

# New Jersey Turnpike Authority 2023 Annual Budget-in-Brief



Prepared by the Finance Department

Donna Manuelli, Chief Financial Officer

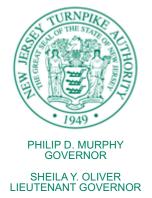
Erwin Luna, Assistant Comptroller

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1 Turnpike Plaza, Woodbridge, NJ 07095

## **Transmittal Letter**



# **New Jersey Turnpike Authority**

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> DIANE GUTIERREZ-SCACCETTI, Chair ULISES E. DIAZ, Vice Chair MICHAEL R. DuPONT, Treasurer RONALD GRAVINO, Commissioner JOHN D. MINELLA, Commissioner RAPHAEL SALERMO, Commissioner JOHN M. KELLER, Executive Director

October 25, 2022

To: The Board of Commissioners of the New Jersey Turnpike Authority:

We are pleased to submit for your review the New Jersey Turnpike Authority's (the Authority's) 2023 Annual Budget. The Authority's Turnpike Revenue Bond Resolution, Section 710, requires the Board of Commissioners to adopt, on or before January 15<sup>th</sup> of each fiscal year, an Annual Budget for that year, and promptly file the Annual Budget with the Trustee for inspection by the bondholders. The Annual Budget must include, at a minimum, appropriations for all anticipated Operating Expenses and Reserves therefor, and provisions for Maintenance Reserve Payments and Special Project Reserve Payments. The Annual Budget may set forth such additional material as the Authority may determine and shall contain a certificate of the Consulting Engineer approving such Annual Budget.

The 2023 Annual Budget has been prepared in accordance with the Authority's Strategic Plan and its Mission Statement. This mission is to prudently manage the finances and operations of the New Jersey Turnpike Authority to provide its customers with a safe, efficient, innovative, and resilient toll road system which facilitates mobility in New Jersey and the Northeast United States of America. To this end, the 2023 Annual Budget lays out, in detail, the progress that has been made since the approval of the 2020-2029 Strategic Plan. The 2023 Annual Budget includes total revenue which reflects the continued recovery from the pandemic, along with providing sufficient amounts for operating expenses, debt service and general reserve fund obligations. In addition, the 2023 Annual Budget includes the Authority's Capital Spending Program which is presented on a rolling five-year basis. The Capital Spending Program includes the revenue funded Capital Budget and the bond funded Construction Fund.

In 2023, the Revenue is budgeted at \$2.5 billion, which is a 7.4% increase from the 2022 budget, demonstrating a strong recovery as traffic is projected to return to about 96% of pre-pandemic levels, coupled with annual toll rate indexing at 3%, effective January 1, 2023. Operating Expenses are budgeted at \$713.7 million, which shows a 6.3% increase. Categorically, the increase is a derivative primarily of inflation and supply chain issues, but also of growth, a never-ending focus on the motoring public's safety, and contractual obligations. The national inflation rate is 8.3%, and inflation and supply change issues require budget increases in several areas including health benefits, fuel, utilities, insurance, automotive parts and supplies, and goods purchased for roadway and building maintenance. Also impacting operating expenses are forecasted growth in traffic and revenue which increases variable costs. Without inflation and growth, operating expenses are only budgeted to increase by a modest 2.2%. The 2023 Annual Budget includes Debt Service of \$958 million, an increase of \$55 million over last year's budget reflecting new money borrowings to fund the Capital Improvement Programs. General Reserve spending and transfers in 2023 total nearly \$760 million and include the fulfillment of \$640 million in contractual payments to the State after all debt service payments and bond resolution revenue funded capital requirements are met.

As illustrated in the Capital Spending Program, the Authority projects design, supervision, and construction contract awards to be approximately \$1.3 billion as per its target for the capital and construction projects. In addition, the Capital Spending Program projects a spending budget of nearly \$1.3 billion in 2023 from a combination of its bond and revenue funded programs. The various project budgets have also been increased by about 7% to account for inflation experienced or expected in future awards. Of note, the 2023-2027 Capital Improvement Program's primary focus is the rehabilitation of 19 bridges, as well as planning for the rehabilitation of the Newark Bay Hudson County Extension and Turnpike capacity enhancement between Interchanges 1 to 4. In addition, the Authority anticipates rolling out its All-Electronic Tolling initiative, also included in the 2023-2027 Capital Improvement Program. This program is derived from the 2020 Long-Range Capital Plan and is funded from bond proceeds. Revenue funded projects, on the other hand, focus on maintaining a state of good repair on both roadways. Funds will be utilized largely for the resurfacing of 620 total lane miles, as well as for several New Jersey Turnpike and Garden State Parkway bridge repairs and facility upgrades. The Authority is also starting its resiliency and sustainability initiatives, with projects involving solar panel installations at select Maintenance Districts, electric vehicle charging stations and the purchase of electric vehicles.

The 2023 Annual Budget demonstrates the Authority's continued ability to prudently manage its finances, and showcases its operational strength and resiliency despite the challenges faced by the current economic climate. The 2023 Annual Budget provides for the necessary personnel and expenditures to operate and maintain the New Jersey Turnpike and Garden State Parkway, two of the nation's busiest, yet safest toll roads. Finally, the 2023 Annual Budget provides bond covenant coverage that exceeds what is required by the Turnpike Revenue Bond Resolution and the Authority's Financial Management Principles and Guidelines and meets all contractual payment obligations.

John M. Keller

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**Executive Director** 

Donna Manuelli
Chief Financial Officer

Donna Mariell

# **Background**

The New Jersey Turnpike Authority (the "Authority") is a body corporate and politic of the State of New Jersey (the "State"). The Authority was organized and exists by virtue of the New Jersey Turnpike Act of 1948 (the "Act"), constituting Chapter 454 of the Laws of New Jersey of 1948, as amended and supplemented. Pursuant to the Act, the Authority has owned and operated the New Jersey Turnpike (the "Turnpike") since the time the Turnpike opened for traffic in 1951. In July 2003, the New Jersey Highway Authority (the "Highway Authority") was abolished and the Authority assumed all of the powers, rights, obligations, assets, debts, liabilities, and statutory responsibilities and duties of the Highway Authority, including the ownership and operation of the Garden State Parkway (the "Parkway"). As a result, the assets, liabilities, ongoing operations, expenses, and revenues of the Authority and the Highway Authority are now combined under the ownership and operation of the Authority.

## The Turnpike

The Turnpike is a limited access toll road that serves as part of the I-95 corridor, linking the major economic centers of the East Coast. Its connections to a major seaport in Newark and Elizabeth and an international airport in Newark make it an important route for both commercial and passenger vehicles. It also serves New Jersey commuters traveling to and from the major metropolitan areas surrounding Philadelphia, New York City, and other employment centers in the state. The Turnpike was the first toll road in New Jersey and the third in the nation when it opened in 1951.

When the Turnpike first opened in 1951, it was 118 miles in length, but has grown to 148 miles. The miles have grown over the years with the addition of the Newark Bay-Hudson County Extension (1956), the Pearl Harbor Memorial Turnpike Extension (1956), the Western Spur (1970), and the I-95 Extension (1992). The mainline connects to the George Washington Bridge in the north and the Delaware Memorial Bridge in the south. To the east it connects with the Lincoln and Holland Tunnels, as well as the Outerbridge Crossing. Lastly, to the west, it connects with the Delaware River Turnpike Toll Bridge. Originally four lanes for its full length, the Turnpike now boasts a width of fourteen lanes in some areas.

# The Parkway

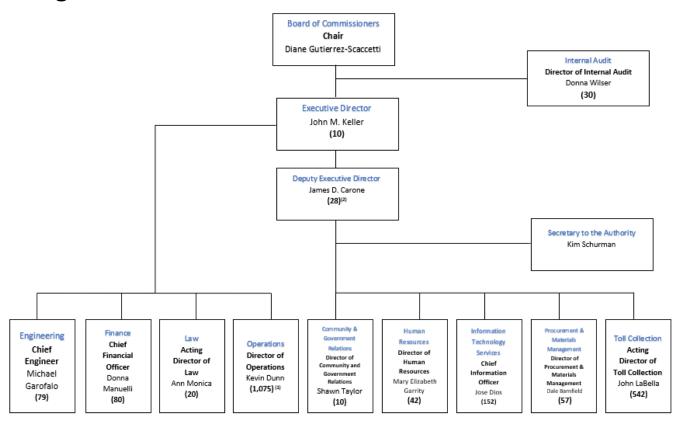
The Parkway first opened to traffic in 1954 with a length of 168 miles. It is now a 173-mile limited access toll road with connections in the north to the New York State Thruway at the New York-New Jersey border near Spring Valley, New York and in the south to Route 9 near Cape May, New Jersey. The Parkway interchanges are numbered according to their distance from the southern terminus.

The northern section of the Parkway serves the metropolitan suburban areas of Bergen, Union, Essex, and Passaic Counties near Newark and New York City. In addition to being heavily used by commuters, the location of many businesses and industrial complexes in or near the Parkway corridor has resulted in significant local business traffic. The Parkway is also the principal highway route between metropolitan Newark-New York City and the New Jersey seashore. The Parkway is now as wide as 15 lanes in some areas and has a heavy truck restriction north of Interchange 105.

# Leadership

Member	Position
Diane Gutierrez-Scaccetti	Chair
Ulises E. Diaz	Vice Chair
Michael R. Dupont	Treasurer
Ronald Gravino	Commissioner
John D. Minella	Commissioner
Raphael Salermo	Commissioner

# **Organization Chart**



- Departmental full-time employee count is shown in parenthesis
- In addition to the above authorized positions, there are 5 contingency positions budgeted
- (1) Operations includes the Maintenance Division (987) and the Traffic Division (88)
- (2) The 28 full-time employees in the State Police Department report directly to the Deputy Executive Director. This department is not shown in the above organization chart



#### New Jersey Turnpike and Garden State Parkway Crossing in Woodbridge

#### **Vision Statement**

To be the premier toll road agency in the United States of America.

#### **Mission Statement**

To prudently manage the finances and operations of the New Jersey Turnpike Authority to provide our customers with a safe, efficient, innovative, and resilient toll road system, which facilitates mobility in New Jersey and the Northeast United States of America.

#### **Core Values**

The Authority's core values are a commitment to:

Safety

**Diversity** 

Innovation

**Transparency** 

**State of Good Repair** 

**Customer Satisfaction** 

**Resiliency & Sustainability** 

**Long Term Financial Stability** 

# The Strategic Plan (2023 Annual Budget p11)

The Authority adopted its first ten-year Strategic Plan (2020-2029) in 2019. The Strategic Plan, through its incorporation of the Authority's vision and mission statement, as well as its core values, provides clear direction and measurable goals for the next ten years. The Authority is working to measure, monitor, and report its performance as compared to the key goals on a quarterly basis.

#### **Key Goals**

- Safety (Crashes and fatalities, toll collection personnel incidents, maintenance and contractor personnel incidents, service area and park and ride safety)
- Financial Strength (Credit strength, cost effective operations, capital funding approach, reserve funding, and debt capacity)
- Mobility (Vehicle throughput, traffic balancing, emerging tolling and vehicle technologies, multi-modal connectivity through regional coordination)
- State of Good Repair (Safeguarding Authority's infrastructure assets by maintaining pavements, bridges, drainage systems, signage, lighting, and facilities)
- People (Customer satisfaction, staffing needs, retention of high-quality staff, succession planning, and talent acquisition)

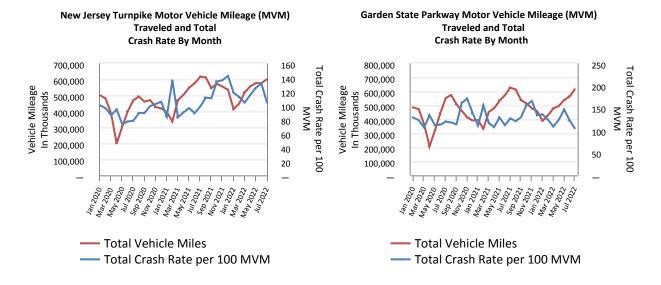
#### **Goals and Accomplishments**

#### Safety

**Goal (2023):** Increase safety inspections to include not only bridges, but also overhead sign structures, antenna towers, pavement in all travel lanes and MSE walls. The additional inspections are to occur once every four years

**Accomplishments (2022):** Improved roadway safety by upgrading delineation of select interchanges, upgrading over 60 traffic control devices on ramp terminals to assist in the reduction of run-off road crashes, and publishing new and modern Work Zone Safety Procedures guidance for contractor and Maintenance personnel use

Total Crash Rate per 100 Motor Vehicle Miles (MVM) for the period January thru July 2022 increased 20% on the Turnpike and 1% on the Parkway when comparing the same period in 2021. These trends are similar to the national average.



#### **Financial Strength**

**Goal (2023):** Increase General Reserve balance to no less than \$247 million, which is 10% of the 2023 budgeted revenue

Accomplishments (2022): Successfully issued \$100 million of Series 2022A Turnpike Revenue Bonds to refund and redeem certain maturities of the outstanding Series 2013A. This issuance was part of the forward delivery direct bond purchase agreement between the Authority and Barclays Capital Inc which produced \$15.4 million of upfront savings for the Authority.

In 2022, Moody's, S&P, and Fitch all upgraded The New Jersey Turnpike Authority's Bond Ratings. See below table for details:

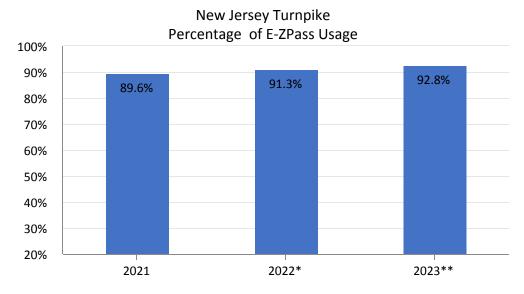
New Jersey Turnpike Authority Bond Ratings							
Credit Rating Agency 2021 Bond Ratings 2022 Bond Ratings							
Moody's Investors Service Inc	A2 (Stable Outlook)	A1 (Stable Outlook)					
S&P Global Ratings	A+ (Stable Outlook)	AA- (Stable Outlook)					
Fitch Ratings	A (Positive Outlook)	A+ (Stable Outlook)					

#### Mobility

**Goal (2023):** Continue network and server infrastructure upgrades to ensure additional capacity, as required by roadway demand

**Accomplishments (2022)**: Upgraded the Traffic Permitting and Lane Closure Application, completed the tolling data business intelligence and analytics pilot program for E-ZPass process improvements, and enhanced customer experience

E-ZPass usage is expected to increase on the Turnpike by 1.5% in 2023 to almost 93% on a 24/7 basis. The Authority has one of the highest E-ZPass penetration rates in the country.



<sup>\*</sup>Through July 31, 2022

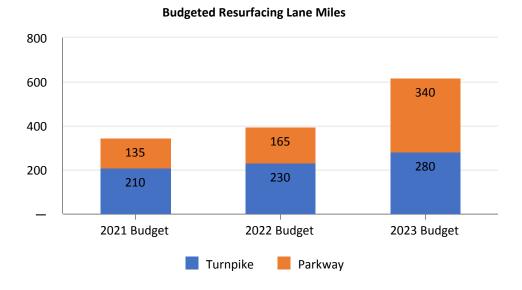
<sup>\*\*</sup>Estimates based on historical average trend from 2016-YTD July 2022

#### **State of Good Repair**

**Goal (2023):** Meet or exceed the overall average condition rating of 3.5 for all the mainline pavement of the Turnpike and Parkway

**Accomplishments (2022):** Improved the overall condition of mainline pavement and bridges on the Turnpike and Parkway, and managed the rehabilitation and modernization of the Woodrow Wilson and Molly Pitcher service areas

Budgeted resurfacing lane miles will increased by 57% from 2022 to 2023 to a total of 620 lane miles

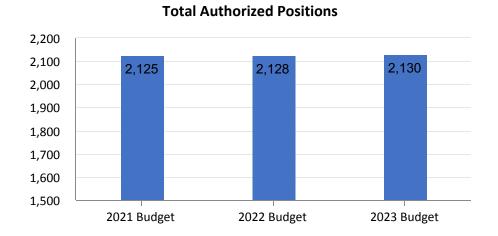


### People

**Goal (2023):** Successfully negotiate successor contracts to all Collective Bargaining Agreements set to expire beginning 6/30/23.

**Accomplishments (2022):** Implemented a new manager and supervisor training program with a concentration on employment and labor relations

Budgeted authorized positions are essentially flat from 2022 to 2023



# **Executive Summary** (2023 Annual Budget p29)

The Authority operates two well-established highways. Both roadways make up the backbone of north-south travel in New Jersey, with the Turnpike considered a critical link within the I-95/Northeast Corridor. The roads serve a densely populated and wealthy region. Most of the traffic is non-discretionary and the demand for the roads has proven to be inelastic.

In July 2003, the New Jersey Turnpike Authority and New Jersey Highway Authority were consolidated. Combining two premier toll roads like the Turnpike and the Parkway into a single agency was no small order. Almost 20 years later, the singular agency continues to be recognized as a first-class agency among its peers in the transportation and tolling industries. The Authority is consistently ranked at the top of toll road agencies in the United States for both vehicle miles traveled and toll revenue.

The Authority's prudent financial and operational planning has allowed it not only to continue to meet, but exceed all of its financial obligations even during the peak of the COVID-19 pandemic. The 2023 Annual Budget has been developed in accordance with the Authority's mission contained in the Strategic Plan, the 2020 Long-Range Capital Plan, and the 2020 toll rate increase plan, including 3% toll rate indexing, which was designed to provide a stable funding source for capital needs. The 2023 Annual Budget also addresses state of good repair needs and safety for both customers and employees. The Authority can meet its funding needs and obligations in 2023, despite the impacts of inflation, which are at levels not seen in 40 years, and global supply chain issues.

Throughout 2022, the Authority has continued to see improvements in traffic and revenue as a result of increased travel and higher than projected commercial traffic on the New Jersey Turnpike. Notably, commercial traffic reached record levels in June 2022. Toll revenue is expected to increase by 6.3% compared to the 2022 budget for both roadways. The 2023 toll revenue budget is based upon projections in the Draw Down Letter provided by CDM Smith as of July 22, 2022. The updated forecast includes the assumed continuing recovery from the impacts of COVID-19, the 3% toll rate indexing, slightly dampened traffic due to hybrid work schedules, and high fuel prices. On the Turnpike, CDM Smith projects, in 2023, a 6.8% increase in toll revenue and a 4.1% increase in toll transactions compared to the 2022 budget. When compared to the 2022 estimated results, there is a 2.8% increase in toll revenue and a 1.8% increase in toll transactions. On the Parkway, CDM Smith projects a 4.6% increase in toll revenue and 1.4% increase in toll transactions when compared to the 2022 budget. When compared to the 2022 estimated results, there is a 5.8% increase in toll revenue and a 2.1% increase in toll transactions.

Operating Expenses are budgeted to increase by 6.3% in 2023 which is driven by record high inflation of over 8.0% nationwide, increased growth in traffic and toll revenues, increased safety inspection tasks, and increased contractual obligations. Inflation and global supply chain issues greatly affect overall maintenance and safety inspections costs which accounts for 44.8% of the total budget increase. Growth, primarily in toll transactions increases banking or credit card fees which accounts for 20.3% of the total budget increase. Due to rising healthcare costs due to medical inflation and a decrease in employee contribution rates in Health Benefits, and additional asset inspections which occur every four years, these factors also contribute to the increase in the Operating Expenses. When excluding these items, Operating Expenses are budgeted to increase by only 2.2% primarily due to contractual salary increases and enhanced safety spending. Despite these assumed across-the-board salary increases, the Authority's overall salary budget is essentially flat compared to 2022. Authorized full-time positions remain flat at 2,130.

Most notably, the 2023 Annual Budget includes nearly \$1.3 billion for spending under its Capital Spending Program. The Capital Spending Program includes both bond funded and revenue funded capital projects. It is expected that the capital investment in these projects will boost mobility and improve safety for generations of New Jersey drivers to come. All Capital Spending Budget project budgets have been adjusted for actual and projected inflationary increases. The 2023 Annual Budget provides sufficient revenue and bond proceeds to meet capital spending needs. Finally, the 2023 Annual Budget projects debt service coverage of 2.0 times, and total requirements coverage of 1.52 times, each above both Bond Resolution covenants and financial policy targets.

#### 2023 Annual Budget Summary

Revenue								
(\$ In Thousands) 2021 Actual 2022 Budget 2023 Budget								
Toll Revenue	\$	1,998,800	2,067,000	2,196,400				
Other Revenue		267,400	231,400	272,300				
Total	\$	2,266,200	2,298,400	2,468,700				

#### **Significant Revenue Highlights**

- Toll revenue is expected to increase by 6.8% on the Turnpike and 4.6% on the Parkway when compared to the 2023 budget, representing an overall 6.3% increase. This increase is primarily due to traffic increases, as travel patterns continue to return to pre-pandemic levels and normal growth, and toll rate indexing at 3% effective January 1, 2023.
- CDM Smith's July 2022 Traffic and Revenue Forecast increased the prior toll revenue forecast by about \$24 million for the years 2023 and 2024, but decreased the prior toll revenue forecast by about \$38 million between 2025 and 2027. This pattern for the years 2023 to 2027 is due to a greater than expected recovery from COVID-19 impacts in the next few years, then followed by damping demand for travel due to an increase in fuel prices and the prevalence of telecommuting.
- All other revenue sources in total are up about \$40.9 million compared to the 2022 budget, mainly due to more fee income, reflecting both current trends in administrative fee collections and growth in membership fees.

Expenses										
(\$ In Thousands)		2021 Actual	2022 Budget	2023 Budget						
Operating Expense and Reserve (1)	\$	590,700	676,600	717,900						
Debt Service		796,379	902,853	958,160						
General Reserve		372,457	685,845	759,845						

<sup>(1)</sup> Operating Expenses and Reserve includes the operating expenses for the year and the working capital reserve of 10% of the annual budgeted operating expenses as per section 504(B) of the Bond Resolution.

Capital Budget									
(\$ In Thousands) 2021 Actual 2022 Budget 2023 Budget									
Maintenance Reserve Fund	\$	115,920	219,787	278,797					
Special Project Reserve Fund		24,920	76,137	109,346					
Supplemental Capital Program		42,707	74,950	51,679					

Construction Fund								
(\$ In Thousands)		2021 Actual	2022 Budget	2023 Budget				
2023-2027 Capital Improvement Program	\$	81,032	351,630	608,468				
2019 Capital Improvement Program		182,310	172,507	129,645				
2008 \$7 Billion Capital Improvement Program		81,972	74,160	103,001				

#### **Significant Spending Highlights and Challenges**

- Operating Expenses in 2023 are budgeted at \$713.7 million, which includes four key factors that are increasing the budget:
  - Inflation and global supply chain \$18.9 million or 44.8% of the budgeted increase
  - Growth \$8.6 million or 20.3% of the budgeted increase
  - Safety \$7.6 million or 18.1% of the budgeted increase
  - Contractual \$7.0 million or 16.8% of the budgeted increase
- Without inflation and growth, the Authority's budget for Operating Expenses would only be increasing by a modest 2.2%
- The four key factors are affecting costs primarily in five key areas with significant increases totaling about \$31.2 million
  - Health Benefits are budgeted to increase by approximately \$11.9 million due to medical inflation and decreases in employee contribution rates
  - Other Professional Services are budgeted to increase by approximately \$8.2 million largely due to increased safety inspection tasks (for bridges, overhead sign structures, antenna towers, pavement of all travel lanes, and mechanically stabilized earth walls), increased toll collection costs associated with higher traffic numbers and increased supplemental staff services
  - Roadway Maintenance, Equipment Maintenance, and Other Materials are budgeted to increase by approximately \$5.4 million due to increased maintenance costs primarily due to inflation and supply chain issues, the largest of which is maintaining the Authority's vehicle fleet
  - Insurance is budgeted to increase approximately \$3.0 million due to an increased need for cyber insurance and the increased asset value of the Authority's insured bridges and properties mainly due to increases in replacement values of insured assets
  - Banking Services, mainly credit card fees for electronic toll collection are budgeted to increase by approximately \$2.7 million due to rising toll revenue mostly from increased traffic
- Without these five areas, the Authority's budget for Operating Expenses would only be increasing by 1.5%
- The 2023 Annual Budget includes essentially flat full-time authorized positions at 2,130, including five
  contingent positions. Even with assumed across-the-board increases of 2.0% in 2023, the Authority's
  budget for salaries in 2023 is essentially flat with 2022.
- Operating Expenses include \$38.1 million budgeted for snow and severe weather costs, which represents
  the budget level that has been maintained for the past eight years. The number and severity of weather
  events is unpredictable and could put pressure on Operating Expenses. In addition, the budget includes
  assumptions on pension payments, health benefit costs, and E-ZPass transaction and credit card
  processing fees, all of which are highly variable. Changes from the current budget assumptions in any of
  these areas also could put pressure on Operating Expenses.
- The 2023 Debt Service Budget is increasing by about \$55.3 million to \$958.2 million, or about 6.1% as compared to the 2022 Debt Service Budget. The Debt Service Interest Budget is increasing by approximately \$28.9 million. The 2023 budget provides for a full year of interest payments on the assumed new money bond issuance in 2022 of \$700.0 million and a full year of interest payments for new money bond issuance in 2023 of \$1.0 billion, both to fund the Authority's various capital programs. The Debt Service Principal Budget is also increasing by approximately \$26.4 million when compared to the 2022 budget. Of the total debt service, \$873.3 million is budgeted to be paid from net revenue and \$85.0 million is budgeted to be paid from capitalized interest. By the end of 2023, the Authority is expected to have \$12.9 billion of debt outstanding. Net Debt Service requirements currently equal 35.4% of 2023 total budgeted revenue.

- The 2023 Annual Budget includes the Debt Reserve which is budgeted at \$40.1 million. The \$40.1 million represents the anticipated increase necessary to bring the total balance in the Debt Reserve to \$640.7 million and is required under the Bond Resolution based upon the assumed \$1.0 billion new money bond issuance.
- The General Reserve includes funding for extraordinary weather events, contractual state payments, and transfers for revenue funded capital projects that are part of the Supplemental Capital Program in the Construction Fund. The most significant increase in budgeted spending comes from payments totaling \$605.5 million under the State Public Transportation Projects Funding Agreement for New Jersey that began on July 1, 2021. This includes a portion of catch up payments for the State Fiscal Year 2023 based on the new agreement. The 2023 budget also includes an assumed increase in the State Public Transportation Projects Funding Agreement for the Gateway Project Tunnel, with an estimated \$10.0 million provided for funding for the Gateway Development Corporation operations.
- The Capital Spending Program (Capital Budget and Construction Fund) totals over \$7.0 billion between 2023 through 2027, or an average of \$1.4 billion of spending per year. Spending is made up of 28% from revenue and 72% from bond proceeds. The Capital Spending Program includes the revenue funded programs in the Maintenance Reserve Fund, the Special Project Reserve Fund, and the Supplemental Capital Program (collectively known as the Capital Budget). It also includes the bond funded programs in the Construction Fund, which include the 2023-2027 Capital Improvement Program, which is derived from the 2020 Long-Range Capital Plan, the 2019 Capital Improvement Program, and the 2008 \$7 Billion Capital Improvement Program. The Construction Fund includes projects which maintain a state of good repair, improve safety, and provide capacity enhancements. All projects in the Capital Spending Program have had their project budgets adjusted to account for actual and projected inflationary price increases in materials and labor.

# Financial Plan (2023 Annual Budget p8)

The Authority's current financial plan includes projected revenues, expenses, deposits to reserve funds, and financial covenant calculations through December 31, 2027.

New Jersey T	urnpike	Authorit	y Finan	cial Plar	1		
Fiscal Year Ending 12/31	Actual	Est/Act	Budget	Projected	Projected	Projected	Projected
(\$ In Thousands, rounded to nearest hundred thousand)	2021	2022	2023	2024	2025	2026	2027
Revenues							
Toll Revenues (1)							
Turnpike Tolls	\$ 1,493,600	1,593,300	1,638,700	1,712,300	1,776,100	1,844,900	1,922,000
Parkway Tolls	505,200	526,900	557,700	582,100	602,800	625,200	648,200
E-ZPass Fees	131,700	128,000	120,000	122,400	124,800	127,300	129,800
Federal Subsidy for Series 2009 F and Series 2010 A Bonds (2)	77,500	77,100	77,000	77,000	77,000	77,000	77,000
Concession Revenue	31,100	35,400	33,000	33,700	34,400	35,100	35,800
Other Revenue	27,100	59,700	42,300	48,600	59,500	66,800	64,500
Total Revenues	\$ 2,266,200	2,420,400	2,468,700	2,576,100	2,674,600	2,776,300	2,877,300
Operating Expenses and Reserve (3)	(590,700)	(627,200)	(717,900)	(753,100)	(786,500)	(817,700)	(845,800)
Total Revenues Available for Debt Service	\$ 1,675,500	1,793,200	1,750,800	1,823,000	1,888,100	1,958,600	2,031,500
Future Debt Issuance	_	700,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Existing Debt Service (4)(5)	(795,500)	(859,200)	(873,300)	(920,200)	(929,600)	(931,200)	(933,000)
Proposed DS on Future Debt Issuance	_	(5,800)	(85,000)	(135,000)	(185,000)	(235,000)	(285,000)
Proposed Capitalized Interest	_	5,800	85,000	135,000	179,200	150,000	150,000
Proposed Forward Delivery Refunding	_	_	_	_	_	-	-
Net Debt Service (6)	(795,500)	(859,200)	(873,300)	(920,200)	(935,400)	(1,016,200)	(1,068,000)
Total Revenues Available After Debt Service	\$ 880,000	934,000	877,500	902,800	952,700	942,400	963,500
Maintenance Reserve Fund (7)	(160,000)	(200,000)	(230,000)	(240,000)	(250,000)	(260,000)	(269,100)
Special Project Reserve Fund (7)	(50,000)	(50,000)	(51,500)	(54,100)	(56,500)	(58,800)	(60,900)
Net Revenues Available for General Reserve Fund	\$ 670,000	684,000	596,000	608,700	646,200	623,600	633,500
TTF Payments	(22,000)	(22,000)	(22,000)	(22,000)	(22,000)	(22,000)	(22,000)
Feeder Road Maintenance Agreement	(2,500)	(2,500)	(2,500)	(2,500)	(2,500)	(2,500)	(2,500)
2016 State Transportation Projects Funding Agreement	(64,500)	_	_	_	_	-	_
2021 State Transportation Projects Funding Agreement (8)	(175,000)	(523,000)	(605,500)	(472,500)	(487,500)	(502,500)	(517,500)
Proposed Gateway Project Tunnel	_	_	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)
General Reserve Spending	(33,600)	(60,600)	(59,800)	(54,800)	(54,800)	(54,800)	(54,800)
Net Transfer to Construction Fund Account	(63,400)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
Funding for Salary Chargeback Bond funded Projects	(11,500)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)
Other							
Net Annual General Reserve Fund Increase (Decrease)	297,500	15,900	(163,800)	(13,100)	9,400	(28,200)	(33,300)
Available Ending General Reserve Fund Balance (9)	\$ 637,200	653,100	489,300	476,200	485,600	457,400	424,100
Net Revenues to Debt Service Coverage Ratio	2.11	2.09	2.00	1.98	2.02	1.93	1.90
Net Revenues to Debt Service and Reserves Coverage Ratio	1.67	1.62	1.52	1.50	1.52	1.47	1.45

<sup>(1)</sup> Toll Revenue from 2023 to 2027 is based on the 2022 Draw Down Letter from CDM Smith dated July 22, 2022.

<sup>(2)</sup> Assumes a 5.7% reduction in BAB Subsidy throughout projection period.

<sup>(3)</sup> Operating Expenses and Reserve includes the operating expenses for the year from the HNTB Report dated September 25, 2022 and the annual increase in the working capital reserve which brings the total amount of reserves in the Revenue Fund to 10% of the annual budgeted operating expenses as per section 504 (b) of the Bond Resolution.

<sup>(4)</sup> Existing debt service assumes swapped debt will achieve synthetic fixed rate and includes the applicable spreads of the FRNs. The unhedged portion of the 2015A Bonds (\$5,000,000) assumes the maximum interest rate of 12%.

<sup>(5)</sup> Bonds with a mandatory tender dates are assumed to roll over their respective current spreads through maturity.

<sup>(6)</sup> Net Debt service includes debt service on the existing and future debt netted with the capitalized interest for the years 2022-2027.

<sup>(7)</sup> From HNTB Report dated September 25, 2022.

<sup>(8)</sup> State Payments are based on calendar year while the State agreement is on fiscal year basis (6/30).

<sup>(9)</sup> Beginning General Reserve Fund Balance is adjusted for non-cash interfund balances.

<sup>-</sup> Totals may not add due to rounding

### **Financial Plan Assumptions**

**Total Revenue** – Includes projected toll revenue as per CDM Smith's July 2022 Draw Down Letter, which shows an increase in toll revenue from an increase in traffic due to continued recovery in traffic closer to pre-pandemic levels, and normal growth in conjunction with the annual 3% toll indexing each year, from 2023 - 2027. This increase is tempered by anticipated permanency of telecommuting and increasing gas prices. Most other revenue sources are increasing by about 2% per year from 2024, forward.

Operating Expenses – Projected to increase by 6.3% from 2022 to 2023, primarily driven by general price inflation which has exceeded 8.0%, growth, safety initiatives, and to a lesser extent contractual increases. These increases are seen in Employee Health Benefits due to medical inflation and a decrease in employee contribution rates, Other Professional Services largely due to increased asset inspections beyond bridge inspections, increased toll collection costs associated with higher traffic and revenue numbers and increased supplemental staff services, Insurance premiums due to cyber insurance enhancements and the increased value of the Authority's insured bridges and properties due to higher replacement values and growth, Banking Services for toll collection due to rising toll revenue numbers and Roadway Maintenance, Equipment Maintenance, and Other Materials primarily due to general inflation and supply chain issues, as well as an increase in software due to growth. After 2023, Operating Expenses are projected to increase on average by about 4.3% per year, based upon assumed standard increases in salaries, pension, health benefits and other key cost categories.

**Net Debt Service** – Projected Net Debt Service (payable from net revenues) includes interest payments on the assumed new money bond issuances of about \$1.0 billion per year to fund the Authority's various capital improvement programs. Projections assume the use of capitalized interest for a period of up to three years on each new money issuance from 2023 through 2027. Net Debt Service isn't projected to increase from future new money issuances until 2026 when the capitalized interest expires on the Series 2022B Bonds.

Maintenance Reserve Fund and Special Project Reserve Fund – Deposits to both the Maintenance Reserve Fund and the Special Project Reserve Fund are determined by the Authority's General Consulting Engineer, HNTB. The deposits are determined based upon necessity from the Consulting Engineer's Report dated October 2022. Maintenance Reserve Fund deposits will increase by \$10 million per year through 2026, and then will increase by 3.5% per year thereafter. Special Project Reserve Fund deposits will increase by 3% in 2023, 5% in 2024, 4% in 2025, and 3.5% per year thereafter. Deposits to these funds have been increased over prior levels to account for needs and inflationary increases in materials and labor

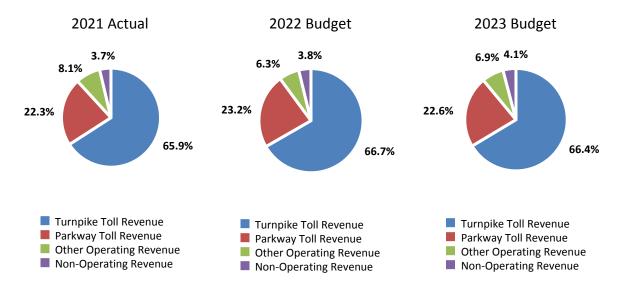
**State Payments** – Includes payments under the Transportation Trust Fund Agreement, Feeder Road Maintenance Agreement, and the 2021 State Public Transportation Projects Funding Agreement, all between the Authority and the State of New Jersey, with payments subordinate to debt service payments to bondholders and Bond Resolution required deposits to the Maintenance Reserve Fund and the Special Project Reserve Fund. The new State Public Transportation Projects Funding Agreement started on July 1, 2021. This agreement requires payments based on the state fiscal year which begins on July 1<sup>st</sup>. The 2023 projections include a portion of catch up payments for the state fiscal year 2023 (7/1/2022 - 6/30/2023). It is assumed that the State Public Transportation Projects Funding Agreement will be amended to provide funding to the State for the Gateway Project Tunnel operations estimated at about \$10 million/year during the 10 -year construction period beginning in 2023.

The Authority's Financial Plan through 2027 forecasts the Authority to be in compliance with and exceed its General Bond Resolution Financial covenants, which require a minimum debt service coverage ratio of 1.20 times and total requirements coverage of at least 1.0 times. In addition, the Authority is projected to be in compliance with and also exceed its Board approved policies that target debt service coverage of at least 1.40 times, total requirements coverage of 1.20 times, and a minimum unencumbered General Reserve Fund balance of 10% of total annual revenue as of December 31, 2022 and each subsequent year thereafter (\$246.9 million as of December 31, 2023 increasing to \$287.7 million as of December 31, 2027).

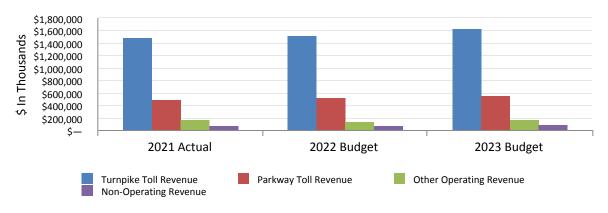
# **Summary of Major Revenues and Expenses**

#### **Sources of Revenue**

Sources of Revenue										
		% Δ from								
(\$ In Thousands)	2021 Actual	2022 Budget	2023 Budget	2022 Budget	2022 Budget					
Turnpike Toll Revenue	\$ 1,493,600	1,533,800	1,638,700	104,900	6.8%					
Parkway Toll Revenue	505,200	533,200	557,700	24,500	4.6%					
Other Operating Revenue	182,500	144,100	169,900	25,800	17.9%					
Non-Operating Revenue	84,900	87,300	102,400	15,100	17.3%					
Total Revenue	\$ 2,266,200	2,298,400	2,468,700	170,300	7.4%					



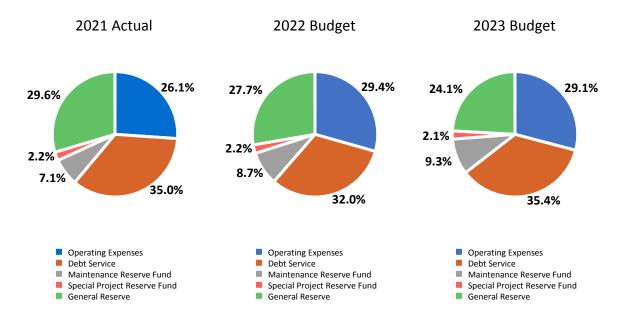
#### **Sources of Revenue**



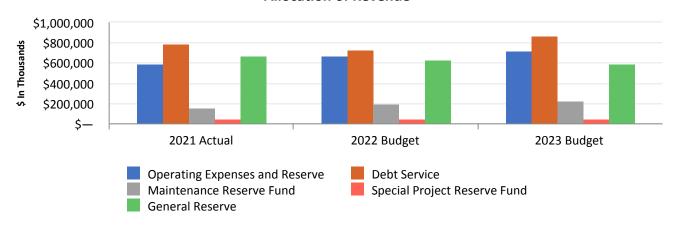
#### **Allocation of Revenue**

Allocation of Revenue											
				\$ Δ from	% Δ from						
(\$ In Thousands)	2021 Actual	2022 Budget	2023 Budget	2022 Budget	2022 Budget						
Operating Expenses and Reserve (1)	\$ 590,700	676,600	717,900	41,300	6.1%						
Net Debt Service <sup>(2)</sup>	795,500	735,200	873,300	138,100	18.8%						
Maintenance Reserve Fund	160,000	200,000	230,000	30,000	15.0%						
Special Project Reserve Fund	50,000	50,000	51,500	1,500	3.0%						
General Reserve	670,000	636,600	596,000	(40,600)	(6.4)%						
Total Allocation of Revenue	\$ 2,266,200	2,298,400	2,468,700	170,300	7.4%						

(1) Operating Expenses and Reserve includes the operating expenses for the year (\$713,700 in 2023) and the annual increase in the working capital reserve (\$4,200 in 2023) to bring total reserves in the Revenue Fund to of 10% of the annual budgeted operating expenses as allowed per section 504(B) of the Bond Resolution (2)Net Debt Service includes debt service on the existing and future debt netted with the capitalized interest for 2023. Represents debt service payable from net revenues.



#### Allocation of Revenue



# **Revenue Requirement**

The Revenue Requirement under section 713(b) of the Bond Resolution states that in each calendar year Net Revenue shall at least equal the Net Revenue Requirement for such year. Under Section 101 of the Bond Resolution, Net Revenue is defined as "... for any calendar year or other period of time, the Pledged Revenue during such year or period less the amounts of the Operating Expenses for such year or period." The Net Revenue Requirement is defined as, "an amount equal to the greater of:

- (i) The Sum of the Aggregate Debt Service, Maintenance Reserve Payments, Special Project Reserve Payments, and payments, if any, to the Charges Fund for such period; or
- (ii) 1.20 times the Aggregate Debt Service for such period (excluding, for purposes of clause (ii) only, any payment due and payable by the Authority under a Qualified Swap upon an early termination thereof)"

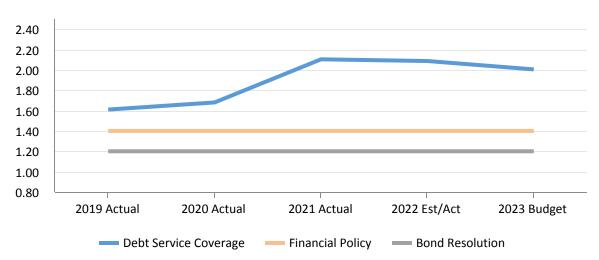
On or before December 1 in each year, the Authority will review its financial condition to estimate whether the net revenue for such year and for the next succeeding year will be sufficient to comply with the toll covenant. The required calculations are shown below.

Net Reven	Net Revenue Requirement										
(\$ In Thousands)	2	021 Actual	2022 Est/Act	2023 Budget							
Revenue	\$	2,266,200	2,420,400	2,468,700							
Operating Expenses and Reserve (1)		(590,700)	(627,200)	(717,900)							
Net Revenue	\$	1,675,500	1,793,200	1,750,800							
Net Debt Service <sup>(2)</sup>		(796,400)	(859,200)	(873,300)							
Maintenance Reserve Payments		(160,000)	(200,000)	(230,000)							
Special Project Reserve Payments		(50,000)	(50,000)	(51,500)							
Total Requirements	\$	(1,006,400)	(1,109,200)	(1,154,800)							
Excess Revenue	\$	669,100	684,000	596,000							
Net Revenue		1,675,500	1,793,200	1,750,800							
1.2X Debt Service		(955,700)	(1,031,000)	(1,048,000)							
Excess Revenue at 1.2X Debt Service	\$	719,800	762,200	702,800							
Debt Service Coverage		2.10	2.09	2.00							

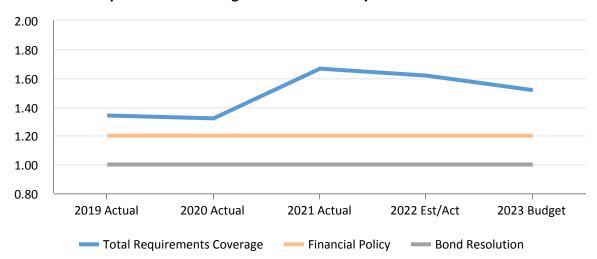
<sup>(1)</sup> Operating Expenses and Reserve includes the operating expenses for the year (\$713,700 in 2023) and the annual increase in the working capital reserve (\$4,200 in 2023) to bring total reserves in the Revenue Fund to 10% of the annual budgeted operating expenses as allowed per section 504(B) of the Bond Resolution

<sup>(2)</sup> Net Debt Service includes debt service on the existing and future debt netted with the capitalized interest for 2023 and represents debt service payable from net revenues.

### **Debt Service Coverage to Financial Policy and Bond Resolution Ratio**



#### **Total Requirements Coverage to Financial Policy and Bond Resolution Ratio**



## Revenue

	Revenue										
(\$ In Thousands)	2	021 Actual	2022 Budget	2023 Budget	\$ Δ from 2022 Budget	% Δ from 2022 Budget					
Turnpike Toll Revenue	\$	1,493,600	1,533,800	1,638,700	104,900	6.8%					
Parkway Toll Revenue		505,200	533,200	557,700	24,500	4.6%					
Fees		131,700	100,000	120,000	20,000	20.0%					
Concession Revenue		31,100	31,500	33,000	1,500	4.8%					
Miscellaneous Revenue		19,700	12,600	16,900	4,300	34.1%					
Total Operating Revenue	\$	2,181,300	2,211,100	2,366,300	155,200	7.0%					
Federal Subsidy for Build America Bonds		77,500	77,000	77,000		-%					
Federal and State Reimbursements		700	_	_	_	-%					
Interest Income		6,700	6,000	25,400	19,400	323.3%					
Arts Center Revenues (1)		_	4,300	_	(4,300)	-100.0%					
Total Non-Operating Revenue	\$	84,900	87,300	102,400	15,100	17.3%					
Total Revenue	\$	2,266,200	2,298,400	2,468,700	170,300	7.4%					

<sup>(1)</sup> The revenue line "Art Center Revenues" was combined with "Miscellaneous Revenue" as of the Annual Comprehensive Report dated December 31, 2021 which was finalized after the production of the 2022 budget. Budgeted Arts Center Revenue of \$4.3 million is included in the Miscellaneous Revenue Line in the 2023 budget and Actual Arts Center Revenue of \$4.4 million is included in the Miscellaneous Revenue Line in 2021.

#### **Key Assumptions:**

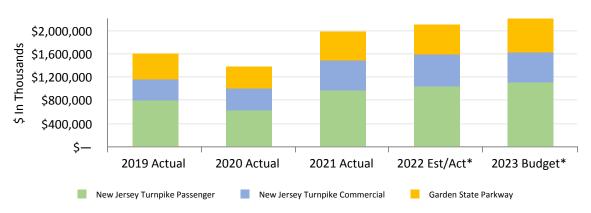
- Toll Revenue is increasing by 6.3% compared to the prior year budget due primarily to the anticipated continued traffic increases as travel patterns continue to return to pre-pandemic levels as well as toll rate indexing at 3%, effective January 1, 2023.
- Fees are budgeted to increase in total by 20% in 2023 based on the estimated actuals of 2022, which are exceeding budget primarily due to more E-ZPass membership and administrative fees
- Interest Income is budgeted to increase in 2023 based upon an increase in interest rates as experienced in 2022
- Concession Revenue is slightly increasing due to continued increases in travel and sales volumes which are recovering from COVID-19 lows
- No significant change in budget assumptions for Miscellaneous and Federal Subsidy for Build America Bonds Revenues

## **Toll Statistics**

Toll Revenue by Vehicle Type and Roadway										
(\$ In Thousands)	201	L9 Actual	2020 Actual	2021 Actual	2022 Est/Act*	2023 Budget*				
Passenger	\$	816,300	633,500	985,100	1,052,500	1,117,400				
Commercial <sup>(1)</sup>		360,200	381,400	508,500	540,800	521,300				
New Jersey Turnpike Total	\$	1,176,500	1,014,900	1,493,600	1,593,300	1,638,700				
Garden State Parkway (2)		435,800	372,500	505,200	526,900	557,700				
<b>Total Authority Toll Revenue</b>	\$	1,612,300	1,387,400	1,998,800	2,120,200	2,196,400				

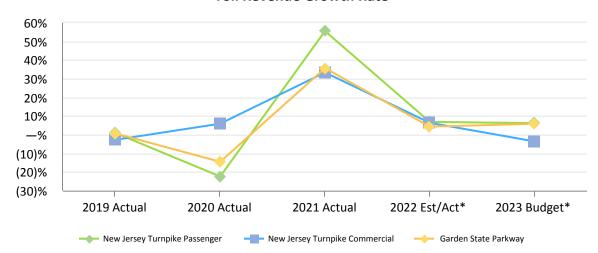
<sup>(1)</sup> Commercial vehicles include buses

#### Toll Revenue by Vehicle Type and Roadway



<sup>\*</sup>Projected traffic is based on the July 22, 2022 CDM Smith Drawn Down Letter updating the September 21, 2018 Toll Revenue Forecast

#### **Toll Revenue Growth Rate**



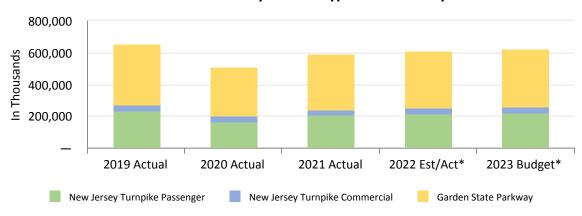
<sup>\*</sup> Projected traffic is based on the July 22, 2022 CDM Smith Draw Down Letter updating the September 21, 2018 Toll Revenue Forecast

<sup>(2)</sup> Commercial vehicles (including buses) are not shown separately as they account for less than 4% of total
\*Projected traffic is based on the July 22, 2022 CDM Smith Draw Down Letter updating the September 21, 2018 Toll Revenue Forecast

Toll Transactions by Vehicle Type and Roadway										
(In Thousands)	2019 Actual	2020 Actual	2021 Actual	2022 Est/Act*	2023 Budget*					
Passenger	233,500	166,300	205,800	215,900	223,200					
Commercial <sup>(1)</sup>	34,300	32,300	35,700	36,800	34,100					
New Jersey Turnpike Total	267,800	198,600	241,500	252,700	257,300					
Garden State Parkway <sup>(2)</sup>	386,800	308,500	353,000	359,300	366,900					
Total Authority Toll Transactions	654,600	507,100	594,500	612,000	624,200					

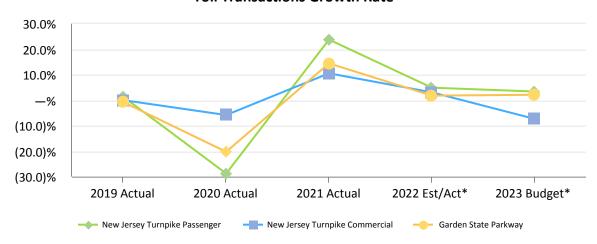
<sup>(1)</sup> Commercial vehicles include buses

#### Toll Transactions by Vehicle Type and Roadway



<sup>\*</sup>Projected traffic is based on the July 22, 2022 CDM Smith Draw Down Letter updating the September 21, 2018 Toll Revenue Forecast

#### **Toll Transactions Growth Rate**



<sup>\*</sup>Projected traffic is based on the July 22, 2022 CDM Smith Draw Down Letter updating the September 21, 2018 Toll Revenue Forecast

<sup>(2)</sup> Commercial vehicles (including buses) are not shown separately as they account for less than 4% of total

<sup>\*</sup>Projected traffic is based on the July 22, 2022 CDM Smith Draw Down Letter updating the September 21, 2018 Toll Revenue Forecast

# Operating Expenses (2023 Annual Budget p57)

Condensed Operating Expenses by Functional Area									
			\$ Δ from	% Δ from					
(\$ in Thousands)	2021 Actuals	2022 Budget	2023 Budget	2022 Budget	2022 Budget				
Maintenance of Infrastructure	\$ 229,788	273,166	294,220	21,054	7.7%				
Toll Collection	179,161	192,021	204,877	12,856	6.7%				
Traffic Control & State Police	110,015	124,252	125,957	1,706	1.4%				
Technology	23,448	25,877	28,780	2,903	11.2%				
General & Administrative	45,962	56,323	59,910	3,587	6.4%				
Total Operating Expenses	\$ 588,374	671,639	713,744	42,105	6.3%				

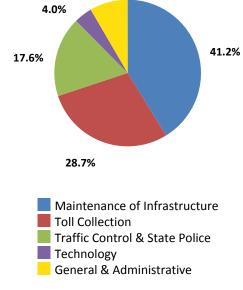
<sup>-</sup> Totals may not add due to rounding

Condensed Operating Expenses by Type									
				\$ Δ from	% Δ from				
(\$ In Thousands)	2021 Actuals	2022 Budget	2023 Budget	2022 Budget	2022 Budget				
Personnel Costs	\$ 282,819	323,091	337,681	14,589	4.5%				
Materials & Supplies	41,200	52,982	57,869	4,888	9.2%				
Services	219,211	245,705	262,237	16,532	6.7%				
Maintenance & Fixed Costs	35,150	40,425	45,474	5,050	12.5%				
Equipment	9,994	9,437	10,484	1,047	11.1%				
Total Operating Expenses	otal Operating Expenses \$ 588,374 671,639 713,744 42,105 6.3%								

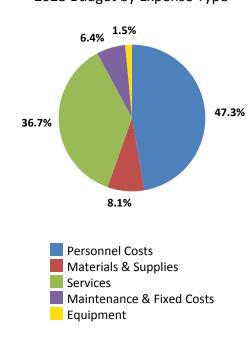
<sup>-</sup> Totals may not add due to rounding



8.4%



## 2023 Budget by Expense Type



# **Operating Expenses - Authorized Positions**

Αι	uthorized P	ositions		
				Δ from
Departments/Divisions	2021	2022	2023	2022
Maintenance Division	982	982	987	5
Traffic Division	87	88	88	-
Operations Department	1,069	1,070	1,075	5
Engineering	84	84	79	(5)
Toll Collection	542	542	542	_
State Police	28	28	28	_
Information Technology Services	151	150	152	2
Executive Office	8	9	10	1
Law & Insurance Services	21	21	20	(1)
Procurement & Materials Management	55	56	57	1
Human Resources & Office Services	42	43	42	(1)
Finance	79	80	80	_
Community & Government Relations	10	10	10	_
Internal Audit	31	30	30	_
Subtotal	2,120	2,123	2,125	2
Contingency	5	5	5	_
Total Authorized Positions	2,125	2,128	2,130	2

Overall, 2023 authorized positions are essentially flat. Two positions are added to restore contingent positions used during 2022.

- The Maintenance Division of the Operations Department increased by five positions, representing employees transferred from the Engineering Department. The two positions used from contingency during the year were transferred to the Procurement and Materials Management (1) and the ITS (1) Departments. ITS had an employee transferred in from Law, while Executive Office had a vacant position transferred in from Human Resources.
- Contingent positions have been replenished to five and remain in the budget to account for any staffing needs that may arise during the year

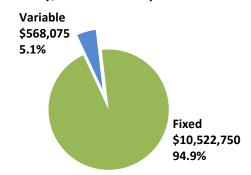
## **Debt Service** (2023 Annual Budget p109)

Debt Service is budgeted to increase in 2023 by \$55.3 million due to an increase in both interest expense and principal payments. The 2023 budget provides for a full year of interest payments on the assumed new money issuance in 2022 of \$700.0 million and a full year of interest payments for new money issuance of \$1.0 billion to fund the Authority's various Capital Improvement Programs. Interest expense will increase by \$28.9 million in 2023 due to interest on the new money issuances offset by the maturity of Series 2012B, Series 2013A, Series 2016B, and Series 2016C. There is also an increase in principal payments of about \$26.4 million when comparing the 2023 budget to the 2022 budget. The 2023 budget includes an increase in transfers from the construction fund, which represent capitalized interest (bond proceeds deposited into the construction fund at the time of bond closing) from the budgeted 2022B and 2023A new money bonds.

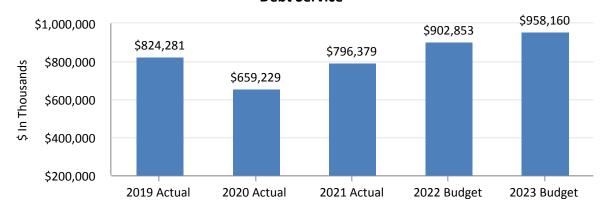
Debt Service											
(\$ In Thousands)	2021 Actual	2022 Budget	2023 Budget	\$ Δ from 2022 Budget	% Δ from 2022 Budget						
Debt Service Interest Payments	\$ 576,594	611,803	640,670	28,867	4.7%						
Debt Service Principal Payments	219,785	291,050	317,490	26,440	9.1%						
Total Debt Service	Total Debt Service \$ 796,379 902,853 958,160 55,307 6.1%										

<sup>\*</sup>Total 2023 Budget for Debt Service includes payments made from capitalized interest of \$85 million

# Total Bonds Outstanding \$11.1 Billion as of September 30, 2022 (\$ In Thousands)



#### **Debt Service**



#### **Debt Reserve** (2023 Annual Budget p116)

The Debt Reserve is expected to have an increase in its fund balance in 2023, as bond proceeds will be deposited to meet increased Debt Reserve requirements from the anticipated additional bonds to be issued.

Debt Reserve Fund Balance									
				\$ Δ from	% Δ from				
(\$ In Thousands)	2021 Actual	2022 Est/ Actual	2023 Budget	2022 Est/ Actual	2022 Est/ Actual				
Beginning Balance	\$ 599,018	600,202	600,536	334	0.1%				
Amortized Value Adjustment	1,184	334	23	(311)	(93.1)%				
Bond Proceeds	_	_	40,109	40,109	100.0%				
Ending Balance	\$ 600,202	600,536	640,668	40,132	6.7%				

### **General Reserve** (2023 Annual Budget p117)

General Reserve has a 2023 budget of \$759.8 million, which includes \$699.8 million in spending and \$60.0 million in net transfers out. This represents an increase of approximately \$74.0 million from the 2022 budget. The most significant increase comes from payments totaling \$605.5 million on the new State Public Transportation Projects Funding Agreement that began on July 1, 2021. The agreement is on a state fiscal year basis. The \$605.5 million represents one-half of the \$746.0 million for state FY 2023 and one-half of the \$465.0 million for state FY 2024. The total State Payments of \$640.0 million include the new agreement, as well as two other existing agreements: the Transportation Trust Fund and the Feeder Road Reimbursement Agreements. It also includes assumed payments for the Gateway Project Tunnel of approximately \$10.0 million. It is assumed that the State Public Transportation Projects Funding Agreement will be amended to provide funding to the State for the Gateway Project Tunnel. The amount budgeted in 2023 is the assumed annual contribution by the State to fund the operations of the Gateway Development Corporation during the 10-year construction period. The 2023 budget also includes \$32.3 million for state of emergency events and \$15.0 million in reserves for Other Post-Employment Benefits (OPEB).

	General Reserve										
		2021	2022	2023	\$ Δ from	% Δ from					
(\$ In Thousands)		Actual	Budget	Budget	2022	2022					
Spending											
Extraordinary Events	\$	18,527	32,295	32,295	-	-%					
State Payments		264,000	572,500	640,000	67,500	11.8%					
All Other		15,030	21,050	27,550	6,500	30.9%					
Total Spending	\$	297,557	625,845	699,845	74,000	11.8%					
Transfers											
Transfers Out		74,900	60,000	60,000	_	-%					
Total Transfers - Net	\$	74,900	60,000	60,000	_	<b>-</b> %					
Total General Reserve	\$	372,457	685,845	759,845	74,000	10.8%					

<sup>-</sup> Totals may not add due to rounding

# Capital Spending Program (2023 Annual Budget p121)

The Authority's 2023 Annual Budget includes its Capital Spending Program, presented on a rolling five-year basis, with spending included for the years 2023-2027. The Capital Spending Program includes revenue funded projects, as well as bond funded projects. The revenue funded capital projects, referred to as the Capital Budget, include projects in the Maintenance Reserve Fund, the Special Project Reserve Fund, and the Supplemental Capital Program. The bond funded capital projects, referred to as the Construction Fund, include the 2023-2027 Capital Improvement Program, the 2019 Capital Improvement Program, and the 2008 \$7 Billion Capital Improvement Program. These capital projects are presented on a rolling five-year (2023-2027) spending basis along with their respective total project budgets. Each year, a new rolling five-year spending plan will be approved with the changes, if any, to the total project budgets, as a part of the annual budget approval process.

Driving the Capital Spending Program are the planned awards, construction contracts, and orders for professional services for design, supervision, and construction of the projects included within the program. In 2023, the Authority plans to award nearly \$1.3 billion for these projects, a 26.5% increase from 2022 awards.

Pl	Planned Awards, Construction Contracts, and Order for Professional Services								
	(\$ In Thousands)	2021 Awards	2021 Award \$	2022 Awards	2022 Award \$	2023 Awards	2023 Award \$		
Fund	Fund Name	Act	tual	Bu	dget	Bu	dget		
500	2023-2027 Capital Improvement Program	48	\$ 581,587	36	\$ 801,250	41	\$1,214,750		
392	2019 Capital Improvement Program	4	118,864	_	_	_	_		
400	Supplemental Capital Program	3	24,924	2	38,100	2	2,800		
049	Special Project Reserve Fund	4	2,928	3	23,600	1	5,900		
039	Maintenance Reserve Fund	21	108,942	28	158,300	10	68,400		
	Totals	80	\$ 837,245	69	\$1,021,250	54	\$1,291,850		

2008 Capital Improvement Program has been fully awarded and not listed in the above chart

The 2023 rolling five-year Capital Spending Program includes \$7.0 billion to be spent during 2023-2027 or an average of \$1.4 billion per year. Approximately 27.8%, or \$1.9 billion, will be funded from revenue, leaving 72.2%, or \$5.1 billion to be funded by bond proceeds. Of the total \$7.0 billion to be spent, 27.1% is budgeted to be spent on Bridge Construction, Preservation, and Security, while 31.3% is for Capacity Enhancements on both roadways. These, along with 16.7% that is budgeted to be spent on Pavement Resurfacing and Other Roadway Improvements, combine for a total of 75.1% of the budgeted spending.

Capital Spending Program -	<b>–</b> (	Spendin	g by Cate	gory or Fu	nctional A	Area
		2021	2022	2023	\$ Δ from	% Δ from
(\$ In Thousands)		Actual	Budget	Budget	2022	2022
Capitalized Projects by Category						
Roadway						
Bridge Construction, Preservation & Security	\$	199,522	355,534	583,691	228,157	64.2%
Capacity Enhancements - Turnpike		16,564	42,636	40,749	(1,887)	(4.4)%
Capacity Enhancements - Parkway		161	500	3,449	2,949	589.8%
Pavement Resurfacing		64,992	111,789	146,946	35,157	31.4%
Interchanges		43,341	24,462	7,701	(16,761)	(68.5)%
Concrete Barrier		17,738	9,338	12,821	3,483	37.3%
Drainage Structures		17,981	79,001	99,435	20,434	25.9%
Roadway Lighting		22,936	18,217	45,668	27,451	150.7%
Other Roadway Improvements		58,045	114,270	109,183	(5,087)	(4.5)%
Total Roadway	\$	441,279	755,747	1,049,643	293,896	38.9%
Non-Roadway						
Facilities	\$	20,603	49,014	71,300	22,286	45.5%
Fleet		6,857	36,430	50,598	14,168	38.9%
Service Areas & Arts Center		13,099	48,257	34,396	(13,861)	(28.7)%
Technology Improvements	L	39,820	65,121	54,226	(10,895)	(16.7)%
Total Non-Roadway	\$	80,379	198,822	210,520	11,699	5.9%
Total Capitalized Projects	\$	521,658	954,569	1,260,163	305,594	32.0%
Expensed Projects by Functional Area					•	
Maintenance of Infrastructure	\$	2,025	4,960	11,774	6,814	137.4%
Traffic Control & State Police		860	1,437	2,046	609	42.4%
Technology		4,057	7,619	5,173	(2,446)	(32.1)%
General & Administrative		262	590	1,780	1,190	201.7%
Total Expensed Projects	\$	7,204	14,606	20,773	6,167	42.2%
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Ė		<u> </u>			
Total Spending (Capitalized+Expensed)	<b>Ş</b>	528,862	969,173	1,280,936	311,763	32.2%

<sup>-</sup> Totals may not add due to rounding

Capital Spendin	g l	Progran	n — Fundi	ing Source	es	
		2021	2022	2023	\$ Δ from	% Δ from
(\$ in Thousands)		Actual	Budget	Budget	2022	2022
Revenue Funded						
Maintenance Reserve Fund	\$	115,920	219,787	278,797	59,010	26.8%
Special Project Reserve Fund		24,920	76,137	109,346	33,209	43.6%
Supplemental Capital Program		42,707	74,950	51,679	(23,271)	(31.0)%
Total Revenue Funded	\$	183,547	370,875	439,822	68,947	18.6%
Bond Funded						
2023-2027 Capital Improvement Program	\$	81,032	351,630	608,468	256,838	73.0%
2019 Capital Improvement Program		182,310	172,507	129,645	(42,862)	(24.8)%
2008 \$7 Billion Capital Improvement Program		81,972	74,160	103,001	28,841	38.9%
Total Bond Funded	\$	345,315	598,297	841,114	242,818	40.6%
Total Funding Sources	\$	528,862	969,173	1,280,936	311,763	32.2%

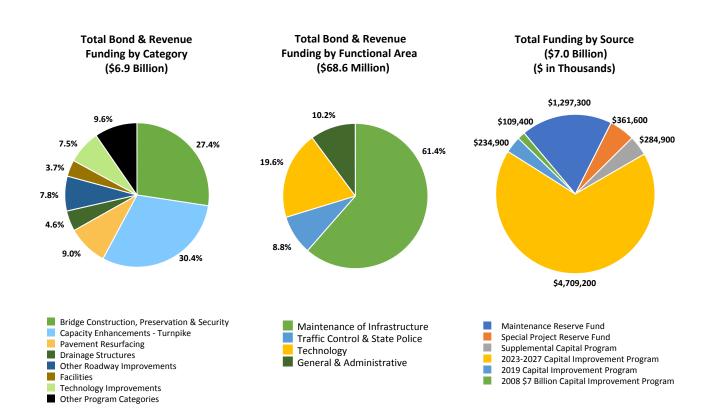
<sup>-</sup> Totals may not add due to rounding

2023-2027 Rolling 5-Ye	2023-2027 Rolling 5-Year Capital Spending Program by Category or Functional Area Revenue Funded and Bond Funded									
				ng Plan						
(\$ In Thousands)	2023	2024	2025	2026	2027	Total				
Capitalized Projects by Cat	egory									
Roadway										
Bridge Construction, Preservation & Security	\$ 583,691	530,522	392,538	210,753	181,676	1,899,180				
Capacity Enhancements - Turnpike	40,749	103,317	212,183	500,807	1,249,990	2,107,046				
Capacity Enhancements - Parkway	3,449	4,042	_	34,481	42,816	84,788				
Pavement Resurfacing	146,946	99,336	125,022	126,000	128,000	625,304				
Interchanges	7,701	4,064	_	_	_	11,765				
Concrete Barrier	12,821	56,771	32,280	13,648	13,596	129,116				
Drainage Structures	99,435	64,763	55,099	51,489	46,127	316,913				
Roadway Lighting	45,668	41,980	31,786	29,777	32,006	181,217				
Other Roadway Improvements	109,183	173,004	135,997	71,187	51,436	540,807				
Total Roadway	\$ 1,049,643	1,077,799	984,905	1,038,142	1,745,647	5,896,136				
Non-Roadway										
Facilities	\$ 71,300	61,345	56,024	32,742	33,805	255,216				
Fleet	50,598	33,470	34,380	35,974	37,542	191,964				
Service Areas & Arts Center	34,396	9,048	10,181	8,444	3,314	65,383				
Technology Improvements	54,226	38,447	92,621	156,207	178,472	519,973				
Total Non-Roadway	\$ 210,520	142,310	193,206	233,367	253,133	1,032,536				
	T	T	T		T	T				
Total Capitalized Projects	\$ 1,260,163	1,220,109	1,178,111	1,271,509	1,998,780	6,928,672				
Expensed Projects by Func	tional Area									
Maintenance of Infrastructure	\$ 11,774	8,450	7,310	5,250	9,370	42,154				
Traffic Control & State Police	2,046	1,000	1,000	1,000	1,000	6,046				
Technology	5,173	2,367	2,143	2,464	1,288	13,435				
General & Administrative	1,780	2,639	1,049	747	749	6,964				
Total Expensed Projects	\$ 20,773	14,456	11,502	9,461	12,407	68,599				
Total Spending (Capitalized+Expensed)	  \$1,280,936	1,234,565	1,189,613	1,280,970	2,011,187	6,997,271				

<sup>-</sup> Totals may not add due to rounding

2023-2027 R	olling	5-Y	ear Capita	al Spendir	ng Prograi	m		
Funding Sources								
(\$ In Thousands)	(\$ In Thousands) Spending Plan							
Revenue Funded	202	3	2024	2025	2026	2027	Total	
Maintenance Reserve Fund	\$ 278	3,797	228,758	260,197	262,794	266,710	1,297,256	
Special Project Reserve Fund	109	9,346	71,778	61,416	57,248	61,812	361,600	
Supplemental Capital Program	5:	1,679	68,014	61,458	50,331	53,394	284,876	
Total Revenue Funded	\$ 439	,822	368,550	383,071	370,373	381,916	1,943,732	
Bond Funded	202	3	2024	2025	2026	2027	Total	
2023-2027 Capital Improvement Program	\$ 60	3,468	795,142	777,481	901,132	1,626,987	4,709,210	
2019 Capital Improvement Program	129	9,645	67,629	27,410	7,923	2,284	234,891	
2008 \$7 Billion Capital Improvement Program	10	3,001	3,244	1,651	1,542	_	109,438	
Total Bond Funded	\$ 841	,114	866,015	806,542	910,597	1,629,271	5,053,539	
Total Capital Spending	\$ 1,280	,936	1,234,565	1,189,613	1,280,970	2,011,187	6,997,271	
Percentage Revenue Funded	34.3	8%	29.9%	32.2%	28.9%	19.0%	27.8%	
Percentage Bond Funded	65.7	<b>'</b> %_	70.1%	67.8%	71.1%	81.0%	72.2%	

<sup>-</sup> Totals may not add due to rounding



# Capital Budget (Revenue Funded) (2023 Annual Budget p128)

The 2023 Capital Budget includes the Maintenance Reserve Fund, the Special Project Reserve Fund, and the Supplemental Capital Program. The Capital Budget primarily supports the spending for the maintenance of both roadways and bridges, scheduled fleet replacement based on target lifecycles, and several multi-year capital program projects; such as pavement repairs, replacement of toll collection equipment, etc. The spending from the Maintenance Reserve Fund and Special Project Reserve Fund is funded by the Authority's revenue after paying for the operating expenses and debt service. These two funds are separate funds established by the Authority's Bond Resolution. The spending from the Supplemental Capital Program is funded by transfers from the General Reserve Fund. This program is a separate account from the Construction Fund. The Construction Fund is established by the Authority's Bond Resolution.

Capital Budget — Spending by Category or Functional Area									
	202	21	2022	2023		\$ Δ from	% Δ from		
(\$ In Thousands)	Actu	ıal	Budget	Budge	t	2022	2022		
Capitalized Projects by Category									
Roadway									
Bridge Construction, Preservation & Security	\$ 5	1,413	84,499	76,	830	(7,669)	(9.1)%		
Pavement Resurfacing	6	4,992	111,789	146,	946	35,157	31.4%		
Drainage Structures	ĺ	8,933	5,871	5,	421	(450)	(7.7)%		
Roadway Lighting	1	2,260	3,871	3,	214	(657)	(17.0)%		
Other Roadway Improvements		8,963	39,581	33,	746	(5,835)	(14.7)%		
Total Roadway	\$ 146	5,560	245,611	266,:	157	20,546	8.4%		
Non-Roadway									
Facilities	\$ 1	8,010	39,166	64,	812	25,646	65.5%		
Fleet		6,857	36,430	50,	598	14,168	38.9%		
Service Areas & Arts Center		_	17,750	9,	708	(8,042)	(45.3)%		
Technology Improvements		4,916	17,313	27,	774	10,461	60.4%		
Total Non-Roadway	\$ 29	9,783	110,658	152,8	892	42,233	38.2%		
Total Capitalized Projects	\$ 176	5,343	356,269	419,0	049	62,780	17.6%		
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	333,233	1 1 1 1 1		32,133			
<b>Expensed Projects by Functional Area</b>	a								
Maintenance of Infrastructure	\$	2,025	4,960	11,	774	6,814	137.4%		
Traffic Control & State Police		860	1,437	2,	046	609	42.4%		
Technology		4,057	7,619	5,	173	(2,446)	(32.1)%		
General & Administrative		262	590	1,	780	1,190	201.7%		
Total Expensed Projects	\$ 7	7,204	14,606	20,7	773	6,167	42.2%		
Total Spending (Capitalized+Expensed)		,547	370,875	439,8	322	68,947	18.6%		

<sup>-</sup> Totals may not add due to rounding

Capital Budget — Funding Sources										
		2021 2022 2023 \$ Δ from % Δ f								
(\$ In Thousands)		Actual	Budget	Budget	2022	2022				
Revenue Funded										
Maintenance Reserve Fund	\$	115,920	219,787	278,797	59,010	26.8%				
Special Project Reserve Fund		24,920	76,137	109,346	33,209	43.6%				
Supplemental Capital Program		42,707	74,950	51,679	(23,271)	(31.0)%				
Total Funding Sources \$ 183,547 370,875 439,822 68,947 18.6%										

2023-2027 Rolling 5-Year Capital Budget by Category or Functional Area												
Revenue Funded												
		Spending Plan										
(\$ In Thousands)	2023	2024	2025	2026	2027	Total						
Capitalized Projects by C	Category											
Roadway												
Bridge Construction, Preservation & Security	\$ 76,830	82,537	87,161	87,965	88,030	422,523						
Pavement Resurfacing	146,946	99,336	125,022	126,000	128,000	625,304						
Drainage Structures	5,421	5,517	5,682	5,853	6,028	28,501						
Roadway Lighting	3,214	3,310	3,409	3,512	3,617	17,062						
Other Roadway Improvements	33,746	42,421	38,803	46,330	51,436	212,736						
Total Roadway	\$ 266,157	\$ 233,121	260,077	269,660	277,111	1,306,126						
Non-Roadway												
Facilities	\$ 64,812	61,345	56,024	32,742	33,805	248,728						
Fleet	50,598	33,470	34,380	35,974	37,542	191,964						
Service Areas & Arts Center	9,708	536	536	536	1,051	12,367						
Technology Improvements	27,774	25,622	20,552	22,000	20,000	115,948						
Total Non-Roadway	\$ 152,892	120,973	111,492	91,252	92,398	569,007						
Total Capitalized Projects	\$ 419,049	354,094	371,569	360,912	369,509	1,875,133						
Expensed Projects by Fu	nctional Ar	ea										
Maintenance of Infrastructure	\$ 11,774	8,450	7,310	5,250	9,370	42,154						
Traffic Control & State Police	2,046	1,000	1,000	1,000	1,000	6,046						
Technology	5,173	2,367	2,143	2,464	1,288	13,435						
General & Administrative	1,780	2,639	1,049	747	749	6,964						
Total Expensed Projects	\$ 20,773	14,456	11,502	9,461	12,407	68,599						
Total Spending (Capitalized+Expensed)	\$ 439,822	368,550	383,071	370,373	381,916	1,943,732						

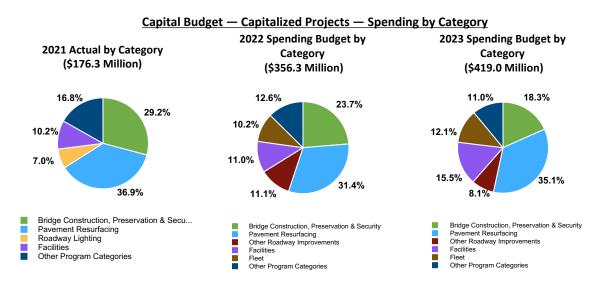
<sup>-</sup> Totals may not add due to rounding

Capital Budget — Funding Sources											
(\$ In Thousands)		Spending Plan									
Revenue Funded		2023	2024	2025	2026	2027	Total				
Maintenance Reserve Fund	\$	278,797	228,758	260,197	262,794	266,710	1,297,256				
Special Project Reserve Fund		109,346	71,778	61,416	57,248	61,812	361,600				
Supplemental Capital Program		51,679	68,014	61,458	50,331	53,394	284,876				
Total Revenue Funded	\$	439,822	368,550	383,071	370,373	381,916	1,943,732				

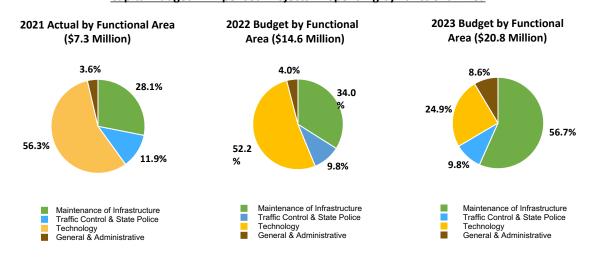
<sup>-</sup> Totals may not add due to rounding

## Capital Budget – Revenue Funded – Spending by Category or Functional Area

The Capital Budget includes all revenue funded capital projects contained in the Maintenance Reserve Fund, Special Project Reserve Fund, and Supplemental Capital Program. The 2023 spending budget is \$439.8 million, an increase of \$68.9 million in comparison to the 2022 spending budget. The 2023 spending budget includes 33.4% for Pavement Resurfacing, 17.5% for Bridge Construction, Preservation, and Security, and 14.7% for Facilities. Together they combine for a total of 68.9% of 2023 capitalized project spending. Maintenance of Infrastructure accounts for 56.7% of 2023 expensed projects.



Capital Budget — Expensed Projects — Spending by Functional Area



## **Maintenance Reserve Fund**

The Maintenance Reserve Fund primarily supports spending for the maintenance and resurfacing of roadways and bridges on both the Turnpike and Parkway. These projects have a combined spending budget for 2023 of \$278.8 million, and a rolling five-year spending plan of \$1.3 billion. The spending budget for 2023 is increasing by 26.8% compared to 2022, and includes funding primarily for Bridge Construction, Preservation, and Security, and Pavement Resurfacing. The 2023 Maintenance Reserve Fund also includes several projects that address facilities repairs and upgrades, including major building, roofing, and utility replacements. The majority of the increase in spending in 2023 is for pavement resurfacing on both roadways, which is increasing by over \$59.4 million. The increase in spending is also impacted by assumed inflation of 7.0%.

Maintenance Reserve Fund — Spending by Category											
		2021	2022	2023	\$ Δ from	% Δ from					
(\$ In Thousands)		Actual	Budget	Budget	2022	2022					
Capitalized Projects by Category											
Roadway											
Bridge Construction, Preservation & Security	\$	51,059	82,459	76,830	(5,629)	(6.8)%					
Pavement Resurfacing		42,795	87,053	146,431	59,378	68.2%					
Drainage Structures		8,933	5,871	5,421	(450)	(7.7)%					
Roadway Lighting		12,245	3,871	3,214	(657)	(17.0)%					
Other Roadway Improvements		888	19,506	15,102	(4,404)	(22.6)%					
Total Roadway	\$	115,920	198,760	246,998	48,238	24.3%					
Non-Roadway	Non-Roadway										
Facilities	\$	_	21,028	31,799	10,771	51.2%					
Total Non-Roadway	\$		21,028	31,799	10,771	51.2%					
Total Spending (Capitalized) \$ 115,920   219,787   278,797   59,009   26.8%											

<sup>-</sup> Totals may not add due to rounding

Maintenance Reserve Fund											
2023-202	7 Rolling	5-Year S	pending	Plan by (	Category		Prior LTD	Total Project Budget			
(\$ In Thousands)	2023	2024	2025	2026	2027	Total 5-Year	Spending				
<b>Capitalized Projects</b>	by Catego	ry									
Roadway											
Bridge Construction, Preservation & Security	\$ 76,830	82,537	87,161	87,965	88,030	422,523	195,872	618,395			
Pavement Resurfacing	146,431	99,336	125,022	126,000	128,000	624,789	215,328	840,117			
Drainage Structures	5,421	5,517	5,682	5,853	6,028	28,501	34,193	62,694			
Roadway Lighting	3,214	3,310	3,409	3,512	3,617	17,062	24,491	41,553			
Other Roadway Improvements	15,102	14,797	15,627	15,469	16,319	77,314	9,268	86,582			
Total Roadway	\$246,998	205,497	236,901	238,799	241,994	1,170,189	479,152	1,649,341			
Non-Roadway											
Facilities	\$ 31,799	23,261	23,296	23,995	24,716	127,067	9,894	136,961			
Total Non-Roadway	\$ 31,799	23,261	23,296	23,995	24,716	127,067	9,894	136,961			
_					·	· · · · · · · · · · · · · · · · · · ·	·				
Total Spending (Capitalized)		228,758	260,197	262,794	266,710	1,297,256	489,046	1,786,302			

<sup>-</sup> Totals may not add due to rounding

Mainto	Maintenance Reserve Fund - Significant Project Budgets											
(\$ In Thousands)			Spend	l Plan			Prior LTD	Total				
	2023	2024	2025	2026	2027	Rolling 5-Year	Spending	Project Budget				
Capitalized Projects												
Prior Approved Project	ts											
GSP Resurfacing Section 4	\$ 42,230	-	_	-	_	42,230	_	42,230				
TPK Resurfacing Section 4 MP 35-48	38,110	_	_	_	_	38,110	_	38,110				
GSP Resurfacing Section 14	26,059					26,059	_	26,059				
TPK Resurfacing Section 2 MP 12-24	22,660	_	_	_	_	22,660	_	22,660				
TPK Bridge Repair Milepost 92-122 & NBHCE 2021-2023	20,079	31		_		20,110	35,872	55,982				
TPK Bridge Repair Milepost 0-92 PHM Extension 2021-2023	14,731	21	_	_	_	14,752	27,733	42,485				
Roadside Barrier Imp 2023	5,356			_		5,356	_	5,356				
Roadway Improvements & Repairs 2023	5,356	_	_	_		5,356	_	5,356				
Major Building Improvements 2023	4,998			_		4,998	_	4,998				
All Other Prior Approved Projects	92,338	228,062	260,197	262,794	266,710	1,110,101	425,314	1,535,415				
Total Prior Approved Projects	\$ 271,917	228,114	260,197	262,794	266,710	1,289,732	488,919	1,778,651				
New Projects	T											
HQ Elevator Replacement	\$ 4,380	644			<u> </u>	5,024	127	5,151				
All Other New Projects  Total New Projects	2,500	644			_	2,500		2,500				
TOTAL NEW PROJECTS	\$ 6,880	644			_	7,524	12/	7,651				
Total Projects	\$ 278 797	228,758	260,197	262,794	266,710	1,297,256	489,046	1,786,302				
Totals may not add due to roundi		220,730	200,137	202,737	200,710	-,237,230	703,040	-,,,,,,,,,,				

<sup>-</sup> Totals may not add due to rounding

## **Special Project Reserve Fund**

The Special Project Reserve Fund has a 2023 spending budget of over \$109.4 million and a rolling five-year spending plan of nearly \$361.6 million. The spending for 2023 is increasing 43.6% compared to 2022. The 2023 Special Project Reserve Fund provides spending for the Authority's major scheduled fleet replacement program. The increase in Fleet in 2023 is due in large part to vehicle delivery delays rolling over from 2022, as well as significant vehicle price increases between 25-33% across all new purchases. Technology Improvements are increasing with the carryover of initiatives such as the Advanced Traffic Management System, Statewide Traffic Management Center (STMC), Uninterruptible Power Supply (UPS) Replacements, as well as the continued implementation of Capital Program Management System and the Phase 2 of the Enterprise Asset Management System. Maintenance of Infrastructure is increasing mainly due to the Turnpike Westerly Alignment Capacity Enhancement Study, the Phase II Bridge Hydraulic Analysis, and the Facility Improvements Assessment. A portion of the increase in spending is also due to inflation assumed at 7.0%.

Special Project Reserve Fun	d — Spen	ding by Ca	tegory or	Functiona	l Area
	2021	2022	2023	\$ Δ from	% Δ from
(\$ In Thousands)	Actual	Budget	Budget	2022	2022
Capitalized Projects by Category					
Roadway					
Bridge Construction, Preservation & Security	\$ —	2,040	_	(2,040)	(100.0)%
Other Roadway Improvements	277	1,134	5,103	3,969	350.0%
Total Roadway	\$ 277	3,174	5,103	1,929	60.8%
Non-Roadway					
Facilities	\$ 8,175	14,965	18,611	3,646	24.4%
Fleet	6,857	36,430	50,598	14,168	38.9%
Technology Improvements	2,662	6,963	14,261	7,298	104.8%
Total Non-Roadway	\$ 17,694	58,358	83,470	25,112	43.0%
Total Capitalized Projects	\$ 17,971	61,531	88,573	27,041	43.9%
Expensed Projects by Functional Are	a				
Maintenance of Infrastructure	\$ 2,123	4,960	11,774	6,814	137.4%
Traffic Control & State Police	860	1,437	2,046	609	42.4%
Technology	3,704	7,619	5,173	(2,446)	(32.1)%
General & Administrative	262	590	1,780	1,190	201.7%
Total Expensed Projects	\$ 6,949	14,606	20,773	6,167	42.2%
	_	_			_
Total Spending (Capitalized+Expensed)	\$ 24,920	76,137	109,346	33,209	43.6%

<sup>-</sup> Totals may not add due to rounding

	Special Project Reserve Fund												
2023-2027 Rolling 5-Y	'ea	ar Spe	nding Pl Area	an by Ca	ategory	or Func	tional	Prior LTD	Total Project				
(\$ In Thousands)		2023	2024	2025	2026	2027	Total 5-Year	Spending	Budget				
Capitalized Projects by Category													
Roadway													
Other Roadway Improvements	\$	5,103	6,600	7,000	6,750	6,800	32,253	1,969	34,222				
Total Roadway	\$	5,103	6,600	7,000	6,750	6,800	32,253	1,969	34,222				
Non-Roadway													
Facilities	\$	18,611	10,051	4,525	3,063	3,063	39,313	25,396	64,709				
Fleet		50,598	33,470	34,380	35,974	37,542	191,964	34,351	226,315				
Technology Improvements		14,261	7,201	4,009	2,000	2,000	29,471	10,781	40,252				
Total Non-Roadway	\$	83,470	50,722	42,914	41,037	42,605	260,748	70,528	331,276				
Total Capitalized Projects	\$ 8	88,573	57,322	49,914	47,787	49,405	293,001	72,497	365,498				
								-					
Expensed Projects by Funct	tior	nal Are	a										
Maintenance of Infrastructure	\$	11,774	8,450	7,310	5,250	9,370	42,154	5,231	47,385				
Traffic Control & State Police		2,046	1,000	1,000	1,000	1,000	6,046	3,512	9,558				
Technology		5,173	2,367	2,143	2,464	1,288	13,435	10,207	23,642				
General & Administrative		1,780	2,639	1,049	747	749	6,964	1,523	8,487				
Total Expensed Projects	\$ 2	20,773	14,456	11,502	9,461	12,407	68,599	20,473	89,072				
Total Spending (Capitalized+Expensed)		09,346	71,778	61,416	57,248	61,812	361,600	92,970	454,570				

<sup>-</sup> Totals may not add due to rounding

Special Project Res	erve ru						2448210	
(\$ In Thousands)			Spen	d Plan			Prior LTD	Total Project
	2023	2024	2025	2026	2027	Rolling 5-Year	Spending	Budget 2023
Capitalized Projects								
Prior Approved Projects								
Major Fleet Augmentation - Dump Trucks 2023-2027	\$ 6,890	7,801	8,191	8,600	9,030	40,512	_	40,51
Major Fleet Augmentation - Maintenance Vehicles 2023-2027	5,427	5,448	5,470	5,744	6,031	28,120	_	28,12
State Police Vehicles 2023-2027	5,100	4,500	4,500	4,600	4,600	23,300	_	23,30
Stormwater Pump House Replacement TPK MP 92	6,367	_			_	6,367	116	6,48
Pleasant Plains Sub-Barracks	454	3,038	731			4,223	1	4,22
Avalon Plains Sub-Barracks	454	3,038	731			4,223	1	4,22
All Other Prior Approved Capitalized Projects	61,525	34,136	30,930	29,843	30,744	187,178	72,379	259,55
Total Prior Approved Projects	\$ 86,217	57,961	50,553	48,787	50,405	293,923	72,497	366,42
Expensed Projects								
Total Nov. Drainata	\$ 2,356	361	361	_	_	3,078	_	3,07
Total New Projects	<del>y</del> =,000							
Total New Projects	<u>                                     </u>	<u></u>		-	•	<u> </u>		
-	\$ 88,573	58,322	50,914	48,787	50,405	297,001	72,497	369,49
-		58,322	50,914	48,787	50,405	297,001	72,497	369,49
Total Capitalized Project Budget	\$ 88,573		· · ·	· · · · · ·	· !			369,49
Total Capitalized Project Budget  Special Project Res (\$ In Thousands)	\$ 88,573		Significa	· · · · · · · · · · · · · · · · · · ·	· !		Budgets	Total
Total Capitalized Project Budget  Special Project Res	\$ 88,573		Significa	nt Exp	· !			Total Project Budget 2023
Special Project Res (\$ In Thousands)	\$ 88,573 serve Fu	und — S	Spen	ant Expe	ensed P	roject B	Budgets Prior LTD	Total Projec Budge
Special Project Res  (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed	\$ 88,573 serve Fu	und — S	Spen	ant Expe	ensed P	roject B	Budgets Prior LTD	Total Projec Budge 2023
Special Project Res (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed	\$ 88,573 serve Fu	und — \$	Spenda 2025	ant Expo	ensed P	Rolling 5-Year	Budgets Prior LTD Spending	Total Projec Budge 2023
Special Project Budget  Special Project Res (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed Projects	\$ 88,573 serve Fu	und — \$	Spenda 2025	ant Expo	ensed P	Rolling 5-Year	Budgets Prior LTD Spending	Total Projec Budge
Special Project Res  (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed Projects  New Projects	\$ 88,573 serve Fu	und — \$	Spenda 2025	ant Expo	ensed P	Rolling 5-Year	Budgets Prior LTD Spending	Total Projec Budge 2023
Special Project Res (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed Projects  New Projects  SSP Interchange 154 to 163 Operational mprovements Study	\$ 88,573 serve Fu	und — \$	Spenda 2025	ant Expo	ensed P	Rolling 5-Year	Budgets Prior LTD Spending	Total Project Budge 2023
Special Project Res  (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed Projects  New Projects  GSP Interchange 154 to 163 Operational Improvements Study  GSP Interchange 98 to 124 Needs	\$ 88,573 Serve Fu 2023 \$ 13,578	2024 9,919	Spend 2025 8,329	ant Expo	ensed P	Rolling 5-Year	Budgets Prior LTD Spending	Total Project Budge 2023 68,04
Special Project Res  (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed Projects  New Projects  GSP Interchange 154 to 163 Operational Improvements Study GSP Interchange 98 to 124 Needs Assessment	\$ 88,573 Serve Fu 2023 \$ 13,578	2024 9,919	Spend 2025 8,329	ant Expo	2027 7,287	Rolling 5-Year 47,574	Budgets Prior LTD Spending	Total Project Budge 2023 68,04
Special Project Res  (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed Projects  New Projects  GSP Interchange 154 to 163 Operational Improvements Study GSP Interchange 98 to 124 Needs Assessment  Phase II Bridge Hydraulic Analysis	\$ 88,573 Serve Fu 2023 \$ 13,578	2024 9,919	Spend 2025 8,329	ant Expo	2027 7,287	Rolling 5-Year  47,574  4,120  4,120	Budgets Prior LTD Spending	Total Projec Budge 2023
Special Project Res  (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed Projects  New Projects  GSP Interchange 154 to 163 Operational Improvements Study GSP Interchange 98 to 124 Needs Assessment Phase II Bridge Hydraulic Analysis Facility Improvements Assessment All Other New Expensed Projects	\$ 88,573 Serve Fu 2023 \$ 13,578 \$ - 1,545 1,256 4,394	2024 9,919 2,060 ———————————————————————————————————	2025  8,329  2,060  ——————————————————————————————————	ant Expo	2027 7,287	Rolling 5-Year  47,574  4,120  4,120  2,060  1,700  5,025	Budgets Prior LTD Spending	Total Project Budge 2023 68,04 4,12 2,06 1,70 5,02
Special Project Res  (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed Projects  Sep Interchange 154 to 163 Operational Improvements Study  GSP Interchange 98 to 124 Needs Assessment  Phase II Bridge Hydraulic Analysis Facility Improvements Assessment	\$ 88,573 Serve Fu 2023 \$ 13,578 \$ - 1,545 1,256 4,394	2024 9,919 2,060 — 515 444	2025 8,329	ant Expo	2027 7,287	Rolling 5-Year  47,574  4,120  4,120  2,060  1,700	Budgets Prior LTD Spending	Total Project Budge 2023 68,04 4,11 2,00 1,70 5,00
Special Project Res  (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed Projects  New Projects  GSP Interchange 154 to 163 Operational Improvements Study GSP Interchange 98 to 124 Needs Assessment Phase II Bridge Hydraulic Analysis Facility Improvements Assessment All Other New Expensed Projects	\$ 88,573 Serve Fu 2023 \$ 13,578 \$ - 1,545 1,256 4,394	2024 9,919 2,060 ———————————————————————————————————	2025  8,329  2,060  ——————————————————————————————————	ant Expo	2027  7,287  4,120 ————————————————————————————————————	Rolling 5-Year  47,574  4,120  4,120  2,060  1,700  5,025	Budgets Prior LTD Spending	Total Project Budge 2023 68,04 4,12 2,00 1,70 5,00
Special Project Res  (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed Projects  New Projects  GSP Interchange 154 to 163 Operational Improvements Study GSP Interchange 98 to 124 Needs Assessment Phase II Bridge Hydraulic Analysis Facility Improvements Assessment All Other New Expensed Projects	\$ 88,573 Serve Fu 2023 \$ 13,578 \$ - 1,545 1,256 4,394	2024 9,919 2,060 ———————————————————————————————————	2025  8,329  2,060  ——————————————————————————————————	ant Expo	2027  7,287  4,120 ————————————————————————————————————	Rolling 5-Year  47,574  4,120  4,120  2,060  1,700  5,025	Budgets Prior LTD Spending	Total Project Budge 2023 68,04 4,12 4,12 2,06 1,70
Special Project Res  (\$ In Thousands)  Expensed Projects  Total Prior Approved Expensed Projects  SSP Interchange 154 to 163 Operational Improvements Study SSP Interchange 98 to 124 Needs Assessment  Phase II Bridge Hydraulic Analysis Facility Improvements Assessment All Other New Expensed Projects  Total New Projects	\$ 88,573 Serve Fu 2023 \$ 13,578 \$ - 1,545 1,256 4,394 \$ 7,195	2024 9,919 2,060 ———————————————————————————————————	2025  8,329  2,060  113 2,173	ant Exped Plan 2026  8,461	2027  7,287  - 4,120 - 4,120 4,120	47,574  4,120  4,120  2,060  1,700  5,025  17,025	Prior LTD Spending  20,473	Total Project Budge 2023 68,04 4,1 2,0 1,7 5,0 17,0

<sup>-</sup> Totals may not add due to rounding

# **Supplemental Capital Program (Construction Fund – Revenue Funded)**

The Supplemental Capital Program has a 2023 spending budget of almost \$51.7 million and a rolling five-year spending plan of \$284.9 million. The spending budget for 2023 is decreasing by 31.0% compared to 2022 due to the completion of additional resurfacing projects on the Parkway in 2022, as well as less spending on the Vauxhall and Brookdale South Service Areas since they will be completed in 2023. The 2023 budget provides funding to begin several multi-year roadway and facility improvement projects such as those at the Traffic Management Center Administration Building, Chevalier Maintenance Sub-Yard, and Maintenance Districts 3, 5, and 9. Supplemental Capital will also provide funding for Arts Center projects after the Arts Center Long Range Plan is completed and work is prioritized. Finally, this program will be used to fund new technology improvement initiatives such as the Road Weather Information System (RWIS) Expansion, the Advanced Interactive Executive (AIX) Server Upgrade, and Tolling Legacy Parts Replacements. Although spending is decreasing in 2023, the project budgets include increases due to inflation assumed at 7.0% for 2023.

Supplemental Capital Prog	ra	m — Spe	ending by	Category o	r Function	al Area
		2021	2022	2023	\$ Δ from	% Δ from
(\$ In Thousands)		Actual	Budget	Budget	2022	2022
Capitalized Projects by Category						
Roadway						
Bridge Construction, Preservation & Security	\$	354	_	_	_	-%
Pavement Resurfacing		22,197	24,736	515	(24,221)	(97.9)%
Roadway Lighting		15	_	_	_	-%
Other Roadway Improvements		7,798	18,942	13,541	(5,401)	(28.5)%
Total Roadway	\$	30,363	43,678	14,056	(29,622)	(67.8)%
Non-Roadway						
Facilities	\$	9,835	3,173	14,402	11,229	353.9%
Service Areas & Arts Center		_	17,750	9,708	(8,042)	(45.3)%
Technology Improvements		2,254	10,350	13,513	3,163	30.6%
Total Non-Roadway	\$	12,089	31,273	37,623	6,350	20.3%
Total Capitalized Projects	\$	42,452	74,950	51,679	(23,272)	(31.0)%
<b>Expensed Projects by Functional A</b>	rea	a				
Maintenance of Infrastructure (1)	\$	(98)	_	_	_	-%
Technology	L	353	_		_	-%
Total Expensed Projects	\$	255	_	_	_	-%
Total Spending (Capitalized + Expensed)	\$	42,707	74,950	51,679	(23,272)	(31.0)%

<sup>-</sup> Totals may not add due to rounding

	Supplemental Capital Program												
2023-2027 Ro	_	ear Speunction	_	Plan by	Catego	ry or	Prior LTD	Future	Total Project				
(\$ In Thousands)	2023	2024	2025	2026	2027	Total 5-Year	Spending	Spending	Budget				
<b>Capitalized Project</b>	s by Cate	gory											
Roadway													
Pavement Resurfacing	\$ 515	-[	_	-	_	515	42,324	_	42,839				
Other Roadway Improvements	13,541	21,024	16,176	24,111	28,317	103,169	35,594	8,549	147,312				
Total Roadway	\$ 14,056	21,024	16,176	24,111	28,317	103,684	77,918	8,549	190,151				
Non-Roadway													
Facilities	\$ 14,402	28,033	28,203	5,684	6,026	82,348	19,127	2,575	104,050				
Service Areas & Arts Center	9,708	536	536	536	1,051	12,367	55,135	2,575	70,077				
Technology Improvements	13,513	18,421	16,543	20,000	18,000	86,477	19,469	_	105,946				
Total Non-Roadway	\$ 37,623	46,990	45,282	26,220	25,077	181,192	93,731	5,150	280,073				
Total Capitalized													
Projects	\$ <b>51,679</b>	68,014	61,458	50,331	53,394	284,876	171,649	13,699	470,224				

<sup>-</sup> Totals may not add due to rounding

Sup	plemer	ntal Ca	pital Pr	ogram	- Signi	ificant	Project B	udgets	
(\$ In Thousands)			Spend	d Plan			Prior LTD	Future	Total
	2023	2024	2025	2026	2027	Rolling 5-Year	Spending	Spending	Project Budget
Capitalized Proje	ects								
Prior Approve	d Projec	ts							
Chevalier Maintenance Sub- Yard	\$ 1,401	7,155	9,779	-	_	18,335	_	_	18,335
TMC Administration Building	1,236	6,934	9,888	173		18,231	_	_	18,231
Tremley Point Connector Road Design	5,912	3,708	2,379	1,051	309	13,359	5,677	_	19,036
Service Areas Vauxhall & Brookdale South	9,172	_	_	_	_	9,172	8,755	_	17,927
2022 HVAC & Boiler Replacement	4,206	_	_	_	_	4,206	_	_	4,206
TMD 3 - Storage Building	319	2,972	303			3,594	11	_	3,605
All Other Prior Approved Projects	10,596	33,960	30,489	41,000	32,000	148,045	157,206	_	305,251
Total Prior Approved Projects	\$32,842	54,729	52,838	42,224	32,309	214,942	171,649	_	386,591
New Projects									
Toll Facility Repairs	\$ 2,730	4,069	5,511	5,511	5,511	23,332			22 222
Emergency Services Upgrades		515	1,030	2,060	7,828	11,433		8,549	23,332
Tolling Legacy Parts Replacement	6,180	515	515	<i>,</i>	<i>/</i>	7,210			7,210
Interchange 9 HQ Site Redevelopment	422	3,183	_	_	_	3,605	_	_	3,605
All Other New Projects	_	_			_	_	_	5,150	38,053
<b>Total New Projects</b>	\$18,837	13,285	8,620	8,107	21,085	69,934		13,699	83,633
Total Projects	\$51,679	68,014	61,458	50,331	53,394	284,876	171,649	13,699	470,224

<sup>-</sup> Totals may not add due to rounding

# Construction Fund (Bond Funded) (2023 Annual Budget p145)

The 2023 Construction Fund includes the bond funded programs within the Capital Spending Program. The Construction Fund currently includes the 2023-2027 Capital Improvement Program, which was derived from the 2020 Long-Range Capital Plan, approved in May 2020, the 2019 Capital Improvement Program, approved in April 2019, and the 2008 \$7 Billion Capital Improvement Program approved in October 2008. These programs are funded through bond proceeds received from the issuance of Turnpike Revenue Bonds.

Construction	n ſ	Fund —	Spending l	oy Categoi	у	
		2021	2022	2023	\$ Δ from	% Δ from
(\$ In Thousands)	L	Actual	Budget	Budget	2022	2022
Capitalized Projects by Category						
Roadway						
Bridge Construction, Preservation & Security	\$	148,109	271,035	506,861	235,826	87.0%
Capacity Enhancements - Turnpike	l	16,564	42,636	40,749	(1,887)	(4.4)%
Capacity Enhancements - Parkway	l	161	500	3,449	2,949	589.8%
Interchanges	l	43,341	24,462	7,701	(16,761)	(68.5)%
Concrete Barrier		17,738	9,338	12,821	3,483	37.3%
Drainage Structures	l	9,048	73,130	94,014	20,884	28.6%
Roadway Lighting		10,676	14,346	42,454	28,108	195.9%
Other Roadway Improvements	l	49,082	74,689	75,437	748	1.0%
Total Roadway	\$	294,719	510,135	783,486	273,351	53.6%
Non-Roadway						
Facilities	\$	2,593	9,848	6,488	(3,360)	(34.1)%
Service Areas & Arts Center		13,099	30,507	24,688	(5,819)	(19.1)%
Technology Improvements	l	34,904	47,808	26,452	(21,356)	(44.7)%
Total Non-Roadway	\$	50,596	88,162	57,628	(30,534)	(34.6)%
Total Spending (Capitalized)	\$	345,315	598,297	841,114	242,818	40.6%
Construc	tic	n Fund	<ul><li>Funding</li></ul>	Sources		
	_	2021	2022	2023	\$ Δ from	% Δ from
(\$ In Thousands)		Actual	Budget	Budget	2022	2022
Bond Funded						
2023-2027 Capital Improvement Program	\$	81,032	351,630	608,468	256,838	73.0%
2019 Capital Improvement Program	l	182,310	172,507	129,645	(42,862)	(24.8)%
2008 \$7 Billion Capital Improvement Program	l	81,972	74,160	103,001	28,841	38.9%
Total Bond Funded	\$	345,315	598,297	841,114	242,818	40.6%

<sup>-</sup> Totals may not add due to rounding

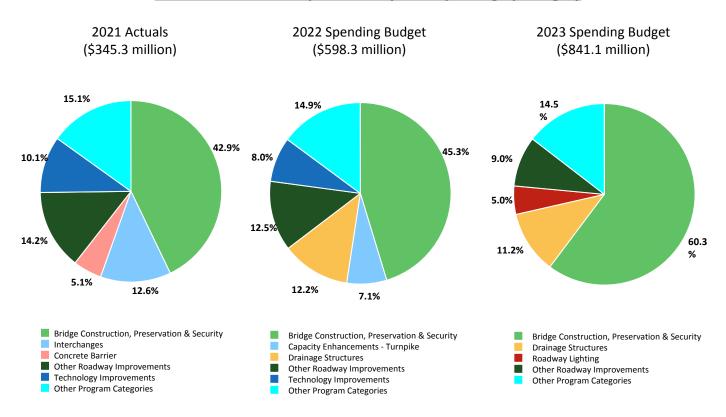
2023-2027 Rolling 5-Year	Cons	stru	ction Fur	nd Sp	pend	ing Plan	by Cate	gory
	В	onc	l Funded					
				Sp	endir	ng Plan		
(\$ In Thousands)	202	23	2024	20	25	2026	2027	Total
Capitalized Projects by Category								
Roadway								
Bridge Construction, Preservation & Security	\$ 506	5,861	\$ 447,985	\$ 30	5,377	\$ 122,788	\$ 93,646	1,476,657
Capacity Enhancements - Turnpike	40	,749	103,317	21	.2,183	500,807	1,249,990	2,107,046
Capacity Enhancements - Parkway	3	3,449	4,042		-	34,481	42,816	84,788
Interchanges	7	7,701	4,064		-	_	_	11,765
Concrete Barrier	12	2,821	56,771	3	2,280	13,648	13,596	129,116
Drainage Structures	94	,014	59,246	4	9,417	45,636	40,099	288,412
Roadway Lighting	42	2,454	38,670	2	8,377	26,265	28,389	164,155
Other Roadway Improvements	75	,437	130,583	9	7,194	24,857	_	328,071
Total Roadway	\$ 783	,486	844,678	724	4,828	768,482	1,468,536	4,590,010
Non-Roadway								
Facilities	\$ 6	5,488	-		_	_	_	6,488
Service Areas & Arts Center	24	1,688	8,512		9,645	7,908	2,263	53,016
Technology Improvements	26	5,452	12,825	7	2,069	134,207	158,472	404,025
Total Non-Roadway	\$ 57	,628	21,337	8:	1,714	142,115	160,735	463,529
Total Spending (Capitalized)	\$841,	114	866,015	806	5,542	910,597	1,629,271	5,053,539
							•	-
Construc	tion	Fun	d — Fun	ding	Sou	rces		
(\$ In Thousands)				Sp	endi	ng Plan		
Bond Funded	202	23	2024	20	25	2026	2027	Total
2023-2027 Capital Improvement Program	\$ 608	3,468	795,142	77	7,481	901,132	1,626,987	4,709,210
2019 Capital Improvement Program	129	,645	67,629	2	7,410	7,923	2,284	234,891
2008 \$7 Billion Capital Improvement Program		3,001	3,244		1,651	1,542		109,438
Total Bond Funded	\$841,	114	866,015	806	5,542	910,597	1,629,271	5,053,539

<sup>-</sup> Totals may not add due to rounding

## **Construction Fund – Spending by Category**

The Construction Fund includes all bond funded capital projects contained in the 2023-2027 Capital Improvement Program, 2019 Capital Improvement Program, and the 2008 \$7 Billion Capital Improvement Program. The 2023 spending budget includes a significant increase in Bridge Construction, Preservation, and Security with the rehabilitation and replacement of bridge decks and superstructures on both roadways. Also increasing significantly in the 2023 budget are multiple Roadway Lighting and Drainage Structure projects accelerated to be completed sooner and ahead of the commencement of the Turnpike Capacity Enhancements between Interchanges 1 to 4 and the Newark Bay-Hudson County Extension.

#### Construction Fund – Capitalized Projects – Spending by Category



### 2023-2027 Capital Improvement Program

The 2020 Long-Range Capital Plan was approved by the Board of Commissioners in May 2020. The 2023-2027 Capital Improvement Program was developed from that plan and focuses on maintaining the existing infrastructure in a state of good repair and targets capacity improvements in critical areas where congestion is already an issue. This program has a 2023 spending budget of \$608.5 million and a rolling five-year spending plan of \$4.7 billion. The spending budget for 2023 is increasing by about 73.0%, compared to 2022, with significant increases for repairs of bridges on both roadways, drainage structures, and roadway lighting fixtures. On the other hand, facility upgrades are reduced as planned projects moved to Supplemental Capital in 2023. Likewise, roadway projects such as MSE wall replacements for both roadways are reduced as some work, based upon priorities were moved to future years beyond the rolling five-year spend. Project budgets have been increased to account for assumed inflation at 7% in 2023, reducing down to 3.5% in the later years.

2023-2027 Capital Impro	ve	ment P	rogram –	Spending	by Catego	ory					
		2021	2022	2023	\$ Δ from	% Δ from					
(\$ In Thousands)	4	Actual	Budget	Budget	2022	2022					
Capitalized Projects by Category											
Roadway											
Bridge Construction, Preservation & Security	\$	26,704	\$ 151,253	338,803	187,550	124.0%					
Capacity Enhancements - Turnpike		16,359	42,571	40,749	(1,822)	(4.3)%					
Capacity Enhancements - Parkway		_	500	3,449	2,949	589.8%					
Interchanges		1,915	3,967	2,981	(986)	(24.9)%					
Concrete Barrier		1,684	5,337	12,615	7,278	136.4%					
Drainage Structures		9,048	73,130	94,014	20,884	28.6%					
Roadway Lighting		10,676	14,346	42,454	28,109	195.9%					
Other Roadway Improvements		2,252	25,775	51,846	26,072	101.2%					
Total Roadway	\$	68,638	316,878	586,911	270,033	85.2%					
Non-Roadway											
Facilities	\$	_	6,240	_	(6,240)	(100.0)%					
Technology Improvements		12,394	28,512	21,557	(6,955)	(24.4)%					
Total Non-Roadway	\$	12,394	34,752	21,557	(13,195)	(38.0)%					
Total Spending (Capitalized)	\$	81,032	351,630	608,468	256,838	73.0%					

<sup>-</sup> Totals may not add due to rounding

	2023-2027 Capital Improvement Program											
2023-2027	7 Rolling	5-Year	Spendin	g Plan k	y Categ	ory	Prior LTD	Future	Total			
(\$ In Thousands)	2023	2024	2025	2026	2027	Total 5-Year	Spending	Spending	Project Budget			
Capitalized Projects Category												
Roadway												
Bridge Construction, Preservation & Security	\$ 338,803	394,226	286,607	121,231	93,625	1,234,492	246,978	1,327,514	2,808,984			
Capacity Enhancements - Turnpike	40,749	103,317	212,183	500,807	1,249,990	2,107,046	33,706	12,412,462	14,553,214			
Capacity Enhancements - Parkway	3,449	4,042	_	34,481	42,816	84,788	629	106,418	191,835			
Interchanges	2,981	4,064	_	_	_	7,045	9,681	239,800	256,526			
Concrete Barrier	12,615	56,771	32,280	13,648	13,596	128,910	5,960	30,385	165,255			
Drainage Structures	94,014	59,246	49,417	45,636	40,099	288,412	61,435	100,947	450,794			
Roadway Lighting	42,454	38,670	28,377	26,265	28,389	164,155	48,074	9,430	221,659			
Other Roadway Improvements	51,846	124,815	97,194	24,857	_	298,712	16,645	61,103	376,460			
Total Roadway	\$586,911	785,151	706,058	766,925	1,468,515	4,313,560	423,108	14,288,059	19,024,727			
Non-Roadway	,											
Facilities	\$ —	_	_	_	_	_	508	_	508			
Technology Improvements	21,557	9,991	71,423	134,207	158,472	395,650	54,369	181,047	631,066			
Total Non- Roadway	\$ 21,557	9,991	71,423	134,207	158,472	395,650	54,877	181,047	631,574			
Total Spending (Capitalized)	\$608,468	795,142	777,481	901,132	1,626,987	4,709,210	477,985	14,469,106	19,656,301			

<sup>-</sup> Totals may not add due to rounding

			Spend	l Plan			n · .=n	l <u>.</u> .	Total
(\$ In Thousands)	2023	2024	2025	2026	2027	Rolling 5-Year	Prior LTD Spending	Future Spending	Project Budget
Capitalized Projects									
Prior Approved Projects									
TPK NBHCE Capacity Enhancement	\$ 34,426	90,845	166,430	400,713	1,071,908	1,764,322	20,757	8,910,512	10,695,591
TPK I/C 17 Ramp Bridge Replacement	- I	39,592	136,371	18,155	_	194,118	8,311		202,429
TPK Rehab Bridges W107_E107_84N&S	87,564	50,213	12,803	_	_	150,580	68,140		218,720
TPK Grade Separated Median U-Turns	8,038	68,571	59,633	_	_	136,242	387		136,629
TPK Capacity I/C 1-4	3,796	8,916	11,200	12,966	86,175	123,053	12,949	3,460,001	3,596,003
Deck Rehab TPK Westerly Bridges	936	9,580	43,345	49,234	19,692	122,787	26		122,813
Deck NBHCE Bridges Zones 2-3	4,294	81,553	23,005	_	_	108,852	4,321		113,173
TPK Bridges W110_111_112	11,484	69,313	22,960	_	_	103,757	6,003		109,760
TPK Superstructure E111.15 Replacement	2,323	4,134	4,702	36,364	55,564	103,087	32	24,265	127,384
GSP 128 A&B, 154.2N, TPK 90-91.37	39,280	33,309	16,296	642	_	89,527	29,694		119,221
All Other Prior Approved Projects	330,523	292,745	143,765	137,535	119,758	1,024,326	309,854	1,082,396	2,416,576
Total Prior Approved Projects	\$ 522,664	748,771	640,510	655,609	1,353,097	3,920,651	460,474	13,477,174	17,858,299
New Projects									
Delaware River Turnpike Bridge Replacement	\$ 77,547	10,239	10,915	11,555	10,930	121,186	17,511	741,596	880,293
GSP All-Electronic Tolling Program	4,731	8,907	70,388	133,192	157,457	374,675	_	178,002	552,677
TPK Tremley Point Connector Road	2,527	3,556	34,553	87,128	91,907	219,671	_	41,949	261,620
TPK Guide Rail Improvement Program	999	23,669	21,115	13,648	13,596	73,027	_	30,385	103,41
Total New Projects	\$ 85,804	46,371	136,971	245,523	273,890	788,559	17,511	991,932	1,798,002
Total Projects	\$ 608,468	795,142	777,481	901,132	1,626,987	4,709,210	477,985	14,469,106	19,656,30

<sup>-</sup> Totals may not add due to rounding

# **2019 Capital Improvement Program**

This program was approved by the Board of Commissioners in April 2019 and includes capital improvement projects focusing on bridge deck improvements, shoulder widening, and replacement of hybrid changeable message signs. The 2023 spending budget for the 2019 Capital Improvement Program is over \$129.6 million and has a rolling five-year spending plan of \$234.9 million. The 2023 spending budget is almost \$42.9 million less than the \$172.5 million budgeted for 2022, representing a decrease of 24.8%. This decrease is due to the substantial completion of projects in 2022. The service area renovations and Passaic River Bridge Rehabilitation are the two primary drivers of the 2019 Capital Improvement Program .

2019 Capital Improvement Program — Spending by Category											
	2021	2022	2023	\$ Δ from	% Δ from						
(\$ In Thousands)	Actual	Budget	Budget	2022	2022						
Capitalized Projects by Category											
Roadway											
Bridge Construction, Preservation & Security \$	69,319	73,226	75,521	2,295	3.1%						
Interchanges	18,019	_	2,135	2,135	100.0%						
Concrete Barrier	15,720	3,802	206	(3,596)	-94.6%						
Other Roadway Improvements	43,643	45,676	22,200	(23,476)	-51.4%						
Total Roadway S	\$ 146,701	122,705	100,062	(22,643)	(18.5)%						
Non-Roadway											
Service Areas & Arts Center	13,099	30,507	24,688	(5,819)	-19.1%						
Technology Improvements	22,510	19,295	4,895	(14,400)	-74.6%						
Total Non-Roadway \$	35,609	49,802	29,583	(20,219)	(40.6)%						
Total Spending (Capitalized)	\$ 182,310	172,507	129,645	(42,862)	-24.8%						

<sup>-</sup> Totals may not add due to rounding

2019 Capital Improvement Program										
2023-2027 R	Prior LTD	Total Project								
(\$ In Thousands)		2023	2024	2025	2026	2027	Total 5-Year	Spending	Budget	
Capitalized Projects Category										
Roadway										
Bridge Construction, Preservation & Security	\$	75,521	50,898	17,119	15	21	143,574	226,455	370,029	
Interchanges		2,135	-	-	_	_	2,135	44,066	46,201	
Concrete Barrier		206	_	_	_	_	206	29,971	30,177	
Other Roadway Improvements		22,200	5,385	_	_	_	27,585	104,367	131,952	
Total Roadway	\$1	00,062	56,283	17,119	15	21	173,500	404,859	578,359	
Non-Roadway										
Service Areas & Arts Center	\$	24,688	8,512	9,645	7,908	2,263	53,016	36,240	89,256	
Technology Improvements		4,895	2,834	646	_	_	8,375	60,615	68,990	
Total Non-Roadway	\$	29,583	11,346	10,291	7,908	2,263	61,391	96,855	158,246	
Total Spending (Capitalized)		29,645	67,629	27,410	7,923	2,284	234,891	501,714	736,605	

<sup>-</sup> Totals may not add due to rounding

2019 Capital Improvement Program - Significant Project Budgets											
			D.:								
(\$ In Thousands)	2023	2024	2025	2026	2027	Rolling 5-Year	Prior LTD Spending	Total Project Budget			
Capitalized Projects											
Passaic River Bridge Rehabilitation	\$ 32,839	27,780	17,119	15	21	77,774	52,781	130,555			
Service Areas - HMS Host & Sunoco	22,757	8,512	9,645	7,908	2,263	51,085	25,343	76,428			
GSP Structures 160.6 to 161.9 NB & SB	17,295	22,221	_	_	_	39,516	41,746	81,262			
GSP Shoulder Widening MP30-35	19,618	5,385	_	_	_	25,003	89,036	114,039			
GSP Bridge Deck Reconstruction MP 141-142	19,020	897	_	_	_	19,917	39,847	59,764			
TPK Install New Hybrid CMS	4,895	2,834	646	_	_	8,375	60,615	68,990			
All Other Prior Approved Projects	13,221	_	_	-	-	13,221	192,346	205,567			
Total Capitalized Project Budget	\$129,645	67,629	27,410	7,923	2,284	234,891	501,714	736,605			

<sup>-</sup> Totals may not add due to rounding

# 2008 \$7 Billion Capital Improvement Program

This program was approved by the Board of Commissioners in October 2008. In September 2018, the program was amended to extend the end date of the program to award new contracts until December 31, 2020. The 2023 spending budget is \$103.0 million with a rolling five-year spending plan of only \$6.4 million beyond 2023. This represents the winding down of this Capital Improvement Program as many projects are completed or are nearing completion. The 2008 \$7 Billion Capital Improvement Program includes current active projects such as the Newark Bay-Hudson County Extension redecking as well as miscellaneous facility improvements.

2008 \$7 Billion Capital Improvement Program — Spending by Category											
	2021	2022	2023	\$ Δ from	% Δ from						
(\$ In Thousands)	Actual	Budget	Budget	2022	2022						
Capitalized Projects by Category											
Roadway											
Bridge Construction, Preservation & Security	\$ 52,086	46,555	92,537	45,982	98.8%						
Capacity Enhancements - Turnpike	205	65	_	(65)	(100.0)%						
Capacity Enhancements - Parkway	161	_	_	_	-%						
Interchanges	23,406	20,496	2,585	(17,911)	(87.4)%						
Concrete Barrier	334	198	_	(198)	(100.0)%						
Other Roadway Improvements	3,188	3,237	1,391	(1,846)	(57.0)%						
Total Roadway	\$ 79,380	70,551	96,513	25,962	36.8%						
Non-Roadway											
Facilities	\$ 2,593	3,608	6,488	2,880	79.8%						
Total Non-Roadway	\$ 2,593	3,608	6,488	2,880	79.8%						
Total Spending (Capitalized)	\$ 81,972	74,160	103,001	28,842	38.9%						

<sup>-</sup> Totals may not add due to rounding

2008 \$7 Billion Capital Improvement Program										
2023-2027 R	lol	lling 5	-Year Sp	ending	Plan by	Categor	У	Prior LTD	Total Project Budget	
(\$ In Thousands)		2023	2024	2025	2026	2027	Total 5-Year	Spending		
Capitalized Projects Category										
Roadway										
Bridge Construction, Preservation & Security <sup>1</sup>	\$	92,537	2,861	1,651	1,542	_	98,591	1,646,295	1,744,886	
Capacity Enhancements - Turnpike		_	_	_	_	_	_	2,131,547	2,131,547	
Capacity Enhancements - Parkway		_	_	_	_	_	_	574,817	574,817	
Interchanges		2,585	_	_	_	_	2,585	1,039,308	1,041,893	
Concrete Barrier		_	_	_	_	_	_	51,567	51,567	
Drainage Structures		-	_	_	_	_	_	61,913	61,913	
Other Roadway Improvements		1,391	383	_	_	1	1,774	713,815	715,589	
Total Roadway	\$	96,513	3,244	1,651	1,542		102,950	6,219,262	6,322,212	
Non-Roadway										
Facilities	\$	6,488	_	_	_	_	6,488	671,300	677,788	
Total Non-Roadway	\$	6,488			_	_	6,488	671,300	677,788	
Total Spending (Capitalized)		.03,001	3,244	1,651	1,542	_	109,438	6,890,562	7,000,000	

2008 \$7 Billion Capital Improvement Program - Significant Project Budgets										
			Duia a LTD	Total						
(\$ In Thousands)	2023	2024	2025	2026	2027	Rolling 5-Year	Prior LTD Spending	Project Budget		
Capitalized Projects										
Contingency	\$ 60,756	1,542	1,542	1,542	_	65,382	_	65,382		
NBHCE Bridge Redecking	31,627	1,319	109	_	_	33,055	461,973	495,028		
Facilities Improvement Phase I	6,488	_	_	_	_	6,488	629,129	635,617		
Interchange Improvements	2,043	_	_	_	_	2,043	411,877	413,920		
Sign Replacements Phase II	1,051	383	_	_	_	1,434	156,259	157,693		
Parkway I/C 125 Phase I	542	_	_	_	_	542	97,340	97,882		
Parkway Mainline Shoulder Improvement	340	_	_	_	_	340	360,395	360,735		
Deck Reconstruction Phase II	154	_	_	_	_	154	140,713	140,867		
All Other Projects	_	_	_	_	_		4,632,876	4,632,876		
Total Capitalized Project Budget	\$103,001	3,244	1,651	1,542	_	109,438	6,890,562	7,000,000		

<sup>-</sup> Totals may not add due to rounding

Due to favorable bid prices and project close outs, the 2008 CIP is anticipated to close below the original funding level of \$7 billion. \$60 million is represented in the 2023 spending budget under the category Bridge, Construction, Preservation, & Security. This not expected to be spent and is included only to maintnain the original \$7 billion funding amount

This concludes the New Jersey Turnpike Authority's 2023 Annual Budget in Brief. For a more indepth review, please see our full-length budget, which can be found on our website, <a href="https://www.njta.com/">https://www.njta.com/</a>

