Bond Funding to address to Executive State House Project.

2018 Project Financing
The Authority issued no new bonds in 2018.

### Financial Statements

See Appendix A for the combined financial statements for the year ended December 31, 2018 along with the report of the independent public accountants.

# Past and Present Members of the Board of Directors

<u>Name</u>	<u>Affiliation</u>	Years Served
Nancy Beer	Program Associate, The Woodrow Wilson School, Princeton University	1981-1985
William I. Blanchard	Assistant Treasurer, Wm. Blanchard Co.	1996-2004
Jerry Della Salla	Business Manager, Bricklayers and Allied Craftworkers	2004
Sean Earlen	Silvi Group Companies	2012-present
Stephen R. Ehrlich	President, Windemere Associates	1996-2005 Chairman 1996-2001
Bernard Ekelchick	School Teacher, Edison, New Jersey	1981-1982
Alfred L. Faiella	Executive Director, Newark Economic Development Corporation	1981-1982
John H. Fisher III	Governmental Affairs Specialist Archer & Greiner	1991-present Chairman 1991-1994 Chairman 2002-Present
Dale Florio	Partner, Princeton Public Affairs Group	1991-1994
Michael Hartsough	Attorney, Hartsough, Kenny & Chase	1986-1994 Chairman 1994
William Hiering, Jr., Esquire	Attorney, Hiering, Hoffman & Gannon Law Firm	1996-2001
Edward L. Hoffman	Publisher, The Trentonian	1981-1988
James Kearney	President, BCC Construction LLSC	2004-2007
Donald J. Kennedy	Business Manager, IBEW, Local 269	1986-1995
Karen Kominsky	Associate, Policy Management & Communications, Inc.	1993-1996 Acting Chairwoman 1995



## Past and Present Members of the Board of Directors

<u>Name</u>	<u>Affiliation</u>	<u>Years Served</u>
Aladar G. Komjathy	Director, The Stewart Agency	1989-1998
Kurt R. Krueger Jr.	Bus. Mgr./Finance Secretary/Treasurer Local Union #322 Plumbers & Pipefitters	2018-present
John R. Lacy, Jr.	Publisher	1986-1988
Joseph Lazur	President, National Siding Co.	1984-1985
William Maer	Partner, Public Strategy Impact	2005-2012
Charles Marciante	Business Manager, IBEW, Local 269	1996-2008
Arthur Maurice	Associate, New Jersey Business and Industry Association	1994-1995
Edward F. Meara, III	Chairman Executive Director, Mercer County Chamber of Commerce	1981-1992 Chairman 1981-1982
Peter J. McDonough, Jr.	Partner, Princeton Public Affairs Group	1989-1990
Dennis McNerney	Bergen County Executive	2004-present
William T. Mullen	President, NJ Building and Construction Trades Council	2008-present
Dean Munley	Howard Savings Bank	1983-1985
Frank Nero		1990 Chairman
Prentis C. Nolan, III	President, PC Nolan & Associates, Inc.	1999-present
John S. Pehlivanian, Esquire	Attorney, Pehlivanian & Braaten, LLC	1996-2007
Maurice T. Perilli	Executive Vice President and Board	1992-1994
Edward Pulver	Chairman, Roma Savings Bank Secretary/Treasurer, New Jersey AFL-CIO	1981-1985

## Past and Present Members of the Board of Directors

<u>Name</u>	<u>Affiliation</u>	Years Served
Ramon Rivera	Executive Director, La Casa de Don Pedro	1981-1983
Richard Rowson	Business Agent, IBEW, Local 351	1997-2002
Morris Rubino	Manger/Financial Secretary and Treasurer Ironworkers Local Union No. 68	2005-2015
W. Harry Sayen	Board Chairman Emeritus, Mercer Rubber Co.	1981-1992
Leonard Sendelsky	Builder	1986-1991
Morton A. Siegler	President, Morton A. Siegler Associates	1983-1987 Chairman 1983-1987
William C. Sproule	NJ Regional Council of Carpenters	2008-present
Charles E. Stapleton	President, Impact Government Relations	1986-1990
John H. Walther	Board Chairman, New Jersey National Bank	1981-1985
Kim Whelan	Managing Director, Public Financial Mgmt.	1998-2005

## Past and Present Ex-Officio Members of the Board Directors

	<u>Name</u>	State Office Held	<u>Years Served</u>
	Bradley I. Abelow	State Treasurer	2006-2007
	Douglas Berman	State Treasurer	1989-1990
	Kenneth R. Biederman	State Treasurer	1981-1982
	Brian W. Clymer	State Treasurer	1993-1997
	Samuel Crane	State Treasurer	1991-1992
	Michellene Davis	Acting State Treasurer	2007
	William R. DeLorenzo, Jr.	Chairman, Commission on Capital Budgeting & Planning	1989-1993
	James A. DiEleuterio, Jr.	State Treasurer	1997-1999
	Michael Ferrara	Acting Comptroller of the Department of the Treasury	1993
	Edward G. Hofgesang	Comptroller of the Department of the Treasury	1981-1982
	Charlene Holzbaur	Director, Division of Budget & Accounting Department of the Treasury	1999-2015
	Michael Horn	State Treasurer	1983-1985
	Eugene Jacobson	Chairman, Commission on Capital Budgeting & Planning	1981-1985
	Richard Keevey	Comptroller, Department of the Treasury	1989-1992
	Peter R. Lawrance	Acting State Treasurer	2001
	Roland M. Machold	State Treasurer	1999-2001
	John McCormac	State Treasurer	2002-2005
	Benedict T. Marino	Chairman, Commission on Capital Budgeting & Planning	1986-1988
	B. Carol Molnar Esq.	Chair, Commission on Capital Budgeting & Planning	1994-present
	Elizabeth Maher Muoio Feather O'Connor	State Treasurer State Treasurer	2018-present 1986-1988
	Elizabeth Pugh	Department of the Treasury	1994-1999
	David Ridolfino	Dir., Division of Budget & Accounting Department of Treasury	2015-present
	R. David Rousseau	State Treasurer	2008-2010
	Andrew P. Sidamon-Eristoff	State Treasurer	2010 -2015
2	Ford M. Scudder Richard Standiford, III	State Treasurer Comptroller, Dept . Of Treasury	2015-2018 1983-1988



## Past and Present Executive Directors 1981-2017

<u>Name</u>	<u>Years Served</u>
David T. Beale	1981—1995
Charles Chianese	1995—2010
Raymond A. Arcario	2011—Present



## State of New Jersey

New Jersey Building Authority PO Box 292 Trenton, NJ 08625-0292

John H. Fisher III Chairman

## **CERTIFICATION**

I, Raymond A. Arcario – Executive Director of the New Jersey Building Authority, certify that during the preceding year the Authority has, to the best of my knowledge, followed all of the Authority's standards, procedures, and internal controls.

Raymond A. Arcario

CHRIS CHRISTIE

Governor

KIM GUADAGNO Lt. Governor

Executive Director - New Jersey Building Authority





(A Component Unit of the State of New Jersey)

# FINANCIAL STATEMENTS AND SUPPLEMENTAL INFORMATION

December 31, 2018

## TABLE OF CONTENTS

December 31, 2018

Page Number	<u>r</u>
Independent Auditors' Report	1
Management's Discussion and Analysis (Unaudited)	3
Basic Financial Statements	
Statement of Net Position and Governmental Funds Balance Sheet	7
Statement of Activities and Governmental Funds Revenues, Expenditures and Changes in Fund Balance/Net Position	9
Notes to Financial Statements	11
Required Supplementary Information	
Schedule of Proportionate Share of PERS Net Pension Liability Determined as of June 30, 2018, PERS Measurement Date and Schedule of Contributions (Unaudited)	29
Schedule of Proportionate Share of the Total OPEB Liability State Health Benefit State Retired Employees Plan Determined as of June 30, 2018, OPEB Measurement Date (Unaudited)	30
Independent Auditors' 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	31
Schedule of Current Year Findings and Recommendations	33
Summary Schedule of Prior Year Audit Findings	34





#### INDEPENDENT AUDITORS' REPORT

To the Board of Directors of New Jersey Building Authority

#### **Report on the Financial Statements**

We have audited the accompanying financial statements of the governmental activities and each major fund of the New Jersey Building Authority (the "Authority"), a component unit of the State of New Jersey, as of and for the years ended December 31, 2018 and 2017, and the related notes to the financial statements, which comprise the Authority's basic financial statements as listed in the table of contents.

#### 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.

#### **Auditors' Responsibility**

Our responsibility is to express opinions on these financial statements based on our audits. We conducted our audits 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 audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' 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 Authority'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 opinions.

#### INDEPENDENT AUDITORS' REPORT (CONTINUED)

### **Opinions**

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities and each major fund of the Authority, as of December 31, 2018 and 2017, and the respective changes in financial position for the years then ended in accordance with accounting principles generally accepted in the United States of America.

#### **Emphasis of Matter**

As discussed in Note I to the financial statements, during the year ended December 31, 2018, the Authority adopted new accounting guidance, Governmental Accounting Standards Board Statement No. 75, Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions. 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 and the schedule of proportionate share of net pension liability and contributions as listed in the table of contents 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 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 or provide any assurance.

#### Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated December 30, 2019, 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 other matters. The purpose of that report is solely 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 effectiveness of internal control over financial reporting or on compliance. That report is an integral part of our audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control over financial reporting and compliance.

Mercadien, P.C. Certified Public Accountants

December 30, 2019

(A Component Unit of the State of New Jersey)

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

This section of the New Jersey Building Authority's (the "Authority") annual financial report represents our discussion of the Authority's financial performance and provides an overview of the Authority's activities for the years ended December 31, 2018 and 2017. This discussion and analysis is designed

to assist the reader in focusing on the significant financial issues and activities and to identify any significant changes in financial position. Please read it in conjunction with the Authority's basic financial statements.

financial statements.

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

The annual report consists of three parts – management's discussion and analysis (this section), the basic financial statements and required supplementary information. The basic financial statements include the Statements of Net Position and Governmental Funds Balance Sheet and the Statements of Activities and Governmental Funds Revenues, Expenditures and Changes in Fund Balance/Net Position. The required supplementary information includes schedule of proportionate share of net pension liability and contributions.

With regard to the State of New Jersey, the Authority is a component unit which provides services entirely to the state. Per Governmental Accounting Standards Board ("GASB") Statement No. 14 requirements, the Authority is thus considered a blended component unit for inclusion in the New Jersey Comprehensive Annual Financial Report. Blending requires the component unit's balances and transactions to be recorded in a manner similar to the balances and transactions of the state, i.e., a governmental fund type.

Governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Revenues are recorded when measurable and available. Expenditures, and the related liabilities, are accrued when they are normally expected to be paid out of revenues recognized during the current period. The exception to this rule is that principal and interest on long-term debt is recognized when due.

(A Component Unit of the State of New Jersey)

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

#### **Basic Financial Statements**

The basic financial statements are designed to provide readers with a broad overview of the Authority's finances. The Statements of Net Position and Governmental Funds Balance Sheet presents information on all of the Authority's assets and liabilities, with the difference between the two reported as Fund Balance/Net Position. Fund Balance/Net Position increases when revenues exceed expenditures.

The Statements of Activities and Governmental Funds Revenues, Expenditures and Changes in Fund Balance/Net Position presents information showing how the Authority's Fund Balance/Net Position changed during the year. All changes in Net Position are reported as the underlying events occur, regardless of the timing of the related cash flows. Therefore, revenues and expenditures are reported in this statement for some items, such as accrued bond interest, that will result in cash flows in future calendar years.

#### Notes to the Basic Financial Statements.

The notes provide additional information that is essential to a full understanding of the data provided in the basic financial statements.

### **Financial Analysis**

#### **Net Position (in thousands) - Statements of Net Position**

		December 31	1		Change
2018		2017		2016	2018-2017
\$ 59,3	21 \$	\$ 89,077	\$	119,170	(33.40)%
146,5	<u> </u>	197,588		307,907	(25.82)%
205,8	<u> </u>	286,665		427,077	(28.18)%
49,5	58	79,579		72,768	(37.72)%
150,5	<u>31                                    </u>	201,602		340,889	(25.33)%
		281,181 \$ 5,484	\$	413,657 13,420	(28.84)% 5.74 %
	59,32 146,56 205,88 49,55 150,53 200,08	2018	2018     2017       59,321     \$ 89,077       146,566     197,588       205,887     286,665       49,558     79,579       150,531     201,602       200,089     281,181	2018     2017       59,321     \$ 89,077       146,566     197,588       205,887     286,665       49,558     79,579       150,531     201,602       200,089     281,181	2018         2017         2016           59,321         \$ 89,077         \$ 119,170           146,566         197,588         307,907           205,887         286,665         427,077           49,558         79,579         72,768           150,531         201,602         340,889           200,089         281,181         413,657

(A Component Unit of the State of New Jersey)

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

#### **Changes in Net Position (in thousands) - Statements of Activities**

	Year E	Percentage Change			
	2018	 2017	<del>501</del>	2016	2018-2017
Revenues					
Investment income	\$ 149	\$ 151	\$	182	(1.32)%
State rental payments	10,513	13,529		18,126	(22.29)%
State appropriation for administrative costs	929	602		556	54.32 %
Miscellaneous Income	1				100.00 %
Total revenues	11,592	14,282		18,864	(18.83)%
Expenditures					
Debt Service:					
Interest	10,268	9,985		19,633	2.83 %
Construction expense	-	-		6,596	100.00 %
Other administrative expenses	1,010	653		652	54.67 %
Total expenditures	11,277	10,638		26,881	6.01 %
Other financing uses		10,480			<u>100.00</u> %
Changes in net position	316	(6,836)		(8,017)	(104.62)%
Net position, beginning of year	5,484	13,420		20,642	(59.14)%
Net position, beginning of year, restated	 	12,320		21,437	(100.00)%
Net position, end of year	\$ 5,799	\$ 5,484	\$	13,420	5.74 %

#### **Cash Receipts**

State debt service receipts of \$89.3 million, of which \$10.6 million was associated with 2018 interest payments and \$78.8 million with principal payments was received in 2018. State debt service receipts of \$77.5 million, of which \$13.5 million was associated with 2017 interest payments and \$64 million with principal payments was received in 2017.

The Authority received a state appropriation of \$0.929 and \$0.602 million to cover its 2018 and 2017, Administrative Budget, respectively, the majority of which was used for salary and payroll related expenses of its four full-time and one part-time employees. The NJBA also provides management for projects funded by other Authorities or Agencies and procured through the New Jersey Division of Property Management and Construction. Particularly, large scale projects that benefit from the expertise resident in the NJBA.

#### **Construction Contract Payments**

Construction expenditures in 2018 and 2017 totaled \$0 and \$1.7 million, respectively, and are detailed in Table 1.

Table 1

	20	18		2017
Construction Contract Payments	(in thou	<u>ısands)</u>	(in th	<u>iousands)</u>
State House Exterior	\$	-	\$	1,611
Health Lab		-		(29)
State House Garage		-		2
M&E Equipment Relocation		-		109
State House Air Handler				21
Total	\$		\$	1,713

(A Component Unit of the State of New Jersey)

MANAGEMENT'S DISCUSSION AND ANALYSIS (UNAUDITED)

#### **Debt Service**

During 2018, the Authority made principal payments of \$78.8 million. Table 2 summarized these changes in debt service between the calendar years 2018 and 2017.

#### Table 2 (in thousands)

				Percentage
				Change
	 2018	2017	 2016	2018-2017
Bonds payable	\$ 173,045	\$ 251,865	\$ 375,760	(31.29)%

The Authority Bond Ratings as of December 31, 2018 and 2017, were as follows:

	<u> </u>	2017
Fitch Ratings	A-	A-
Moody's Investor Service, Inc.	A3	A3
Standard & Poor's Rating Services	BBB+	BBB+

To provide the reader with a better understanding of the above ratings, included below is a schedule explaining the various ratings utilized by three rating companies.

Investment Grade	<u>Fitch</u>	Moody's	Standard & Poor's
Highest Quality	AAA+	Aaa1	AAA+
Highest Quality	AAA	Aaa2	AAA
Highest Quality	AAA-	Aaa3	AAA-
High Quality	AA+	Aa1	AA+
High Quality	AA	Aa2	AA
High Quality	AA-	Aa3	AA-
Upper Medium	A+	A1	A+
Upper Medium	Α	A2	Α
Upper Medium	A-	A3	A-

Moody's uses a modifier of 1, 2 or 3 to show relative standing in a category (1 higher than 2, 2 higher than 3). Standard & Poor's and Fitch use a modifier of plus or minus.

#### **Contacting Financial Management**

This financial report is designed to provide citizens, vendors and creditors with a general overview of the Authority's finances. If you have any questions about this report or need additional financial information, contact the Authority's Fiscal Office at P.O. Box 219, Trenton, New Jersey 08625-0219.



(A Component Unit of the State of New Jersey)

# STATEMENT OF NET POSITION AND GOVERNMENTAL FUNDS BALANCE SHEET December 31, 2018

	Governmental	Adjustments	Statement of
	Funds	(Note F)	Net Position
ASSETS			
Cash and equivalents- restricted	\$ 10,510,829	\$ -	\$ 10,510,829
Current minimum lease payments receivable	-	48,810,000	48,810,000
Long-term minimum lease payments receivable		124,235,000	124,235,000
Total assets	\$ 10,510,829	\$ 173,045,000	\$ 183,555,829
DEFERRED OUTFLOWS OF RESOURCES			
Pension	\$ -	\$ 644,555	\$ 644,555
OPEB	-	303,627	303,627
Loss on advanced refunding of bonds		21,382,835	21,382,835
Total deferred outflows of resources	\$ -	\$ 22,331,017	\$ 22,331,017
LIABILITIES			
Accounts payable			
Other	\$ 215,502	\$ (82,202)	\$ 133,300
Deferred appropriation for administrative costs	258,165	-	258,165
Net pension liability	-	1,117,955	1,117,955
OPEB liability	-	1,093,972	1,093,972
Accrued bond interest payable	-	356,175	356,175
Current bonds payable	-	48,810,000	48,810,000
Long-term bonds payable	-	124,235,000	124,235,000
Unamortized bond premiums, net of discounts		23,219,839	23,219,839
Total liabilities	\$ 473,667	\$ 198.750.739	\$ 199,224,406
Total habilities	<del>-</del>	<u> </u>	<del>* · · · · · · · · · · · · · · · · · · ·</del>
DEFERRED INFLOWS OF RESOURCES			
Pension	\$ -	\$ 499,955	\$ 499,955
OPEB		363,835	363,835
Total deferred inflows of resources	\$ -	\$ 863,790	\$ 863,790
FUND BALANCE/NET POSITION			
Restricted	\$ 10,037,162	\$ (1,119,598)	\$ 8,917,564
Deficit		(3,118,914)	(3,118,914)
Total fund balance/net position	\$ 10,037,162	\$ (4,238,512)	
·			

(A Component Unit of the State of New Jersey)

# STATEMENT OF NET POSITION AND GOVERNMENTAL FUNDS BALANCE SHEET December 31, 2017

	G	overnmental	A	Adjustments	S	Statement of
		Funds		(Note F)	_1	Net Position
ASSETS						
Cash and equivalents- restricted	\$	10,256,851	\$	-	\$	10,256,851
Current minimum lease payments receivable		-		78,820,000		78,820,000
Long-term minimum lease payments receivable			_	173,045,000	_	173,045,000
Total assets	\$	10,256,851	\$	251,865,000	\$2	262,121,851
DEFERRED OUTFLOWS OF RESOURCES						
Pension	\$	-	\$	308,557	\$	308,557
OPEB		-		173,633		173,633
Loss on advanced refunding of bonds				24,060,321		24,060,321
Total deferred outflows of resources	\$		\$	24,542,511	\$	24,542,511
LIABILITIES						
Accounts payable						
Other	\$	147,234	\$	(34,658)	\$	112,576
Contractor retainage payable		125,156		-		125,156
Net pension liability		-		868,976		868,976
Total OPEB liability		-		1,147,519		1,147,519
Accrued bond interest payable		-		520,940		520,940
Current bonds payable		-		78,820,000		78,820,000
Long-term bonds payable		-		173,045,000	•	173,045,000
Unamortized bond premiums, net of discounts				26,041,656	_	26,041,656
Total liabilities	\$	272,390	\$	280,409,433	\$2	280,681,823
DEFERRED INFLOWS OF RESOURCES						
Pension	\$	-	\$	372,989	\$	372,989
OPEB	_			125,688	_	125,688
Total deferred inflows of resources	\$		\$	498,677	\$	498,677
FUND BALANCE/NET POSITION						
Restricted	\$	9,984,461	\$	(1,066,177)	\$	8,918,284
Deficit				(3,434,422)		(3,434,422)
Total fund balance/net position	\$	9,984,461	\$	(4,500,599)	\$	5,483,862

(A Component Unit of the State of New Jersey)

## STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUNDS REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE/NET POSITION Year Ended December 31, 2018

REVENUES	G	overnmental Funds		Adjustments (Note F)	s _	tatement of Activities
Investment income	\$	140 664	φ		\$	149.664
	Ф	148,664	\$	-	Ф	148,664
State rental payments		10,513,473		-		10,513,473
State principal payments		78,820,000		(78,820,000)		-
State appropriation for administrative costs		929,335		-		929,335
Miscellaneous Income		656				656
Total revenues		90,412,128		(78,820,000)		11,592,128
EXPENDITURES						
Debt service						
Principal		78,820,000		(78,820,000)		-
Interest		10,610,092		(342,454)		10,267,638
Other administrative expenses		929,335		80,367		1,009,702
Total expenditures		90,359,427		(79,082,087)		11,277,340
Excess of revenues over expenditures		52,701		262,087		314,788
'						
Fund balance/net position						
Beginning of year		9,984,461	_	(4,500,599)		5,483,862
End of year	\$	10,037,162	\$	(4,238,512)	\$	5,798,650

(A Component Unit of the State of New Jersey)

## STATEMENT OF ACTIVITIES AND GOVERNMENTAL FUNDS REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE/NET POSITION Year Ended December 31, 2017

REVENUES	G	overnmental Funds		Adjustments (Note F)	_	Statement of Activities
Investment income	\$	151,412	\$	_	\$	151,412
State rental payments	Ψ	13,529,224	Ψ	_	Ψ	13,529,224
State principal payments		64,020,000		(64,020,000)		10,020,224
State appropriation for administrative costs		602,168		(0+,020,000)		602,168
Total revenues		78,302,804	_	(64,020,000)		14,282,804
Total revenues		70,002,004		(04,020,000)		14,202,004
EXPENDITURES						
Capital outlay		1,713,233		(1,713,233)		-
Debt service						
Principal		64,020,000		(64,020,000)		_
Interest		13,529,224		(3,544,370)		9,984,854
Other administrative expenses		666,006		(13,002)		653,004
Total expenditures		79,928,463		(69,290,605)		10,637,858
(Deficiency)/excess of revenues over expenditures		(1,625,659)		5,270,605		3,644,946
OTHER FINANCING SOURCES (USES)						
Transfer from State		23,198,266		(23,198,266)		-
Minimum Lease Receivable Write-off		-		(10,481,670)		(10,481,670)
Payment to bond refunding escrow agent		(59,875,000)		59,875,000		
Total other financing sources (uses)		(36,676,734)		26,195,064		(10,481,670)
Changes in fund balance/net position		(38,302,393)		31,465,669		(6,836,724)
Fund balance/net position						
Beginning of year		48,286,854		(34,866,694)		13,420,160
Beginning of year, as previously reported		9,984,461		(3,401,025)		6,583,436
Change in accounting principle End of year, as restated	\$	9,984,461	\$	(1,099,574) (4,500,599)	\$	(1,099,574) 5,483,862

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

#### A. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

#### **Nature of Authority**

The New Jersey Building Authority (the "Authority"), a component unit of the State of New Jersey (the "State"), a body corporate and politic and an instrumentality of the State, was created in 1981 by the state legislature for the purpose of providing the capital resources (through the sale of bonds, notes and other obligations) necessary to acquire, construct, reconstruct, rehabilitate or improve office buildings or related facilities necessary or convenient to the operation of any State agency.

In Chapter 174 of the Pamphlet Laws of 1992, the state legislature amended the Authority's statute to expand the types of projects the Authority can undertake. The Authority can also now construct or rehabilitate correctional facilities and renovate and preserve historic public buildings. The amendment also removed the \$250 million bond principal limitation.

#### **Reporting Entity**

The decision to include a potential component unit in the Authority's reporting entity is based on several criteria, including legal standing, fiscal dependency and financial accountability. Based on the application of these criteria, the Authority has no component units.

Under a master lease with amendments for individual properties, the Authority has leased to the State the buildings constructed or renovated with funds provided from various bond offerings made by the Authority. The State is required to pay rent to the Authority in amounts sufficient to pay (1) debt service on the bonds outstanding (to the extent such debt service is not funded from other monies available in the debt service account of the debt service fund, as provided for in the master lease agreement), and (2) administrative expenses of the Authority. The lease transactions with the State are accounted for as direct financing leases.

The State is responsible for awarding and monitoring all contracts for the design, acquisition and construction of projects, as well as supervising construction work and accepting the completed projects. Project costs incurred by the State are paid by the Authority's bond trustee out of the construction fund after approval by an authorized Authority representative. Pursuant to the terms of the master lease, the Authority is not liable or responsible for the adequacy, sufficiency and suitability of the plans and specifications of any contracts or agreements with respect to the acquisition or construction of these projects. During the master lease term, the State is responsible for all costs relating to the operation, maintenance and repair of the projects. In addition, the State pays for all utilities, taxes and governmental charges during the lease term.

At any time prior to the expiration of the master lease term, the State has the option to purchase the projects for a price of \$1 plus an amount sufficient to provide the full payment of the bonds and accrued interest in conformity with the bond resolution. If such option has not been exercised prior to the end of the lease term, the title to the projects will be transferred by the Authority to the State at that time.

The obligation of the State to make rental payments is subject to and depends upon yearly appropriations being made by the State legislature for such purposes. In the event the State fails to make the necessary lease payments, the Authority may take possession of the projects and either lease or sell them to another party. In either case, the State is obligated to reimburse the Authority for any deficiency between the lease payments called for by the master lease and amounts paid by other parties.

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

### A. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### **Basis of Accounting**

The Authority is a component unit of the State of New Jersey and is included in the general purpose financial statements of the State.

The accompanying basic financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America as prescribed by the Governmental Accounting Standards Board ("GASB").

In its accounting and financial reporting, the Authority follows the pronouncements of the Governmental Accounting Standards Board ("GASB") and other entities that promulgate accounting principles. GASB Statement No. 76, The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments, establishes the order of priority of pronouncements and other sources of accounting and financial reporting guidance that a governmental entity should apply. Per the Statement, the sources of authoritative generally accepted accounting principles ("GAAP") are categorized in descending order of authority as follows: GASB Statements and Interpretations, GASB Technical Bulletins, GASB Implementation Guides, and literature of the American Institute of Certified Public Accountants ("AICPA") cleared by the GASB. Authoritative GAAP is incorporated periodically into the Codification of Governmental Accounting and Financial Reporting Standards (Codification), and when presented in the Codification, it retains its authoritative status. If the accounting treatment for a transaction or other event is not specified within a source of authoritative GAAP described above, a governmental entity should first consider accounting principles for similar transactions or other events within a source of authoritative GAAP described above and then may consider nonauthoritative accounting literature from other sources. These include GASB Concepts Statements; pronouncements and other literature of the Financial Accounting Standards Board ("FASB"), Federal Accounting Standards Advisory Board, International Public Sector Accounting Standards Board, and International Accounting Standards Board, and AICPA literature not cleared by the GASB; practices that are widely recognized and prevalent in state and local government: literature of other professional associations or regulatory agencies; and accounting textbooks, handbooks and articles.

The basic financial statements consist of government-wide and governmental fund financial statements.

The Authority, as a single-program government, combines government-wide and governmental fund financial statements, which are linked together by a reconciliation.

The government-wide financial statements are prepared using the economic resources measurement focus and the accrual basis of accounting. Revenues are recognized when earned, and expenditures are recognized when incurred. The primary sources of revenues are rental payments received from the State of New Jersey, in accordance with the Authority's master lease agreement with the State.

The governmental fund financial statements are prepared using the current financial resources measurement focus and the modified accrual basis of accounting. Revenues are recorded when measurable and available. Expenditures, and the related liabilities, are accrued when they are normally expected to be paid out of revenues recognized during the current period. The exception to this rule is that principal and interest on long-term debt are recognized when payment is due.

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

## A. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### **Use of Estimates**

The preparation of basic financial statements in conformity with accounting principles generally accepted in the United States of America for governmental units requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

#### **Funds Required by Bond Resolutions**

In accordance with certain bond resolutions, the Authority has established the following restricted funds (accounts) to be held by US Bank, as trustee, to account for all revenue received by the Authority:

Fund Accounts	Amount	Use for Which Restricted
Construction	Any amount determined by the Authority after meeting requirements under the bond resolution for all of the other funds.	Payment of construction costs of any authorized projects.
Debt Service	Amounts needed to pay principal and interest on or before each interest payment date and principal installment date on the bonds.	Payment of principal and interest on the bonds.
Rebate	Estimated amount needed to pay arbitrage earnings.	Payment of arbitrage earnings to the federal government.

For financial reporting purposes, the assets, liabilities and fund balance/net position and related revenues, expenditures and other financing sources and uses of these funds have been combined.

Cash and cash equivalents include amounts on deposit and are restricted to construction project purposes. The following sets forth the cash and cash equivalent balances in the above funds:

		December 31,			
		2018		2017	
Construction fund	\$	9,881,395	\$	9,909,928	
Debt service		96,181		88,340	
Rebate and other		533,253		258,583	
	<u>\$</u>	10,510,829	\$	10,256,851	

Docombor 21

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

### A. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### **Minimum Lease Payments Receivable**

Minimum lease payments receivable are due from the State as the lessee and are equal to the annual debt service of the outstanding bonds. The leases are accounted for as direct financing leases.

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

The Statements of Net Position and Governmental Funds Balance Sheet reports separate sections for deferred outflows of resources and deferred inflows of resources. Deferred outflows of resources represents a reduction of net position that applies to a future period(s) and will be recognized as an outflow of resources (expense) at that time. Deferred inflows of resources represents an acquisition of net position that applies to a future period(s) and will be recognized as an inflow of resources (revenue) at that time.

The Authority is required to report the following as deferred outflows of resources and deferred inflows of resources:

**Pension and OPEB Plan** - The difference between expected (actuarial) and actual experience, changes in actuarial assumptions, net difference between projected (actuarial) and actual earnings on pension plan investments, changes in the Authority's proportion of expenses and liabilities to the pension as a whole, differences between the Authority's pension contribution and its proportionate share of contributions, and the Authority's pension contributions subsequent to the pension valuation measurement date.

**Net Loss on Advance Refunding of Bonds** - The Authority has performed advance refundings, material differences between the reacquisition price and net carrying amounts of the old debt are deferred and amortized over the life of the new debt. whichever is shorter.

#### **Bond Premiums/Discounts**

Bond premiums, net of discounts, are recorded as a liability in the statement of net position and are amortized over the life of the debt. In the governmental fund financial statements bond premiums are recognized as revenue received.

#### **Fund Balance/Net Position**

Fund balance/net position is classified as restricted and can only be utilized upon approval by the State Treasurer.

Unrestricted (deficit) net position consists of the cumulative net effect of the Authority's state principal payment revenue against debt service and other administrative expenses.

#### **Income Taxes**

As an instrumentality of the State, under existing statute, the Authority is exempt from both federal and state income taxes.

#### **Administrative Expense**

The Authority receives an appropriation from the State for salaries, fringe benefits, related costs for overhead, and other expenses that support the operations of the Authority.

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

## A. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

#### **Concentration of Risk**

The Authority maintains cash and equivalent balances which may exceed federally insured limits. They historically have not experienced any credit-related losses.

#### **B. CASH AND EQUIVALENTS**

GASB Statement No. 40, *Deposit and Investment Risk Disclosures*, requires uncollateralized deposits exposed to custodial risk to be disclosed. The custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover deposits that are in the possession of an outside party. The following is a summary of the Authority's cash deposits and the amount exposed to custodial credit risk at December 31, 2018 and 2017. The New Jersey Cash Management Fund (the "Fund") is a pooled investment fund and is guaranteed by the State of New Jersey. Thus, deposits in the Fund are not subject to credit risk or custodial credit risk. U.S. Treasury notes are explicitly guaranteed by the U.S. government and are not subject to credit risk or custodial credit risk. As of December 31, 2018 and 2017, the Authority's cash balances were as follows:

	Decembe	er 31, 2018	Decembe	r 31, 2017
	Financial Statement Balance	Bank Balance	Financial Statement Balance	Bank Balance
Amount insured by the FDIC or collateralized with securities held in its name by the Authority.  Amount collateralized with securities held by the pledging financial institution's trust department in the Authority's	\$ 528,998	\$ 528,998	\$ 254,405	\$ 254,405
name.	5,286,742	5,286,742	5,392,068	5,392,068
Total	\$ 5,815,740	\$ 5,815,740	\$ 5,646,473	\$ 5,646,473

Cash equivalents are stated at fair market value. Original cost basis and fair market value at December 31, 2018 and 2017, are summarized as follows:

	December 31, 2018		Decembe	r 31, 2017
		Fair		Fair
	Original Cost	Market Value	Original Cost	Market Value
New Jersey Cash Management Fund (Level 2 Investments)	\$ 4,695,089	\$ 4,695,089	\$ 4,610,378	\$ 4,610,378

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

#### C. MINIMUM LEASE PAYMENTS RECEIVABLE

Future minimum lease payments receivable from the State as of December 31, 2018, are as follows:

Years Ending December 31,	
2019	\$ 55,868,975
2020	23,377,125
2021	19,194,450
2022	24,874,300
2023	13,277,075
2024-2028	53,622,350
2029-2030	 16,958,050
	207,172,325
Less amounts representing interest	 (34,127,325)
	\$ 173,045,000

The State is obligated to make payments to the Authority against the minimum lease payments receivable for the completed portions of projects funded by bonds issued by the Authority, plus any administrative expenses of the Authority as defined in the master lease agreement with the State of New Jersey which include any fees and costs associated with swap agreements.

#### D. BONDS PAYABLE

Bond activity for the years ended December 31, 2018 and 2017, was as follows:

Balance, December 31, 2017	\$ 251,865,000
Reductions	(78,820,000)
Balance, December 31, 2018	\$ 173,045,000
Balance, December 31, 2016	\$ 375,760,000
Reductions	<u>(123,895,000)</u>
Balance, December 31, 2017	\$ 251,865,000

#### **Defeased Bonds**

The Authority has refunded various general obligation bond issuances by creating separate irrevocable trust funds. Refunding bonds have been issued, the proceeds from which are used to purchase U.S. Treasury Obligations - State and Local Government Series. The securities are deposited into an irrevocable trust fund and then held by the trustee. The investments themselves and the fixed earnings from the investments are sufficient to fully service the defeased debt until the debt is called or matures. For financial reporting purposes, the refunded debt has been considered defeased and has therefore been removed as a liability from the Authority's long-term debt. As of December 31, 2018, the amount of defeased general obligation debt outstanding but removed from the Authority's long-term debt amounted to \$239,655,000.

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

### D. BONDS PAYABLE (CONTINUED)

#### Defeased Bonds (Continued)

The following table reflects the Authority's annual principal obligation for defeased general obligation debt outstanding:

Years Ending December 31,		
2019	\$	74,120,000
2020		24,580,000
2021		21,455,000
2022		22,795,000
2023		19,960,000
2024-2028		65,955,000
2029-2030	_	10,790,000
Total	\$	239,655,000

#### E. FUTURE DEBT SERVICE PAYMENTS

The following table reflects the debt service by year for the various Series Bonds issued by the Authority:

Years Ending December 31,	 Principal	 Interest	 Total
2019	\$ 48,810,000	\$ 7,058,975	\$ 55,868,975
2020	17,990,000	5,387,125	23,377,125
2021	14,555,000	4,639,450	19,194,450
2022	20,925,000	3,949,300	24,874,300
2023	10,195,000	3,082,075	13,277,075
2024-2028	44,310,000	9,312,350	53,622,350
2029-2030	 16,260,000	 698,050	 16,958,050
	\$ 173,045,000	\$ 34,127,325	\$ 207,172,325

## F. ADJUSTMENTS - RECONCILIATION OF DIFFERENCES BETWEEN GOVERNMENTAL FUNDS AND GOVERNMENT-WIDE FINANCIAL STATEMENTS

(1) A loss on an advance refunding of bonds is recorded as a deferred outflow of resources and is amortized over the shorter of the remaining amortization period that was used or the life of the newly issued debt. A gain on an advance refunding of bonds is recorded as a deferred inflow of resources and is amortized over the shorter of the remaining amortization period that was used or the life of the newly issued debt.

Loss on advance refunding net of amortization:

Č	 December 31,		
	2018		2017
2002 refunding	\$ 108,244	\$	135,585
2007 refunding	399,155		572,596
2009 refunding	1,227,675		1,362,435
2013 refunding	19,398,079		21,718,241
2016 refunding	 249,682		271,464
	\$ 21,382,835	\$	24,060,321

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

## F. ADJUSTMENTS - RECONCILIATION OF DIFFERENCES BETWEEN GOVERNMENTAL FUNDS AND GOVERNMENT-WIDE FINANCIAL STATEMENTS (CONTINUED)

(2) When capital assets (land, buildings, equipment) that are to be used in governmental activities are purchased or constructed, the cost of those assets are reported as an expenditure in governmental funds. However, the statement of net position includes those capital assets among the assets of the Authority as a whole.

	December 31,		
	20	18	2017
Cost of property and equipment	\$	74,350 \$	74,350
Accumulated depreciation	(7	74,350 <u>)</u>	(74,350)
Property and equipment, net	\$	- \$	<u> </u>
Capital outlay	\$	<u>-</u> \$	1,713,233

(3) Minimum lease payments receivable are not part of the Authority's governmental fund activities because no portion of this balance is available to finance liabilities at year end.

	December 31,			
	2018	2017		
Minimum lease payment receivable	<u>\$173,045,000</u>	<u>\$251,865,000</u>		

(4) Unmatured principal and accrued interest applicable to the Authority's governmental activities are not shown as liabilities or expenses until they are due and payable. Unamortized bond premiums, net of discounts, are recorded as liabilities in the statement of net position and are amortized over the life of the debt. Amortization revenue is recorded in the statement of activities. In governmental fund financial statements, net bond premiums are recognized as revenue when received. All liabilities - both current and long-term - are reported in the statement of net position.

	December 31,			
	2018 2017			
Accrued bond interest payable	<u>\$ 356,175</u> <u>\$ 520,940</u>			
Related adjustment to interest expense, net of				
amortization	<u>\$ (342,454)</u> <u>\$ (3,544,370</u>			
Bonds payable	<u>\$173,045,000</u> <u>\$251,865,000</u>			
Unamortized bond premiums, net of discounts	<u>\$ 23,219,839</u> <u>\$ 26,041,656</u>			

Amortization expense included in interest expense in the governmental funds differs from amortization expense in the statement of activities (\$2,677,487 in 2018 and \$5,339,367 in 2017, respectively). The difference is a result of the long-term economic focus of the statement of activities versus the current financial resources focus of the governmental funds.

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

# F. ADJUSTMENTS - RECONCILIATION OF DIFFERENCES BETWEEN GOVERNMENTAL FUNDS AND GOVERNMENT-WIDE FINANCIAL STATEMENTS (CONTINUED)

(5) Bond proceeds are reported as financing sources in governmental funds and thus contribute to the change in fund balance. In the government-wide statements, however, issuing debt increases long-term liabilities in the statement of net position and does not affect the statement of activities.

Repayment of bond principal is reported as an expenditure in governmental funds and thus has the effect of reducing fund balance because current financial resources have been used. For the Authority as a whole, however, the principal payments reduce the liabilities in the statement of net position and do not result in an expense in the statement of activities. The Authority's bond debt was reduced by principal payments made to bondholders.

 Year Ended December 31,

 2018
 2017

 Principal payments made
 \$ 78,820,000
 \$ 64,020,000

- (6) The amounts received from the State for debt service principal payments of \$78,820,000 and \$64,020,000 during 2018 and 2017, respectively, constitute governmental fund revenues and thus are not included in the Authority's statements of activities.
- (7) The Authority had an arbitrage rebate calculation performed at December 31, 2018, that resulted in no liability due to the Internal Revenue Service.

#### **G. PENSION PLAN**

The Authority's permanent full-time employees participate in the following defined benefit pension plans: the Public Employees' Retirement System ("PERS"), which is administered by the State of New Jersey, Division of Pensions and Benefits (the "Division"). The plan has a board of trustees that is primarily responsible for its administration. The Division issues a publicly available financial report that includes financial statements and required supplementary information. That report may be obtained by writing to:

State of New Jersey
Division of Pensions and Benefits
P.O. Box 295
Trenton, New Jersey 08625-0295

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

### **G. PENSION PLAN (CONTINUED)**

#### **Plan Description**

PERS is a cost-sharing multiple-employer defined benefit pension plan which was established as of January 1, 1955, under the provisions established by N.J.S.A. 43:15A to provide coverage to all full-time employees of the State of New Jersey or any municipality, county, school district, or public agency within the State, provided the employee is not a member of another State administered retirement system. Membership is mandatory. For additional information about PERS, please refer to Division's Comprehensive Annual Financial Report (CAFR) which can be found at www.state.nj.us/treasury/pensions/annrprts.shtml

#### **Benefits Provided**

The vesting and benefit provisions are set by N.J.S.A. 43:15A. PERS provides retirement, death and disability benefits. All benefits are vested after ten years of service, except for medical benefits, which are vested after 25 years of service or under the disability provisions of PERS.

<u>Tier</u> <u>Definition</u>

- 1 Members who were enrolled prior to July 1, 2007
- 2 Members who were eligible to enroll on or after July 1, 2007, and prior to November 2, 2008
- 3 Members who were eligible to enroll on or after November 2, 2008, and prior to May 22, 2010
- 4 Members who were eligible to enroll on or after May 22, 2010, and prior to June 28, 2011
- 5 Members who were eligible to enroll on or after June 28, 2011

Service retirement benefits of 1/55<sup>th</sup> of final average salary for each year of service credit is available to Tiers 1 and 2 members upon reaching age 60, and to Tier 3 members upon reaching age 62. Service retirement benefits of 1/60<sup>th</sup> of final average salary for each year of service credit is available to Tier 4 members upon reaching age 62, and Tier 5 members upon reaching age 65. Early retirement benefits are available to Tiers 1 and 2 members before reaching age 60, Tiers 3 and 4 before age 62 with 25 or more years of service credit, and Tier 5 with 30 or more years of service credit before age 65. Benefits are reduced by a fraction of a percent for each month that a member retires prior to the age at which a member can receive full early retirement benefits in accordance with their respective tier. Tier 1 members can receive an unreduced benefit from age 55 to age 60 if they have at least 25 years of service. Deferred retirement is available to members who have at least 10 years of service credit and have not reached the service retirement age for the respective tier.

#### Contributions

The contribution policy for PERS is set by N.J.S.A. 43:15A and requires contributions by active members and contributing employers. The local employers' contribution amounts are based on an actuarially determined rate, which includes the normal cost and unfunded accrued liability. Chapter 19, P.L. 2009 provided an option for local employers of PERS to contribute 50% of the normal and accrued liability contribution amounts certified for payments due in state fiscal year 2009. Such employers will be credited with the full payment and any such amounts will not be included in their unfunded liability. The actuaries will determine the unfunded liability of those retirement systems, by employer, for the reduced normal and accrued liability contributions provided under this law. This unfunded liability will be paid by the employer in level annual payments over a period of 15 years beginning with the payments due in the fiscal year ended June 30, 2012, and will be adjusted by the rate of return on the actuarial value of assets.

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

### **G. PENSION PLAN (CONTINUED)**

#### **Contributions (Continued)**

Authority employees are required to contribute a percentage of their salary toward their pension benefits. P.L. 2011, c78, effective June 28, 2011, increased the active member contribution rate from 5.5% of annual compensation to 6.5% plus an additional 1% phased-in over 7 years. The payment of automatic cost-of-living adjustment ("COLA") additional increases to current and future retirees and beneficiaries was suspended. COLA increases may be reactivated at a future date as permitted by this law. The percentage of employee's contribution rate as a percentage of covered payroll for 2018 and 2017 was 7.44% and 7.27%, respectively. The payroll subject to pension for the Authority's employees was \$566,390 and \$383,017 for the years ended December 31, 2018 and 2017, respectively.

The Authority is required by statute to contribute to the employee's pension benefits based on an annual actuarial calculation. The valuation is a determination of the financial condition of the retirement system. The PERS employer pension contribution rates were 12.46% and 12.46% for the years ended December 31, 2018 and 2017, respectively. The Authority's required annual contributions were \$56,477 and \$34,582 for the years ended December 31, 2018 and 2017, respectively.

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

The Authority pension expense recognized in accordance with the requirements of GASB 68 was \$26,946 and \$20,395 at December 31, 2018 and 2017, respectively. At December 31, 2018 and 2017, the Authority had a liability of \$1,117,955 and \$868,976, respectively, for its proportionate share of the net pension liability in PERS. The net pension liability was measured as of June 30, 2018, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. For purposes of measuring the net pension liability, the plan's fiduciary net position has been determined on the same basis as they are reported for PERS. Benefit payments are recognized when due and payable in accordance with the benefit terms and investments are measured at their fair value. The Authority's proportion of the net pension liability was based on a projection of the Authority's long-term share of contributions to the pension plan relative to the projected contributions of all participating members of the plan, actuarial determined. At June 30, 2018, the Authority's proportion was 0.0056779200% which was an increase of 0.0019449479% from its proportion of .0037329721%, as of June 30, 2017. The employer allocation percentages are based on the ratio of the contributions of an individual employer to the total contributions to PERS during the measurement period. At December 31, 2018 and 2017, respectively, the Authority reported deferred outflows and deferred inflows of resources related to pensions from the following sources:

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

## G. PENSION PLAN (CONTINUED)

Pension Liabilities, Pension Expense, and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions (Continued)

	PERS							
	2018				2017			
		Deferred		Deferred		Deferred	Deferred	
	Ο	utflows of	lr	nflows of	O	utflows of	lr	nflows of
	_R	esources	R	esources	_R	esources	_R	esources
Differences between expected and actual experience	\$	21,320	\$	5,765	\$	20,461	\$	-
Changes in assumptions		184,220		357,463		175,069		174,427
Net difference between projected and actual investment earnings on				10 496		E 017		
pension plan investments Changes in proportion and differences between Authority contributions and proportionate		-		10,486		5,917		-
share of contributions		404,433		126,241		73,713		198,562
Authority contributions subsequent to the measurement date		34,582				33,397		
	\$	644,555	\$	499,955	\$	308,557	\$	372,989

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

Years Ending December 31,	
2019	\$ 7,759
2020	10,743
2021	40,197
2022	29,937
2023	 21,382
	\$ 110,018

#### **Actuarial Assumptions**

The total pension liability in the June 30, 2018 and 2017, actuarial valuation was determined using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	2.25%
Salary increases: through 2026 (based on age)	1.65-4.15%
Salary increases: thereafter (based on age)	2.65-5.15%
Investment rate of return	7.00%

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

## G. PENSION PLAN (CONTINUED)

#### **Actuarial Assumptions (Continued)**

For PERS, pre-retirement mortality rates were based on the RP-2000 Employee Pre-retirement Mortality Table for male and female active participants. For local employees, mortality tables are set back two years for males and seven years for females. In addition, the tables provide for future improvements in mortality from the base year of 2013 using a generational approach based on the plan actuary's modified MP-2014 projection scale. Post-retirement mortality rates were based on the RP-2000 Combined Healthy Male and Female Mortality Tables (set back one year for males and females) for service retirements and beneficiaries of former members and a one-year static projection based on mortality improvement Scale AA. In addition, the tables for service retirements and beneficiaries of former members provide for future improvements in mortality from the base year of 2013 using a generational approach based on the plan actuary's modified MP-2014 projection scale. Disability retirement rates used to value disabled retirees were based on the RP-2000 Disabled Mortality Table (set back three years for males and set forward one year for females).

The actuarial assumptions used in the July 1, 2018, valuation were based on the results of an actuarial experience study for the period July 1, 2011 to June 30, 2014. It is likely that future experience will not exactly conform to these assumptions. To the extent that actual experience deviates from these assumptions, the emerging liabilities may be higher or lower than anticipated. The more the experience deviates, the larger the impact on future financial statements.

In accordance with State statute, the long-term expected rate of return on plan investments (7.00% at June 30, 2018 and 2017) is determined by the State Treasurer, after consultation with the Directors of the Division of Investments and Division of Pension and Benefits, the board of trustees and the actuaries. The long-term expected rate of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These rates 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 of each major asset class included in PERS's target asset allocation as of June 30, 2018 and 2017, are summarized in the following table:

	2018 and 2017			
	Long-Ter			
		Expected Real		
	Target	Rate of		
Asset Class	Allocation	Return		
Absolute return/risk mitigation	5.00%	5.51%		
Cash	5.50%	1.00%		
U.S. Treasuries	8.00%	1.87%		
Investment Grade Credit	10.00%	3.78%		
Public high yield	2.50%	6.82%		
Global diversified credit	5.00%	7.10%		
Credit oriented hedge funds	1.00%	6.60%		
Debt related private equity	2.00%	10.63%		
Debt related real estate	1.00%	6.61%		
Private real estate	2.50%	11.83%		
Equity related real estate	6.25%	9.23%		
U.S. Equity	30.00%	8.19%		
Non-U.S. developed markets equity	11.50%	9.00%		
Emerging markets equity	6.50%	11.64%		
Buyouts/venture capital	8.25%	13.08%		

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

## G. PENSION PLAN (CONTINUED)

#### **Actuarial Assumptions (Continued)**

The discount rate used to measure the total pension liability was 5.66% and 5.00% as of June 30, 2018 and 2017, respectively. The single blended discount rate was based on the long-term expected rate of return on pension plan investments of 7.00% and 7.00%, and a municipal bond rate of 3.87% and 3.58% as of June 30, 2018 and 2017, respectively, based on the Bond Buyer Go 20-Bond Municipal Bond Index, which includes tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current member contribution rates and that contributions from employers will be made based on the contribution rate in the most recent fiscal year. The State employer contributed 50% of the actuarially determined contributions and the local employers contributed 100% of their actuarially determined contributions. Based on those assumptions, the plan's fiduciary net position was projected to be available to make projected future benefit payments of current plan members through 2040. Therefore, the long-term expected rate of return on plan investments was applied to projected benefit payments through 2046, and the municipal bond rate was applied to projected benefit payments after that date in determining the total pension liability.

## Sensitivity of the Collective Net Pension Liability to Changes in the Discount Rate

The following presents the collective net pension liability of the participating employers as of June 30, 2018 and 2017, respectively, calculated using the discount rate as disclosed above as well as what the collective net pension liability would be if it was calculated using a discount rate that is 1% point lower or 1% point high than the current rate:

		At Current	
	At 1%	Discount	At 1% Increase
	<b>Decrease (4.66%)</b>	Rate (5.66%)	(6.66%)
2018	\$ 1,405,699	\$ 1,117,954	\$ 876,555
		At Current	
	At 1%	Discount	At 1% Increase
	<b>Decrease (4.00%)</b>	Rate (5.00%)	(6.00%)
2017	\$ 1,078,024	\$ 868,976	\$ 694,814

#### H. POST-EMPLOYMENT BENEFITS OTHER THAN PENSION

#### General Information About the OPEB Plan

The Authority participates in a cost sharing multiple-employer defined benefit other post-employment benefit plan (the "State Plan"), which is administered by the State of New Jersey. The State Plan is administered on a pay-as-you-go basis. Accordingly, no assets are accumulated in a qualifying trust that meets the criteria in paragraph 4 of GASB Statement No. 75, Accounting and Financial Reporting for the Postemployment Benefits Other Than Pensions ("GASB Statement No. 75"). The State Plan provides continued medical, prescription drug, and Medicare Part B health care benefits to retirees and their covered dependents. Benefits, contributions, funding and the manner of administration are determined by the State of New Jersey Legislature. The Division of Pensions and Benefits charges the Authority for its contributions. The total number of retired participants eligible for benefits was 7, 6, and 5 at December 31, 2018, 2017, and 2016, respectively.

The Authority did not contribute to the State Plan for the years ended December 31, 2018, 2017, or 2016 as the contributions were made on the Authority's behalf by the State of New Jersey.

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

## H. POST-EMPLOYMENT BENEFITS OTHER THAN PENSION (CONTINUED)

Please refer to the State website, for more information regarding the State Plan. The State Plan's financial report may be obtained by writing to the State of New Jersey, Department of Treasury, Division of Pensions and Benefits, P.O. Box 295, Trenton, New Jersey 08625-0295.

In accordance with N.J.S.A. 52:14-17.32, the State of New Jersey is required to pay the premiums or periodic charges for health benefits of State employees who retire within 25 years or more of service credit in, or retires on a disability pension from, one or more of the following plans: the Judicial Retirement System ("JRS"), the State Police Retirement System ("SPRS"), the Teachers' Pension and Annuity Fund ("TPAF"), the Public Employees' Retirement System ("PERS"), the Police and Firemen Retirement System ("PFRS"), or the Alternate Benefit Program ("ABP"). The Authority retirees participate in the PERS plan. The State of New Jersey shall also reimburse such retired employees for the premium charges under the Part B of the federal Medicare program covering the retired employee and the employee's spouse. Pursuant to Chapter 78, P.L, 2011, future retirees eligible for postretirement medical coverage who have less than 20 years of creditable service on June 28, 2011, will be required to pay a percentage of the cost of their health care coverage in retirement provided they retire with 25 or more years of pension service credit. The percentage of the premium for which the retiree will be responsible will be determined based on the retiree's annual retirement benefit and level of coverage.

## **Allocation Methodology**

GASB Statement No. 75 requires participating employers in the Plan to recognize their proportionate share of the collective total OPEB liability, collective deferred outflows of resources, collective deferred inflows of resources, and collective OPEB expense. The employer allocation percentages presented in the required supplemental schedules are based on the ratio of the plan members (active and retired) of an individual employer to the total members of the State Plan during the measurement period July 1, 2017 through June 30, 2018. Allocation percentages have been rounded for presentation purposes; therefore, amounts presented may result in immaterial rounding differences.

#### **Total OPEB Liability**

The components of the Authority's total OPEB liability as of December 31, 2018 and 2017, is as follows:

	December 31,		December 31,		
		2018		2017	
Total OPEB liability	\$	1,093,972	\$	1,147,519	
Plan Fiduciary Net Pension		<u>-</u>		<u>-</u>	
Net OPEB Liability	\$	1,093,972	\$	1,147,519	
Plan Fiduciary Net Pension		_		_	
as a % of total OPEB liability		- %		- %	

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

## H. POST-EMPLOYMENT BENEFITS OTHER THAN PENSION (CONTINUED)

GASB Statement No. 75 requires participating employers recognize their proportionate share of the collective total OPEB liability, collective deferred outflows of resources, collective deferred inflows of resources, and collective OPEB expense. The Authority's proportionate share of the collective total OPEB liability as of December 31, 2018 and 2017, was .004635 % and .004083%, respectively.

At December 31, 2018 and 2017, the amount recognized as the Authority's proportionate share of the total OPEB liability was \$1,093,923 and \$1,147,519, respectively. For the years ended December 31, 2018 and 2017, the Authority recognized OPEB expense of \$54,557 and \$1,099,574, respectively.

## **Actuarial Assumptions**

The total OPEB liability as of December 31, 2018 was determined by an actuarial valuation as of June 30, 2017, which was rolled forward to June 30, 2018. The total OPEB liability as of December 31, 2017, was determined by an actuarial valuation as of June 30, 2016. The actuarial assumptions vary for each plan member depending on the pension plan the member is enrolled in. This actuarial valuation used the following actuarial assumptions, applied to all periods in the measurement:

Inflation 2.50%

Salary increases\*

Through 2026 1.65 - 4.15% Thereafter 2.65 - 5.15%

## **Mortality Rates**

Preretirement mortality rates were based on the RP-2014 Headcount-Weighted Healthy Employee Male/Female mortality table with fully generational mortality improvement projections from the central year using the MP-2017 scale. Postretirement mortality rates were based on the RP-2014 Headcount-Weighted Healthy Annuitant Male/Female mortality table with fully generational improvement projections from the central year using the MP-2017 scale. Disability mortality was based on the RP-2014 Headcount-Weighted Disabled Male/Female mortality table with fully generational improvement projections from the central year using the MP-2017 scale.

Certain actuarial assumptions used in the June 30, 2017 valuation used for the Authority's December 31, 2018 total OPEB liability and in the June 30, 2016 valuation used for the Authority's December 31, 2017 total OPEB liability were based on the results of actuarial experience studies of the State of New Jersey's defined benefit pension plans for which the members are eligible for coverage. The Authority employees are eligible for coverage under the PERS plan. For both the June 30, 2017 and June 30, 2016 valuations, the PERS experience studies were prepared for the periods July 1, 2011 to June 30, 2014.

100% of active members are considered to participate in the Plan upon retirement.

<sup>\*</sup>Salary increase are based on the defined benefit plan that the member is enrolled in and his or her age.

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

## H. POST-EMPLOYMENT BENEFITS OTHER THAN PENSION (CONTINUED)

## **Health Care Trend Assumptions**

For pre-Medicare preferred provider organization (PPO) and health maintenance organization (HMO) medical benefits, the trend rate is initially 5.9% and decreases to a 5.0% long-term trend rate after nine years. For self-insured post-65 PPO and HMO medical benefits, the trend rate is 4.5%. For prescription drug benefits, the initial trend rate is 10.5% decreasing to a 5.0% long-term trend rate after eight years. For the Medicare Part B reimbursement, the trend rate is 5.0%. The Medicare Advantage trend rate is 4.5% and will continue in all future years.

#### **Discount Rate**

The discount rate for the valuations measured as of June 30, 2018 and 2017, was 3.87% and 3.58%, respectively. This represents the municipal bond return rate as chosen by the State of New Jersey. The source is the Bond Buyer Go 20-Bond Municipal Bond Index, which includes tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher. As the long-term rate of return is less than the municipal bond rate, it is not considered in the calculation of the discount rate, rather the discount rate is set at the municipal bond rate.

## Sensitivity of Total OPEB Liability to Changes in the Discount Rate

The following presents the collective total OPEB liability of the participating employers as of December 31, 2018 and 2017, calculated using the June 30, 2018 and 2017 valuation date discount rates as disclosed above as well as what the collective total OPEB liability would be if it was calculated using a discount rate that is 1-percentage point lower or 1 percentage point higher than the current rate:

	At 1% Decrease (2.87%)	At Current Discount Rate (3.87%)	At 1% Increase (4.87%)
2018	\$ 1,282,954	\$ 1,093,972	\$ 942,885
	At 1%	At Current Discount	At 1% Increase
	<b>Decrease (2.58%)</b>	Rate (3.58%)	(4.58%)
2017	\$ 1,348,581	\$ 1,147,519	\$ 987,136

#### Sensitivity of Total OPEB Liability to Changes in the Healthcare Trend Rate

The following presents the collective total OPEB liability of the participating employers as of December 31, 2018 and 2017, calculated using the June 30, 2018 and 2017 valuation date healthcare trend rate as disclosed above as well as what the total OPEB liability would be if it was calculated using a healthcare trend rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	 At 1% Decrease	althcare Cost <u>Frend Rate</u>	At 1% Increase
2018	\$ 910,875	\$ 1,093,972	\$ 1,331,994
	 A 1 40/	 	A 1 40/
	At 1% Decrease	althcare Cost Trend Rate	At 1% Increase
2017	\$ 954,072	\$ 1,147,519	\$ 1,399,356

(A Component Unit of the State of New Jersey)

NOTES TO FINANCIAL STATEMENTS

## H. POST-EMPLOYMENT BENEFITS OTHER THAN PENSION (CONTINUED)

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

	Deferral	Amortization Period	Beginning of the Year <u>Balance</u>	Additions	Deductions	End of the Year Balance
Deferred Inflows of Resources: Differences between expected and actual experience	2018	8.80 years	\$ -	\$ 110,150	\$ -	\$ 110,150
Change of assumptions	2017 2018	8.66 years 8.66 years	125,688 -	127,997	- -	253,685
Deferred Inflows of Resources		·	\$ 125,688	\$ 238,147	\$ -	\$ 363,835

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

Years Ending December,		OPEB
2019	\$	(49,382)
2020		(49,382)
2021		(49,382)
2022		(49,382)
2023		(49,382)
Thereafter		(116,925)
	<u>\$</u>	(363,835)

#### Changes in Proportion

The amounts in the deferred outflows of resources and deferred inflows of resources tables above do not include employer specific deferred outflows of resources and deferred inflows of resources related to the changes in proportion. As of December 31, 2018 and 2017, deferred outflows of resources related to changes in proportion were \$303,627 and \$173,633, respectively. As of December 31, 2018 and 2017, deferred inflows of resources related to changes in proportion were \$0. These amounts will be recognized (amortized) by the Authority over the average remaining service lives of all plan members, which is 8.14 years and 8.04 years for the 2018 and 2017 amounts, respectively.

#### I. PRIOR YEAR RESTATEMENT

In 2018 the Authority adopted new accounting guidance Governmental Accounting Standards Board Statement No. 75, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. As a result of this implementation, a restatement of the prior year net position was required in order to record the December 31, 2017 total OPEB liability of \$1,147,519 and related OPEB expense of \$1,099,574.



(A Component Unit of the State of New Jersey)

SCHEDULE OF PROPORTIONATE SHARE OF PERS NET PENSION LIABILITY DETERMINED AS OF JUNE 30, 2018, PERS MEASUREMENT DATE AND SCHEDULE OF CONTRIBUTIONS (UNAUDITED)

		2018	2	<u>2017</u>	_	2016		2	2015		2014
Authority's proportion of the net pension liability Authority's proportionate share of net	0.005	6779200%	0.0037	73297219	6 0.003	37592	905%	0.0037	7490761%	0.0	058670362%
Authority's covered-employee payroll Authority's proportionate share of net	\$	1,117,955 566,390	\$	868,976 383,017		1,113 225	3,394 \$ 5,351		841,592 258,611	\$	1,098,470 318,789
pension liability as a % of payroll Total pension liability	:	197% 2,409,231	1	2279 1,674,326	-	1,859	494% 9,898		310% 1,616,211		344.58% 2,292,337
Plan fiduciary net position Plan fiduciary net position as a % of total		1,291,277 53.60%		805,350 48.109			6,504 0.14%		774,619 47.93%		1,193,868 52.08%
pension liability			40			40					
Contractually required contribution Contributions in relation to the contractually		<u>20</u> \$	18 56,477	\$	017 34,582	\$	2016 33,3	97 \$	2015 32,232	2 \$	2014 48,367
required contribution			56,477		34,582		33,3	97	48,36	7	40,834
Authority's covered employee payroll Contributions as a % of covered employee payroll	oayroll	5	66,390 9.97%		383,017 9.03%		225,3 14.8		271,899 17.79		318,789 12.81%

The pension schedules are intended to show information for ten years. The State of New Jersey has issued five years of pension information to the Authority. Additional years' information will be displayed as it becomes available.

(A Component Unit of the State of New Jersey)

SCHEDULE OF PROPORTIONATE SHARE OF THE TOTAL OPEB LIABILITY STATE HEALTH BENEFIT STATE RETIRED EMPLOYEES PLAN DETERMINED AS OF JUNE 30, 2018, OPEB MEASUREMENT DATE (UNAUDITED)

Authority's Proportion of the total OPEB liability Authority's Proportionate share of total OPEB liability Authority's Covered Payroll	2018 0.004635 % \$ 1,093,972 566,390	2017 0.004083 % \$ 1,147,519 383,017	2016 0.003433 % \$1,036,766 225,351
Authority's proportionate share of the total OPEB liability as a percentage of its covered payroll Plan fiduciary net position as a percentage of the total OPEB liability	193 %	300 %	460 %
	0%	0%	0%

The OPEB schedules are intended to show information for ten years. The State of New Jersey has issued three years of OPEB information to the Authority. Additional years' information will be displayed as it becomes available.



# INDEPENDENT AUDITORS' 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

To the Board of Directors of New Jersey Building Authority

We have audited, in accordance with the 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, the financial statements of the governmental activities and each major fund, of the New Jersey Building Authority (the "Authority"), as of and for the year ended December 31, 2018, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, and have issued our report thereon dated December 30, 2019.

## **Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the Authority's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purposes of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control.

A deficiency in internal control 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 and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the Authority's financial statements will not be prevented, or detected and corrected, on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. We did identify a deficiency in internal control, described in the accompanying schedule of findings and recommendations that we consider to be a material weakness, finding 2018-001.

INDEPENDENT AUDITORS' 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 (CONTINUED)

#### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the Authority's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations and contracts, 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*.

## **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Authority's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Authority's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Mercadien, P.C. Certified Public Accauntants

December 30, 2019

(A Component Unit of the State of New Jersey)

#### SCHEDULE OF CURRENT YEAR FINDINGS AND RECOMMENDATIONS

## **Finding 2018-001**

## Criteria

Management is responsible for maintaining an accurate general ledger system.

#### Condition

Closing of the prior year general ledger and current year post-closing entries year were not properly completed for accurate financial reporting.

#### <u>Cause</u>

Significant turnover of staff responsible for maintaining the general ledger system.

#### Effect

General ledger and trial balance information presented for current year audit needed significant, material adjustments to reflect current year activity.

#### Recommendation

The Authority should ensure all required general ledger closing processes of the general ledger system are properly completed and that all current year post-closing entries are posted accuratey and timely to the general ledger. All general ledger accounts should be reviewed periodically throughout the year to ensure accuracy of balances.

#### Managements Response

Management is in agreement with the finding. As a result of personnel turnover, the general ledger and trial balance information presented for the current year needed significant, material adjustments. Consistent with the recommendation, appropriate training and procedures have been implemented to ensure all post-closing and year end processes entries are completed properly and timely. Also, general ledger accounts will be reviewed periodically throughout the year to ensure accuracy of balances.

(A Component Unit of the State of New Jersey)

SUMMARY SCHEDULE OF PRIOR YEAR AUDIT FINDINGS

None reported.