



## CONSTRUCTION FUND PROJECTS

---

Progress Report

Fourth Quarter 2021



---

PREPARED BY

**HNTB Corporation**

9 Entin Road, Suite 202

Parsippany, New Jersey 07054

Phone: (973) 434-3100

Contact: Gregory A. Le Frois, PE

Email: [glefrois@hntb.com](mailto:glefrois@hntb.com)



March 29, 2022

March 29, 2022



New Jersey Turnpike Authority  
One Turnpike Plaza  
Woodbridge, NJ 07095

Re: New Jersey Turnpike Authority  
Construction Fund Projects  
2021 Fourth Quarter Construction Contracts Progress Report

Members of the Authority:

In accordance with the provisions of the 1991 Turnpike Revenue Bond Resolution (as adopted on August 20, 1991, as amended and restated on September 26, 1991, and as further amended and restated on November 22, 1991), Section 718; HNTB Corporation, as the New Jersey Turnpike Authority's (Authority's) General Consulting Engineer, submits this progress report for the Fourth Quarter 2021 for active projects comprising the Authority's Capital Improvement Programs that are funded by bond proceeds for the New Jersey Turnpike and Garden State Parkway road systems and facilities. Specifically, the projects included are those 35 projects that are identified in the Authority's \$7B Capital Improvement Program (\$7B CIP) that was adopted and approved by the Authority's Board of Commissioners (Board) on October 10, 2008 with minor modifications thereto from time to time, the 21 projects that are included in the 2019 Capital Improvement Program (2019 CIP) that was adopted and approved by the Board on April 23, 2019, and the 69 projects that are included in the 2021-2025 Capital Improvement Program (2021-2025 CIP) that was adopted and approved by the Board on October 27, 2020.

Financing for the \$7B CIP has been provided by revenue bonds issued from 2009 through 2019. The 2019 CIP and the 2021-2025 CIP are partially funded as part of the existing funding for the \$7B CIP with future needs funded by the issuance of new Turnpike Revenue Bonds.

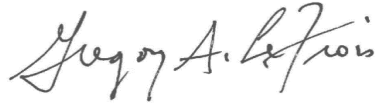
The 2020 20-year Long-Range Capital Plan, which looks at capital improvements needs through 2040, was adopted and approved by the Board on May 27, 2020. The resolution authorized the implementation of toll adjustments for both roadways that will in-turn support a rolling five-year capital improvement program that implements the 20-year Long Range Capital Plan, starting with the 2021-2025 CIP.

A more detailed summary of the revenue bond sales for the capital improvement projects is provided in Section 2 - Summary of Bond Financing of the attached report. In addition, the disposition of funds within the Construction Fund is presented in tabulations contained herein. General Board actions that are germane to the Authority's operations or which may directly influence any of the Capital Improvement Program projects are also reflected in the report.

New Jersey Turnpike Authority  
March 29, 2022  
Page 2 of 2

We appreciate being of service to you in this regard. Please contact us with any questions or comments related to this summary report.

Very truly yours,

A handwritten signature in black ink, reading "Gregory A. Le Frois". The signature is written in a cursive style with a large, stylized 'G' and 'L'.

Gregory A. Le Frois, PE  
Senior Vice President  
Project Manager

AEL/sb

# NEW JERSEY TURNPIKE AUTHORITY

## BOARD OF COMMISSIONERS

DIANE GUTIERREZ-SCACCETTI

*Chair*

ULISES E. DIAZ

*Vice Chair*

MICHAEL R. DUPONT

*Treasurer*

RONALD GRAVINO

*Commissioner*

JOHN D. MINELLA

*Commissioner*

RAPHAEL SALERMO

*Commissioner*

---

## EXECUTIVE STAFF

JOHN M. KELLER, PE

*Executive Director*

JAMES CARONE

*Deputy Executive Director*

ANN CHRISTINE MONICA

*Acting Director of Law*

ROBERT J. FISCHER, PE

*Chief Engineer*

DONNA MANUELLI

*Chief Financial Officer*

JOSE DIOS

*Chief Information Officer*

# TABLE OF CONTENTS

<b>1.</b>	<b>INTRODUCTION .....</b>	<b>1</b>
<b>2.</b>	<b>SUMMARY OF BOND FINANCING .....</b>	<b>3</b>
<b>3.</b>	<b>2021 - 2025 CAPITAL IMPROVEMENT PROGRAM .....</b>	<b>5</b>
	A. Project Activities and Status .....	7
	B. Summary of Active Construction Contracts by Project.....	27
	C. Status of Construction Funds .....	29
	D. Fourth Quarter 2021 Summaries.....	35
	Fourth Quarter 2021 - Procurement Summary .....	36
	Fourth Quarter 2021 - Final Closeout Summary .....	37
	Fourth Quarter 2021 - Change Order Summary.....	38
	Fourth Quarter 2021 - Utility Order Summary.....	39
	Fourth Quarter 2021 - Litigation Settlement Summary.....	40
<b>4.</b>	<b>2019 CAPITAL IMPROVEMENT PROGRAM.....</b>	<b>41</b>
	A. Project Activities and Status .....	43
	B. Summary of Active Construction Contracts by Project.....	52
	C. Status of Construction Funds .....	54
	D. Fourth Quarter 2021 Summaries.....	57
	Fourth Quarter 2021 - Procurement Summary .....	58
	Fourth Quarter 2021 - Final Closeout Summary .....	59
	Fourth Quarter 2021 - Change Order Summary.....	60
	Fourth Quarter 2021 - Utility Order Summary.....	61
	Fourth Quarter 2021 - Litigation Settlement Summary.....	62
<b>5.</b>	<b>\$7B CAPITAL IMPROVEMENT PROGRAM .....</b>	<b>63</b>
	A. Project Activities and Status .....	64
	B. Summary of Active Construction Contracts by Project.....	71
	C. Status of Construction Funds .....	73
	D. Fourth Quarter 2021 Summaries.....	78
	Fourth Quarter 2021 - Procurement Summary .....	79
	Fourth Quarter 2021 - Final Closeout Summary .....	80
	Fourth Quarter 2021 - Change Order Summary.....	81
	Fourth Quarter 2021 - Utility Order Summary.....	82
	Fourth Quarter 2021 - Litigation Settlement Summary.....	83



# 1. INTRODUCTION

This Quarterly Report details the progress of New Jersey Turnpike Authority projects financed through the sale of revenue bonds. Funds so derived are deposited in the Authority's Construction Fund. As prescribed in the 1991 Turnpike Revenue Bond Resolution (as adopted on August 20, 1991, as amended and restated on September 26, 1991, and as further amended and restated on November 22, 1991), Section 718, Progress Reports, this report is directed to members of the Authority, Trustees, and Bondholders who have been identified by the Authority to apprise them as to the disposition of new monies raised by the issuance of revenue bonds and the status of the projects funded by the bond proceeds.

New money raised by bond sales is intended to fund new Authority projects or complete Authority projects that were initiated under a prior bond sale. These projects are of a typical nature that are geared toward enhancing safety, repairing degraded infrastructure and ensuring roadway resiliency and sustainability to enhance mobility. The projects include rehabilitation and, in some cases, replacement of aged bridges, interchange and median barrier improvements, flood mediation, system-wide lighting and technology upgrades, and capacity improvements focused toward congestion relief on both the Garden State Parkway and New Jersey Turnpike.

The \$7 billion Capital Improvement Program (\$7B CIP) was adopted by the Board on October 10, 2008. The Authority's \$7B CIP is comprised of 35 projects on both the Garden State Parkway (Parkway) and New Jersey Turnpike (Turnpike). These projects provide for system expansion, safety, and operational improvements, and maintaining the road systems and facilities state-of-good-repair. Financing for the \$7B CIP has been provided by revenue bonds that have been issued from 2009 through 2019. There are a number of active projects in the \$7B CIP that trace their financial origin to bond sales from 2000 to 2005; however, these funds have been expended. Currently, the entire \$7B CIP is funded with the proceeds from periodic revenue bond sales from 2009 to 2019. The final bond issuance was the Series 2019 A Turnpike Revenue Bonds that closed on February 7, 2019.

The 2019 Capital Improvement Program (2019 CIP) was adopted and approved by the Board on April 23, 2019. This 2019 CIP includes the design, construction, and construction supervision for 21 capital improvement projects on both the Parkway and Turnpike. Several projects within this program are partially funded as part of the existing funding for the \$7B CIP with future needs funded by the issuance of Turnpike Revenue Bonds.

The 2020 Long-Range Capital Plan was adopted and approved by the Board on May 27, 2020. The 2020 Long-Range Capital Plan includes 43 proposed programs and projects that will enhance safety, repair degraded infrastructure, and ensure roadway resiliency and sustainability to improve mobility. The Board authorization also approved a toll adjustment policy that will in-turn provide funding for a rolling five-year capital improvement program, starting with the 2021-2025 Capital Improvement Program (2021-2025 CIP). The 2021-2025 CIP includes the design, construction, and construction supervision for 69 capital

improvement projects on both the Parkway and Turnpike. Several projects within this program are partially funded as part of the existing funding for the \$7B CIP with future needs funded by the issuance of Turnpike Revenue Bonds.

In this report, the status of each project comprising the \$7B CIP, 2019 CIP, and 2021-2025 CIP is presented in tabular form outlining the budgeted funding amounts, the amounts spent and committed, and the amounts necessary to complete each project. Tables are included which compare the planned and actual quarterly and cumulative expenditures for each project in the construction fund that make up the three CIPs.

The report also reflects Board actions that occurred during the report period which have a bearing on the progress of projects, such as awards for legal, insurance, and engineering services; property acquisitions; and construction contracts. In addition, Board actions that affect general Authority operations are reported because they may impact the delivery of the CIPs. Also presented is a description of actions by external regulatory agencies such as the NJ Department of Environmental Protection (NJDEP), or other external party, which occurred during the report period that affected the cost or timely prosecution of a project. The content of this report is based in part on information received from the Authority's Executive Office, Finance Department, Engineering Department, Law Department, and Operations Department.

Where funds provided by a bond sale are insufficient to complete a specific project, or funding is needed prior to a bond sale, the Authority may use other sources such as proceeds of bond anticipation notes and reserve funds derived from revenues. Also, there are projects in the \$7B CIP and possibly in the 2019 CIP and 2021-2025 CIP in which funding participation by other agencies is expected as part of an inter-party agreement or memorandum of understanding; these projects are reported on herein also.

## 2. SUMMARY OF BOND FINANCING

Funding to support the Authority's capital improvement programs are derived from the sale of revenue bonds. A summary of the bond issuances since April 2009 are described and presented in the table below.

In April 2009, the Authority issued its \$375,000,000 Turnpike Revenue Bonds, Series 2009 E and \$1,375,000,000 Turnpike Revenue Bonds, Series 2009 F (Federally Taxable - Issuer Subsidy - Build America Bonds) (respectively, the "Series 2009 E Bonds" and the "Series 2009 F Bonds" and collectively, the "Series 2009 E and F Bonds") under the Resolution to initially fund the costs of the \$7B CIP. In December 2010, the Authority issued its \$1,850,000,000 Turnpike Revenue Bonds, Series 2010 A (Federally Taxable - Issuer Subsidy - Build America Bonds) (the "Series 2010 A Bonds", together with the Series 2009 F Bonds, the "Build America Bonds") under the Resolution to further fund costs of the \$7B CIP. In addition, the Authority also issued its \$1,400,000,000 Turnpike Revenue Bonds, Series 2013 A (the "Series 2013 A Bonds"), its \$1,000,000,000 Turnpike Revenue Bonds, Series 2014 A (the "Series 2014 A Bonds") and its \$750,000,000 Turnpike Revenue Bonds, Series 2015 E (the "Series 2015 E Bonds") to further fund costs of the \$7B CIP. In January 2017, the Authority issued its \$600,000,000 Turnpike Revenue Bonds, Series 2017 A (the "Series 2017 A Bonds") to further fund costs of the Capital Improvement Program. The Authority issued its final Series of Non-Refunding Bonds (Series 2019 A Bonds) under the Resolution in January 2019 which closed on February 7, 2019. The final bond issue was in an aggregate principal amount of \$449,110,000, in order to provide the final funding for the \$7B CIP, and to fund deposits to the Debt Reserve Fund, capitalized interest on such Non-Refunding Bonds and costs of issuance required in connection with the issuance of such Non-Refunding Bonds.

In January 2020, the Authority authorized recommendation to adopt the Series 2020 Turnpike Revenue Bond Issuance Resolution. The resolution authorized the issuance of up to \$2,719,118,000 of Turnpike Revenue Bonds. The authorization includes up to \$502,500,000 of new money bonds, up to \$1,434,632,500 of refunding bonds to refinance existing fixed rate debt, and up to \$781,985,500 of refunding bonds to refinance existing variable rate debt.

In January 2021, the Authority issued its \$502,500,000 Turnpike Revenue Bonds, Series 2021 A (the "Series 2021 A Bonds") for the primary purpose of paying costs of construction for various projects which are part of the Authority's ongoing capital improvement projects.



The following table summarizes Turnpike Revenue Bonds that have been issued to finance the current capital improvement programs.

Capital Improvement Program Funding	
Bond Series	Amount
2009E	\$375,000,000
2009F	\$1,375,000,000
2010A	\$1,850,000,000
2013A	\$1,400,000,000
2014A	\$1,000,000,000
2015E	\$750,000,000
2017A	\$600,000,000
2019A	\$449,110,000
2021A	\$502,500,000
Total	\$8,301,610,000

### 3. 2021 - 2025 CAPITAL IMPROVEMENT PROGRAM

**New Jersey Turnpike Authority**  
**2021 - 2025 Capital Improvement Program**  
**Construction Fund 500 as of December 31, 2021**

Project No.	Funded Projects	Total Project Budget (funded to date)	% Spent & Committed through 12/31/21
5000000001	TPK Bridges (W110.42, W111.48, W112.72B)	\$54,700,000	16%
5000000002	TPK Interchange 17 Ramp Bridge Replacement	\$105,226,488	9%
5000000003	TPK Rehabilitation of Str. Nos. W107.87, E107.88 and 84.24N&S	\$198,322,098	98%
5000000004	Bridge Deck, Superstructure Reconstruction & Median Barrier Reconstruction, MP 35.5 to 44.1; MP 74.3 to 76.5	\$75,751,546	80%
5000000005	TPK MP 85.77 TO 87.1 Deck and Superstructure Reconstruction	\$5,433,238	100%
5000000006	TPK Deck Recon. 98.48 to 98.76	\$32,300,000	17%
5000000007	Interim Repairs to Waterway Pier for TPK Str. No. W115.36	\$6,610,006	27%
5000000008	Reconstruction of Waterway Pier for TPK Str. No. W115.36	\$27,000,000	11%
5000000009	Rehabilitation of Structure Nos. E113.00, E113.16, E114.52 and E115.21	\$75,047,223	66%
5000000010	TPK Deck Reconstruction, MP P2.0 to P5.0	\$53,828,847	0%
5000000012	Deck Rehabilitation of NBHCE Bridges, Zones 2 and 3	\$54,705,089	0%
5000000013	TPK Deck Reconstruction, MP 105.1 to W106.68	\$19,825,475	0%
5000000014	TPK Deck Reconstruction, MP 81.5 to 84.5	\$20,075,884	0%
5000000015	Deck Rehabilitation of Turnpike Westerly Alignment Bridges	\$53,657,565	0%
5000000016	TPK Deck Reconstruction, MP 44.7 to MP 50.3	\$30,086,055	0%
5000000017	TPK Superstructure Replacement, Str. No. E111.15	\$7,992,804	0%
5000000018	TPK Non-Redundant Pier Reconstruction and Bearing Imp., MP 99.0 to 100.0	\$27,000,000	0%
5000000019	TPK Deck Reconstruction, MP 40.34	\$13,304,137	3%
5000000020	TPK Deck Reconstruction, MP 97.5 to 98.7	\$23,625,686	0%
5000000021	TPK Deck Reconstruction, MP 88.0 to MP 88.9	\$8,205,557	0%
5000002001	GSP Bridge Superstructure Replacement, MP 106.3 to 106.5 (three bridges)	\$41,293,268	51%
5000002002	GSP Str. Nos. 128.0A and 128.0B Superstructure Replacement, TPK Deck Reconstruction, MP 90.0 to 91.37, and GSP Str Nos. 154.2N and 6.6S Beam Replacement	\$79,704,698	57%
5000002003	GSP Deck Reconstruction, MP 169.2 to 171.7	\$92,336,946	6%
5000002004	GSP Superstructure Replacement, MP 150.3 to 150.4	\$46,208,595	0%
5000004002	TPK Median Barrier Improvements MP 89 to 122	\$7,023,227	75%
5000004003	Median Barrier Repairs GSP MP 134 to MP 140 and TPK MP 72 to MP 89	\$28,866,096	2%
5000010000	GSP CMP Rehabilitation MP 110.6 to 116.4	\$6,167,308	0%
5000010001	GSP Culvert Rehab MP 111.5	\$6,660,500	102%
5000010002	GSP Culvert Repairs MP 112.7	\$12,758,894	79%
5000010003	Culvert Repairs MP 115.80 to 115.80A	\$15,955,999	99%
5000010004	Heards Brook Improvements	\$8,783,515	38%
5000010005	Culvert Repairs Interchange 100	\$22,750,000	14%
5000010006	Culvert Repairs MP 109 to 111, and MP 123 to 128	\$40,000,000	12%
5000020001	GSP Mainline Capacity Enhancements between Interchange 129-142	\$10,000,000	0%
5000020002	GSP Mainline Capacity Enhancements between Interchange 154-163	\$39,455,000	0%
5000026001	GSP Interchange 80 Completion & Capacity Enhancements between 80-83	\$13,690,084	45%

Project No.	Funded Projects	Total Project Budget (funded to date)	% Spent & Committed through 12/31/21
5000026002	Interchange 13 Completion	\$1,271,250	95%
5000026003	Interchange 29 Completion	\$1,778,750	91%
5000028000	Roadway Improvements Milepost 97.1 to 98 and 102 to 104.5	\$60,000,000	11%
5000028001	Rehabilitation of the Turnpike Secaucus Interchange MSE Walls	\$40,000,000	0%
5000028002	Repair or Replacement of Various MSE Walls	\$24,918,652	0%
5000030000	Rehabilitation of the Parkway Driscoll Bridge MSE Walls, MP 127.2	\$40,000,000	0%
5000030001	GSP Service Area Ramp Widening	\$20,000,000	18%
5000040000	TPK Lighting Mixing Bowls North and South	\$17,200,000	0%
5000040001	TPK Lighting Improvements at Interchange Nos. 12 and 13	\$18,221,143	83%
5000040002	TPK Interchange 14 & NBHCE	\$13,740,000	98%
5000040003	TPK Lighting 10S & 13A	\$8,000,000	57%
5000040004	TPK Interchange Nos. 7A, 8A, 10 & 11	\$6,575,289	23%
5000042001	GSP Interchange 120	\$3,000,000	81%
5000042002	Lighting Improvements at GSP Interchange Nos. 117 and 118	\$7,000,000	69%
5000042003	Lighting Improvements at GSP Interchange Nos. 102 and 105	\$3,000,000	85%
5000052000	Horizontal Curve Warning Signs	\$16,000,000	10%
5000052001	Installation of Hybrid Changeable Message signs at Various Locations on the New Jersey Turnpike	\$45,300,003	89%
5000052002	Guide Sign Improvements on the New Jersey Turnpike	\$21,200,000	77%
5000052003	CIP Support Services	\$650,000	94%
5000056001	TPK Newark Bay Hudson County Extension Capacity Enhancements	\$285,206,745	12%
5000056002	Westerly Alignment Mainline Capacity Enhancements	\$50,000,000	0%
5000056003	TPK Mainline Capacity Enhancements between Interchange Nos. 1-4	\$162,645,206	30%
500GSPCMR	GSP Corrugated & Culvert Rehab	\$240,902,422	0%
500ITSUPGD	GSP & TPK Infra & Software Upgrade	\$134,350,000	0%
500LIGHTNG	GSP & TPK Lighting Upgrades	\$63,258,712	0%
500RESLNCY	Resiliency	\$139,500,000	0%
500USTUPDG	GSP & TPK UST Upgrades	\$3,900,000	0%
Total		\$2,791,970,000	24%

Note: Costs provided by the New Jersey Turnpike Authority's Finance Department

## **A. PROJECT ACTIVITIES AND STATUS**

The project activities and status presented in this section were compiled from information reported by Authority staff, review of contract documents and from information reported as part of the Authority's Monthly Board Meetings for this quarter.

### **5000000001 TPK Bridges (W110.42, W111.48, W112.72B)**

#### **Contract No. T100.564, TPK Replacement of Str. No. W112.72B**

This contract provides for the replacement of Turnpike Str. No. W112.72B at Interchange 16W as well as operational improvements.

Design Start Date:	September 28, 2021
Estimated Design Completion Date:	May 2023
Estimated Construction Start Date:	September, 2023
Estimated Construction Completion Date:	TBD
Remarks:	-

Fund 500 provides budget for design services for Contract No. T100.564. Hardesty & Hanover, LLC. was issued OPS No. T3801 in the amount of \$7,235,000.00 to perform design services for this contract.

### **5000000002 TPK Interchange 17 Ramp Bridge Replacement**

#### **Contract No. T100.580, TPK Replacement of Str. Nos. E112.95A and E112.95B**

This contract provides for the replacement of Turnpike Str. Nos. E112.95A and E112.95B at the Interchange 17 toll plaza.

Design Start Date:	December 22, 2020
Estimated Design Completion Date:	November 2022
Estimated Construction Start Date:	March 2023
Estimated Construction Completion Date:	TBD
Remarks:	-

Fund 500 provides budget for design services for Contract No. T100.580. Greenman-Pedersen, Inc. was issued OPS No. T3826 in the amount of \$9,405,000.00 to perform design services for this contract.

### **5000000003 TPK Rehabilitation of Bridge Nos. W107.87, E107.88 and 84.24N&S**

#### **Contract No. T100.523, Bridge Deck Reconstruction, Milepost 83 to 88**

This contract provides for the design and construction for the reconstruction of the bridge deck, structural steel repairs, superstructure strengthening, and miscellaneous repairs of the New Jersey Turnpike Raritan River Bridge Str. Nos. 84.24N&S, 84.55N&S and 85.77N.

Percent Complete:	0
Original Contract Value:	\$172,657,000
Present Contract Value:	\$172,657,000
Construction Start Date:	December 21, 2021
Original Completion Date:	July 15, 2025

Remarks: Contract was authorized at the December 21, 2021 Commission Meeting.

Fund 500 provides budget for design, construction and construction supervision services for Contract No. T100.523. Dewberry Engineers, Inc. was issued OPS No. T3736 Supplement A in the amount of \$4,700,000.00 to perform accelerated design services for the deck reconstruction of Turnpike Str. Nos. 84.24 and 84.55N. D'Annunzio & Sons, Inc. is the contractor and WSP USA, Inc. was issued OPS No. T3765 in the amount of \$16,215,000.00 to perform construction supervision services.

Fund 392 provided budget for original design services for this contract. Arora and Associates, P.C. was issued OPS No. T3668 Supplement A in the amount of \$5,300,000.00 to perform design services for the rehabilitation of structural steel members and bearings, and repairs to substructure units for bridges on the Turnpike, Milepost 85.77 and 87.1.

**5000000004 Bridge Deck, Superstructure Reconstruction & Median Barrier Reconstruction, Milepost 35.5 to 44.1; Milepost 74.3 to 76.5**

This project provides design and construction for the rehabilitation and/or replacement of high priority Turnpike bridges between Milepost 35.5 to 44.1 and 74.3 to 76.5.

**Contract No. T100.586, TPK Bridge Superstructure and Median Barrier Reconstruction, Milepost 74.3 to 76.5**

This contract provides for the rehabilitation of structural steel members and bearings, and repair to substructure units for two Turnpike bridges, Milepost 74.31 to 74.39, which exhibit advanced deterioration of their bridge decks. The contract also includes evaluation and rehabilitation of roadway features and median barrier reconstruction within the project limits.

Percent Complete:	1
Original Contract Value:	\$25,985,430
Present Contract Value:	\$25,985,430
Construction Start Date:	July 27, 2021
Original Completion Date:	October 18, 2024

Remarks: Contract is on schedule.

Fund 500 provides budget for design, construction and construction supervision services for Contract No. T100.586. Michael Baker International, Inc. was issued OPS No. T3725 Supplement A in the amount of \$5,150,000.00 to perform design services for this contract and Contract No. T100.588, Turnpike Bridge Deck and Superstructure Reconstruction, Milepost 35.5 to 44.1. Joseph M. Sanzari, Inc. is the Contractor and WSP USA, Inc. was issued OPS No. T3834 in the amount of \$5,200,000.00 to perform construction supervision services.

**Contract No. T100.588, TPK Bridge Deck and Superstructure Reconstruction, Milepost 35.5 to 44.1**

This contract provides for the reconstruction of bridge decks, superstructure replacement, structural steel painting and bridge repairs of routine Turnpike bridges, Structure Nos. 35.53, 37.02A, 43.56, and 44.05A

which exhibit advanced deterioration of two bridge decks and one superstructure. The contract also includes evaluation and rehabilitation of roadway features within the project limits.

Percent Complete:	1
Original Contract Value:	\$20,136,533
Present Contract Value:	\$20,136,533
Construction Start Date:	September 2021
Original Completion Date:	November 17, 2023
Remarks:	Contract is on schedule.

Fund 500 provides budget for design, construction and construction supervision services for Contract No. T100.588. Michael Baker International, Inc. was issued OPS No. T3725 Supplement A in the amount of \$5,150,000.00 to perform design services for this contract and Contract No. T100.586, Turnpike Bridge Deck and Superstructure Reconstruction, Milepost 74.31 to 74.39. IEW Construction Group, Inc. is the Contractor and Dewberry Engineers, Inc. was issued OPS No. T3830 in the amount of \$3,495,000.00 to perform construction supervision services.

#### **5000000006 TPK Deck Reconstruction 98.48 to 98.76**

This project provides design and construction for bridge deck reconstruction of Structure Nos. 98.48 and 98.76 on the Turnpike.

##### **Contract No. T100.582, Deck Reconstruction, Milepost 98.4 To 98.7**

OPS No. T3824 will provide for the inspection and final design services to prepare a construction contract to perform bridge deck reconstruction of Structure Nos. 98.48 and 98.76 on the Turnpike. The construction will also include, substructure repairs, bearing replacement, miscellaneous steel repairs, median barrier replacement and other miscellaneous improvements.

Design Start Date:	January 26, 2021
Estimated Design Completion Date:	February 2022
Estimated Construction Start Date:	May 2022
Estimated Construction Completion Date:	TBD
Remarks:	-

Fund 500 provides budget for design services for Contract No. T100.582. T.Y. Lin International was issued OPS No. T3824 in the amount of \$5,570,000.00 to perform design services.

#### **5000000007 TPK Interim Repairs to Waterway Pier for Str. No. W115.36**

##### **Contract No. T100.563, TPK Interim Repairs to Waterway Pier for Str. No. W115.36, Western Hackensack River Bridge**

This contract will provide for interim repairs of waterway Pier 18 at Turnpike Str. No. W115.36 (Major bridge), which exhibits wide structural cracks in the pier pedestal. Work includes grouting of structural cracks, installation of an external post-tensioning system around the pier pedestal, and installation of displacement monitoring instrumentation on the pedestal.



Percent Complete: 2  
Original Contract Value: \$1,337,890  
Present Contract Value: \$1,337,890  
Construction Start Date: August 31, 2021  
Original Completion Date: February 28, 2022

Remarks: Contract is on schedule.

Fund 500 provides budget for design, construction and construction supervision services for Contract No. T100.563. Greenman-Pedersen, Inc. was issued OPS No. T3724 Supplement A in the amount of \$4,500,000.00 to perform design services for this contract as well as Contract No. T100.584, Turnpike Deck Reconstruction, Milepost E113.0 to E115.21. PKF-Mark III, Inc. is the contractor and Hardesty & Hanover Construction Services, LLC was issued OPS No. T3838 in the amount of \$410,000.00 to perform construction supervision services.

### **5000000008 TPK Reconstruction of Waterway Pier for TPK Str. No. W115.36**

#### **Contract No. T100.581, Replacement of Two Waterway Piers, Turnpike Str. No. W115.36**

OPS No. T3823 will provide for preliminary and final design services for the complete replacement of the severely deteriorated Waterway Piers 15 and 18 at Turnpike Major Bridge Str. No. 115.36 – Western Hackensack River Bridge.

Design Start Date: November 23, 2021  
Estimated Design Completion Date: April 2023  
Estimated Construction Start Date: July 2023  
Estimated Construction Completion Date: TBD

Remarks: -

Fund 500 provides budget for design services for Contract No. T100.581. Greenman-Pederson, Inc. was issued OPS No. T3823 in the amount of \$3,012,500.00 to perform design services.

### **5000000009 Rehabilitation of Structure Nos. E113.00, E113.16, E114.52 and E115.21**

#### **Contract No. T100.584, TPK Rehabilitation of Structure Nos. E113.00, E113.16, E114.52 and E115.21**

This contract will provide for the reconstruction of bridge decks, structural steel repairs, and superstructure strengthening of routine Turnpike bridge Str. Nos. E113.00, E113.16, E114.52 and E115.21. The work also includes roadway improvements and other miscellaneous work.

Percent Complete: 1  
Original Contract Value: \$42,120,784  
Present Contract Value: \$42,120,784  
Construction Start Date: August, 31 2021  
Original Completion Date: January 11, 2025

Remarks: Contract is on schedule.

Fund 500 provides budget for design, construction and construction supervision services for Contract No. T100.584. Greenman-Pedersen, Inc. was issued OPS No. T3724 Supplement A in the amount of

\$4,500,000.00 to perform design services for this contract as well as Contract No. T100.563, Interim Repairs to Waterway Pier for Turnpike Str. No. W115.36. Joseph M. Sanzari, Inc. is the Contractor and Jacobs Engineering Group, Inc. was issued OPS No. T3846 in the amount of \$7,120,000.00 to perform construction supervision services.

#### **5000002001      GSP Bridge Superstructure Replacement, Milepost 106.3 to 106.5**

##### **Contract No. P100.590, GSP Bridge Superstructure Replacement, Milepost 106.3 to 106.5**

This contract will provide for the superstructure replacement and substructure rehabilitation of four routine Parkway bridges at Interchange 105. The work also includes roadway improvements and other miscellaneous work. The three bridges exhibit advanced deterioration of the superstructures.

Percent Complete:	3
Original Contract Value:	\$16,999,613
Present Contract Value:	\$16,999,613
Construction Start Date:	September 28 2021
Original Completion Date:	November 9, 2023
Remarks:	Contract is on schedule.

Fund 500 provides budget for design, construction and construction supervision services for Contract No. P100.590. Stantec Consulting Services, Inc, was issued OPS No. P3672 Supplement A in the amount of \$1,500,000.00 to perform design services. Earle Asphalt Company is the contractor and Jacobs Engineering Group, Inc. was issued OPS No. P3831 in the amount of \$2,200,000.00 to perform construction supervision services.

#### **5000002002      GSP Str. Nos. 128.0A and 128.0B Superstructure Replacement, TPK Deck Reconstruction, Milepost 90.0 to 91.37, and GSP Str. Nos. 154.2N and 6.6S Beam Replacement**

This project provides design and construction for the rehabilitation and/or replacement of high priority Turnpike and Parkway mainline bridges.

##### **Contract No. P100.579, GSP Bridge Deck and Superstructure Reconstruction, Milepost 124.4 to 128.1**

This contract provides for the rehabilitation of structural steel members and bearings, and repair to substructure units for six Parkway bridges, Str. Nos. 124.4NO, 124.5SO, 124.5SI, 124.6NI, 128.0A, and 128.0B, which exhibit advanced deterioration of their superstructures. The contract also includes evaluation and rehabilitation of roadway features within the project limits.

Design Start Date:	August 25, 2020
Design Completion Date:	September 2021
Estimated Construction Start Date:	January 25, 2022
Estimated Construction Completion Date:	2025
Remarks:	-

Fund 500 provides budget for design services for Contract No. P100.579. Van Cleef Engineering Associates, LLC was issued OPS No. P3730 Supplement A in the amount of \$5,400,000.00 to perform design services for this contract, Contract No. T100.587, Turnpike Deck Reconstruction, Milepost 90.0 to 91.37 and Contract No. P100.589, Parkway Str. Nos. 154.2N and 6.6S Beam Replacement. Van Cleef Engineering Associates, LLC was also issued OPS No. P3730 Supplement B in the amount of \$940,000.00 to perform unanticipated design and post-design services beyond the current scope of work for this contract and Contract No. T100.587, TPK Deck Reconstruction, Milepost 90.0 to 91.37.

**Contract No. P100.589, Parkway Str. Nos. 154.2N and 6.6S Beam Replacement**

This contract provides for the rehabilitation of structural steel members and bearings, and repair to substructure units for Parkway Str. Nos. 154.2N and 6.6S which were critically damaged by a vehicle impact. The contract also includes evaluation and rehabilitation of roadway features within the project limits.

Percent Complete:	98
Original Contract Value:	\$1,485,735
Present Contract Value:	\$1,485,735
Construction Start Date:	February 23, 2021
Original Completion Date:	November 30, 2021
Estimated Substantial Completion Date	February 9, 2022
Remarks:	Final Inspection anticipated for February 9, 2022.

Fund 500 provides budget for design, construction and construction supervision services for Contract No. P100.589. Van Cleef Engineering Associates, LLC was issued OPS No. P3730 Supplement A in the amount of \$5,400,000.00 to perform design services for this contract, Contract No. T100.587, Turnpike Deck Reconstruction, Milepost 90.0 to 91.37 and Contract No. P100.579, GSP Bridge Deck and Superstructure Reconstruction, Milepost 124.4 to 128.1. Sparwick Contracting, Inc. is the contractor and Remington & Vernick Engineers was awarded OPS No. P3849 in the amount of \$445,000.00 to provide construction supervision services.

**Contract No. T100.587, TPK Deck Reconstruction, Milepost 90.0 to 91.37**

This contract provides for the rehabilitation of structural steel members and bearings, and repair to substructure units for five bridge structures on the Turnpike, Mileposts 90.0 to 91.37. The contract also includes evaluation and rehabilitation of roadway features within the project limits.

Percent Complete:	0
Original Contract Value:	\$31,472,110
Present Contract Value:	\$31,472,110
Construction Start Date:	November 23, 2021
Original Completion Date:	July 31, 2024
Remarks:	Contract was authorized at the November 23, 2021 Commission Meeting. Notice to proceed was December 22, 2021.

Fund 500 provides budget for design, construction and construction supervision services for Contract No. T100.587. Van Cleef Engineering Associates, LLC was issued OPS No. P3730 Supplement A in the amount

of \$5,400,000.00 to perform design services for this contract, Contract No. P100.579, GSP Bridge Deck and Superstructure Reconstruction, Milepost 124.4 to 128.1 and Contract No P100.589, Parkway Str. Nos. 154.2N and 6.6S Beam Replacement. Van Cleef Engineering Associates, LLC was also issued OPS No. P3730 Supplement B in the amount of \$940,000.00 to perform unanticipated design and post-design services beyond the current scope of work for this contract and Contract No. P100.579, GSP Bridge Deck and Superstructure Reconstruction, Milepost 124.4 to 128.1. Ferreira Construction Co., Inc. is the contractor and Greenman-Pederson, Inc. was awarded OPS No. T3832 in the amount of \$5,040,000.00 to provide construction supervision services.

### **5000002003 GSP Deck Reconstruction, Milepost 169.2 to 171.7**

This project provides design and construction for the rehabilitation and/or replacement of the eight high priority Parkway mainline bridges.

#### **Contract No. P100.583, Deck and Superstructure Replacement, Milepost 169.2 to 171.7**

This contract provides for replacement of severely deteriorated deck and prestressed concrete girder superstructures of eight high priority routine Parkway bridges between Milepost 169.2 and 171.7. Additional improvements include approach roadway paving, drainage pipe cleaning, guide rail upgrades and roadway lighting upgrades.

Design Start Date:	December 22, 2020
Estimated Design Completion Date:	March 2022
Estimated Construction Start Date:	June 2022
Estimated Construction Completion Date:	TBD
Remarks:	-

Fund 500 provides budget for design services for Contract No. P100.583. Hardesty & Hanover, LLC was issued OPS No. P3825 in the amount of \$5,450,000.00 to perform design services for this contract.

### **5000004002 TPK Rehabilitation of Concrete Median Barrier, Milepost 89 to 122**

This project provides design and construction for the rehabilitation of and replacement of median Barrier along the Turnpike from Milepost 89 to 122.

#### **Contract No. T200.593, Construction of Concrete Barrier at Maintenance District TMD 3 and TMD 5**

The work to be performed under this contract includes the construction of concrete barrier at Turnpike Maintenance District 3 at Milepost 56.0 NB in Burlington County and Turnpike Maintenance District 5 at Milepost 81.0 SB in Middlesex County.

Percent Complete	99
Original Construction Value:	\$1,140,289
Present Construction Value:	\$1,140,289
Construction Start Date:	February 23, 2021
Original Completion Date:	August 11, 2021

Substantial Completion Date: October 12, 2021

Remarks: Final Inspection was performed on October 12, 2021, closeout is in progress.

Fund 500 provides budget for design, construction and construction supervision services for Contract No. T200.593. Gannet Fleming, Inc. was issued OPS No. A3678 D20 in the amount of \$285,000.00 to perform design services for this contract and Contract No. T200.596. Berto Construction, Inc. is the contractor and Gannet Fleming, Inc. is providing construction supervision services under OPS No. A3678 C23 in an amount of \$285,000.00.

**Contract No. T200.596, Rehabilitation of Concrete Median Barrier, Milepost 89 to 122**

The work to be performed under this contract includes the removal and replacement of concrete median barrier exhibiting moderate to severe deterioration at various locations along the Turnpike from Milepost 89 to 122.

Percent Complete:	2
Original Contract Value:	\$2,895,472
Present Contract Value:	\$2,895,472
Construction Start Date:	September 28, 2021
Original Completion Date:	December 9, 2022

Remarks: Contract is on schedule.

Fund 500 provides budget for design, construction and construction supervision services for Contract No. T200.596. Gannet Fleming, Inc. was also issued OPS No. A3678 D20 in the amount of \$285,000.00 to perform design services for this contract and Contract No. T200.593. Ferreira Construction Co. Inc. is the contractor and T.Y. Lin International was issued OPS No. T3857 in the amount of \$635,000.00 to perform construction supervision services.

**5000010000 GSP CMP Rehabilitation MP 110.6 to 116.4**

**Contract No. P200.568, Drainage Rehabilitation and Slip Lining, Milepost 110.6 to 116.4**

Agreement 179-21 will provide for the purchase of riparian mitigation credits to mitigate for up to 0.418 acres of riparian zone impacted by improvements proposed for Construction Contract No. P200.568. The Flood Hazard Area Permits issued for the project require compensation in the form of creation, enhancement, restoration, preservation, riparian credit purchase from an approved mitigation bank, or combination thereof. The Marsh Box Brook I or II Mitigation Bank owned and operated by Evergreen Environmental, LLC was verified by the New Jersey Department of Environmental Protection to be the only bank within the project's watershed that offers riparian credits.

**5000010001 GSP Culvert Rehabilitation, Milepost 111.5**

This project provides design and construction for the rehabilitation of the high priority Parkway culverts at Milepost 111.5.

**Contract No. P200.491, GSP Culvert Rehabilitation, Milepost 111.5**

This contract provides for the structural rehabilitation of twin 132” diameter corrugated metal pipe (CMP) culverts under GSP Northbound and Southbound, Express and Local Roadways at Milepost 111.5. The work also includes the rehabilitation of a 48” diameter CMP, rip rap installation, headwall repairs and other miscellaneous work.

Percent Complete:	48
Original Contract Value:	\$5,670,490
Present Contract Value:	\$5,670,490
Construction Start Date:	December 17, 2020
Original Completion Date:	May 9, 2022
Remarks:	Contract is on schedule.

Fund 500 provides budget for construction and construction supervision services for Contract No. P200.491. McCormick Taylor was issued OPS No. P3696 in the amount of \$1,980,000.00 under Fund 30 to perform design services. McCormick Taylor also was issued OPS No. P3696 Supplements A & B in the amount of \$500,000.00 and \$490,000.00 under Fund 30 to perform fast track and unanticipated design services. Joseph M. Sanzari, Inc. is the contractor and WSP USA, Inc. was issued OPS No. P3705 in the amount of \$990,000.00 to provide construction supervision services.

**5000010002 GSP Culvert Rehabilitation, Milepost 112.7**

This project provides design and construction for the rehabilitation of the high priority Parkway culverts at Milepost 112 to 113.

**Contract No. P200.545, GSP Culvert Repairs Milepost 112 to 113**

This contract provides for the structural rehabilitation of existing 120” corrugated metal pipe (CMP) culverts under the Parkway Northbound and Southbound, Express and local Roadways at Milepost 112.17. Work also includes drainage repairs and replacements, concrete headwall installation, and other miscellaneous work.

Percent Complete:	0
Original Contract Value:	\$7,828,594
Present Contract Value:	\$7,828,594
Construction Start Date:	November 23, 2021
Original Completion Date:	September 15, 2023
Remarks:	Contract was authorized at the November 23, 2021 Commission Meeting.

Fund 500 provides budget for riparian credits, construction and construction supervision services for Contract No. P200.545. Boswell Engineering was issued OPS No. P3782 in the amount of \$1,100,000.00 under Fund 30 to perform design services. Carbro Constructors Corp. is the contractor and Tectonic Engineering & Surveying Consultants P.C. was issued OPS No. P3804 in the amount of \$1,430,000.00 to perform construction supervision services. Agreement No. 177-21, will provide for the purchase of riparian



mitigation credits to mitigate 0.35 acres of riparian zone impacted by improvements proposed for Contract No. P200.545.

**Contract No. P200.594, GSP Culvert Rehabilitation, Milepost 112.17**

This contract provides for the structural rehabilitation of the corrugated metal pipe culvert located at Parkway Milepost 112.17 and repair/replacement of adjacent stormwater collection facilities. The culvert is rated in poor structural condition and exhibits corrosion and extensive deformation.

Design Start Date:	August 25, 2020
Estimated Design Completion Date:	December 21, 2021
Estimated Construction Start Date:	March 2022
Estimated Construction Completion Date:	January 2023
Remarks:	-

Fund 500 provides budget for design services for Contract No. P200.594. Boswell Engineering was issued OPS No. P3782 Supplement A in the amount of \$525,000.00 to perform design services.

**5000010003 GSP Culvert Repairs, Milepost 115 to 116**

**Contract No. P200.546, GSP Culvert Repairs, Milepost 115 to 116**

This contract provides for the replacement of existing 66" diameter corrugated metal pipe (CMP) culvert under the Garden State Parkway Southbound at Milepost 115.13S and modification/repair of existing headwalls, stormwater drainage features, rip-rap installation and other miscellaneous work.

Percent Complete:	15
Original Contract Value:	\$3,302,913
Present Contract Value:	\$3,302,913
Construction Start Date:	April 27, 2021
Original Completion Date:	April 19, 2022
Remarks:	Contract is on schedule.

Fund 500 provides budget for riparian credits, construction and construction supervision services for Contract No. P200.546. McCormick Taylor was issued OPS No. P3783 in the amount of \$1,300,000 under Fund 30 to perform design services. Agreement No. 174-21, will provide for the purchase of riparian mitigation credits to mitigate 0.164 acres of riparian zone impacted by improvements proposed for Contract No. P200.546. Earle Asphalt Company is the contractor and Dewberry Engineers, Inc. was issued OPS No. P3807 in the amount of \$550,000.00 to perform construction supervision services.

**Contract No. P200.609, GSP Culvert Rehabilitation, Mileposts 115.8, 115.80A and 115.81**

This contract provides for the structural rehabilitation of corrugated metal pipe culverts located at Parkway Mileposts 115.80, 115.80A and 115.81 and repair/replacement of adjacent stormwater collection facilities. The culverts are rated in poor structural condition and exhibit corrosion, deformation, and section loss.

Percent Complete:	1
Original Contract Value:	\$9,440,645

Present Contract Value: \$9,440,645  
Construction Start Date: October 2021  
Original Completion Date: April 16, 2023  
Remarks: Contract is on schedule.

Fund 500 provides budget for riparian credits, construction and construction supervision services for Contract No. P200.609. McCormick Taylor, Inc. was issued OPS No. P3783 Supplement A in the amount of \$775,000.00 to perform design services. Roman E&G Corp. is the contractor and Naik Construction Group P.C. was issued OPS No. P3853 in the amount of \$1,250,000 to perform construction supervision services. Agreement No. 176-21, will provide for the purchase of riparian mitigation credits to mitigate 0.15 acres of riparian zone impacted by improvements proposed for Contract No. P200.609.

#### **5000010004     Heards Brook Improvements**

This project provides design and construction for improvements to Heards Brook.

##### **Contract No. A900.557, Heards Brook Improvements**

This OPS will provide for preliminary and final design services and permitting for improvements along Heards Brook adjacent to the Authority's Headquarters property in Woodbridge Township, Middlesex County. Specific design services include bank stabilization; rehabilitation of the Heards Brook culvert; stormwater management implementation near Turnpike Interchange 11 for flood mitigation, post design services, and other related work.

Design Start Date: February 23, 2021  
Estimated Design Completion Date: December 2022  
Estimated Construction Start Date: March 2023  
Estimated Construction Completion Date: TBD  
Remarks: -

Fund 500 provides budget for design services for Contract No. A900.557. Churchill Consulting Engineers, P.C. was issued OPS No. A3790 in the amount of \$2,980,000.00 to perform design services.

#### **5000010005     Culvert Repairs Interchange 100**

This project provides for the design and construction of structural rehabilitation or repair of culverts at Garden State Parkway Interchange 100.

##### **OPS No. P3850, Design Services for Contract No. P200.604, Culvert Repairs Interchange 100**

This OPS will provide the preparation of preliminary and final design engineering and permitting services for the structural rehabilitation or repair of Garden State Parkway culverts at Interchange 100.

Design Start Date: April 27, 2021  
Estimated Design Completion Date: April 2022  
Estimated Construction Start Date: July 2022  
Estimated Construction Completion Date: TBD

Remarks: -

Fund 500 provides budget for design services for Contract No. P200.604. Michael Baker International, Inc. was issued OPS No. P3850 in the amount of \$3,150,000.00 to perform preliminary design, final design, and permitting services for this project.

#### **5000010006 Culvert Repairs, Milepost 109 to 111 and Milepost 123 to 128**

This project provides the design and construction for the structural rehabilitation or repair of Turnpike and Garden State Parkway culverts.

#### **OPS No. A3849, Design Services for Contract No. T200.605, Culvert Repairs Milepost W112.72N; Contract No. P200.606, Culvert repairs Milepost 109 to 111; and Contract No. P200.607, Culvert Repairs Milepost 123.7S**

This OPS will provide the preparation of preliminary and final design engineering and permitting services for the structural rehabilitation or repair of Garden State Parkway culverts between Mileposts 109 to 111, at Milepost 123.7S, and New Jersey Turnpike Milepost W112.72N.

Design Start Date: April 27, 2021

Estimated Design Completion Date: March 2022

Estimated Construction Start Date: June 2022

Estimated Construction Completion Date: TBD

Remarks: The estimated construction start date for Contract No. T200.605 is June 2022 while the estimated construction start date for Contract Nos. P200.606 and P200.607 is July 2022.

Fund 500 provides budget for design services for Contract No. T200.605, P200.606 & P200.607. McCormick Taylor was issued OPS No. A3849 in the amount of \$4,925,000.00 to perform preliminary and final design services for this project.

#### **5000026001 GSP Interchange 80 Completion and Capacity Enhancements between 80-83**

This project provides for operational improvements to mitigate ramp queuing impacts on mainline traffic along the Garden State Parkway between Interchanges 80 and 83 and completion of missing ramp movements at Interchange 80.

#### **OPS No. P3828, GSP Preliminary Engineering and Environmental Permitting for Operational Improvements, Milepost 80 to 83**

This OPS will provide the preparation of preliminary design documents, environmental studies and environmental permit applications to obtain agency approvals for operational improvements to mitigate ramp queuing impacts on mainline traffic along the Garden State Parkway between Interchanges 80 and 83 and completion of missing ramp movements at Interchange 80.

Design Start Date: December 22, 2020

Estimated Design Completion Date: June 2023  
Remarks: Permits are anticipated to be secured by June 2023.

Greenman-Pedersen, Inc. was issued OPS No. P3828 in the amount of \$6,100,000.00 to perform preliminary design documents, environmental studies, and environmental permit applications for this project.

### **5000026002 Interchange 13 Completion**

This project provides for the advancement of preliminary engineering improvements at Garden State Parkway Interchange 13.

#### **OPS No. P3421 Supplement B, Program Management Services for the GSP Widening between Interchanges 30 and 48**

This Supplement B to OPS No. P3421 provides for the advancement of preliminary engineering design services, including data collection, additional mapping and advanced utility coordination at Interchange 13.

Design Start Date: May 25, 2021  
Estimated Design Completion Date: TBD  
Remarks: -

Atkins North America, Inc. was issued OPS No. P3421 in the amount of \$6,900,000.00 in November of 2011 to provide program management services to facilitate the Final Design of Phase 3 of the GSP 30 to 80 Widening Program. Atkins North America, Inc. was issued Supplement A in the amount of \$1,700,000.00 for additional program management services and data collection required for advancement of the shoulder widening of GSP from Milepost 30 to 35. Atkins North America, Inc. was issued Supplement B in the amount of \$2,800,000.00; which allocates \$1,200,000.00 for preliminary engineering design services at Interchange 13 and \$1,600,000.00 for preliminary engineering design services at Interchanges 29 and 30.

### **5000026003 Interchange 29 Completion**

This project provides for the advancement of preliminary engineering improvements at Garden State Parkway Interchange 29.

#### **OPS No. P3421 Supplement B, Program Management Services for the GSP Widening between Interchanges 30 and 48**

This Supplement B to OPS No. P3421 provides for the advancement of preliminary engineering design services, including data collection, additional mapping and advanced utility coordination at Interchanges 29 and 30 including the roadway between Interchange 29 and 30.

Design Start Date: May 25, 2021  
Estimated Design Completion Date: TBD  
Remarks: -

Fund 500 provides budget for design services for this project. Atkins North America, Inc. was issued OPS No. P3421 in the amount of \$6,900,000.00 in November of 2011 to provide program management services to facilitate the Final Design of Phase 3 of the GSP 30 to 80 Widening Program. Atkins North America, Inc. was issued Supplement A in the amount of \$1,700,000.00 for additional program management services and data collection required for advancement of the shoulder widening of GSP from Milepost 30 to 35. Atkins North America, Inc. was issued Supplement B in the amount of \$2,800,000.00; which allocates \$1,200,000.00 for preliminary engineering design services at Interchange 13 and \$1,600,000.00 for preliminary engineering design services at Interchanges 29 and 30.

**5000028000 Roadway Stabilization and Reprofilling Improvements MP 97.1 to 98 and 102 to 104.5**

**Contract No. T200.608, Roadway Stabilization and Reprofilling Improvements Milepost 97.1 to 98.0 NSI, NSO, SNI, SNO and 102.0 to 104.5 SNO**

This OPS will provide for detailed inspections and final design services for the preparation of contract documents to stabilize subsurface soils supporting existing roadway pavements and the reprofilling of all Turnpike mainline roadways from Milepost 97.1 to 98.0 and only the SNO from Milepost 102.0 to 104.5.

Design Start Date: September 28, 2021  
Estimated Design Completion Date: March 2023  
Remarks: -

Fund 500 provides budget for design services for Contract No. T200.608. McCormick Taylor, Inc. was issued OPS No. T3851 in the amount of \$6,490,000.00 to perform design services for this contract.

**5000030001 GSP Service Area Ramp Widenings**

This project provides design and construction for the widening of Parkway Service Area ramps.

**Contract No. P200.578, GSP Service Area Ramp Widenings**

This contract provides for improvements at 35 ramps that facilitate access to 11 Service Areas along the Garden State Parkway. Design services include evaluation of existing geometric conditions of all ramp elements, preparation of recommendations for improvements, design of utility relocations, securing environmental permits, post design services and other related work.

Design Start Date: October 27, 2020  
Estimated Design Completion Date: November 2021  
Estimated Construction Start Date: February 2022  
Estimated Construction Completion Date: TBD  
Remarks: -

Fund 500 provides budget for design services for Contract No. P200.578. AECOM, Inc. was issued OPS No. P3822 in the amount of \$3,545,000.00 to perform design services for this contract.

## **5000040001 TPK Lighting Improvements at Interchanges Nos. 12 and 13**

This project provides design and construction for lighting upgrades on the New Jersey Turnpike at Interchanges Nos. 12 and 13.

### **Contract No. T200.575, TPK Roadway Lighting Repairs Interchanges 12 and 13, Milepost 95.3 to 96.5 and 97.8 to 100.2**

This contract provides upgraded roadway lighting systems at Turnpike Interchanges Nos. 12 and 13. The work includes replacement of HPS luminaires with LED luminaires on existing poles, installation of conduit, wiring and load centers.

Percent Complete:	1
Original Contract Value:	\$8,988,000
Present Contract Value:	\$8,988,000
Construction Start Date	October 26, 2021
Original Completion Date:	July 21, 2023
Remarks:	The Pre-Construction Meeting was held on December 1, 2021. Notice to proceed was December 22, 2021.

Fund 500 provides budget for construction and construction supervision services for Contract No. T200.575. Michael Baker International was issued OPS No. T3719 Supplement A in the amount of \$1,495,000.00 under Fund 30 to perform design services. Daidone Electric, Inc. is the contractor and Jacob's Engineering Group, Inc. was issued OPS No. T3856 in the amount of \$2,315,000.00 to provide construction supervision services.

## **5000040002 TPK Lighting Repairs at Interchange 14 and NBHCE**

This project provides design and construction for lighting upgrades on the New Jersey Turnpike at Interchange 14 and the Newark Bay-Hudson County Extension.

### **Contract No. T200.508, TPK Roadway Lighting Repairs Interchange 14 and NBHCE**

This contract provides upgraded roadway lighting systems at Turnpike Interchange 14 and the Newark Bay-Hudson County Extension. Existing lighting systems will be updated to LED lighting.

Percent Complete:	22
Original Contract Value:	\$11,683,220
Present Contract Value:	\$11,683,220
Construction Start Date	January 19, 2021
Original Completion Date:	August 16, 2022
Estimated Completion Date:	March 15, 2023
Remarks:	Contract is approximately seven months behind schedule due to material delays from pandemic and a change of plan added to the contract. Currently reviewing schedule to recover some of the delay.

Fund 500 provides budget for construction and construction supervision services for Contract No. T200.508. Michael Baker International was issued OPS No. T3719 Supplement A in the amount of



\$1,495,000.00 under Fund 30 to perform design services. H.B.C. Company, Inc. is the contractor and Gannett Fleming, Inc. was issued OPS No. T3751 in the amount of \$1,560,000.00 to provide construction supervision services.

#### **5000040004 TPK Lighting Repairs at Interchange Nos. 7A, 8A, 10 and 11**

##### **Contract No. T200.569, Lighting Repairs TPK Interchanges 7A and 8A**

This contract provides upgraded roadway lighting systems at Interchanges 7A and 8A. Existing lighting systems will be updated to LED lighting.

Percent Complete	0
Original Contract Value:	\$6,948,000
Present Contract Value:	\$6,948,000
Construction Start Date:	December 21, 2021
Original Completion Date:	June 2, 2023

Remarks: Contract was authorized at the December 21, 2021 Commission Meeting.

Fund 500 provides budget for design, construction and construction supervision services for Contract No. T200.569. Michael Baker International was issued OPS No. T3791 in the amount of \$3,575,000.00 to perform design services for this contract and Contract No. T200.570, Lighting Repairs at TPK Interchanges 10 and 11. Daidone Electric, Inc. is the contractor and Aptim Environmental & Infrastructure, LLC was issued OPS No. T3859 in the amount of \$1,460,000.00 to provide construction supervision services.

##### **Contract No. T200.570, Lighting Repairs TPK Interchanges 10 and 11**

This contract provides upgraded roadway lighting systems at Interchanges 10 and 11. Existing lighting systems will be updated to LED lighting.

Design Start Date:	September 22, 2020
Estimated Design Completion Date:	September 2022
Estimated Construction Start Date:	November 2022
Estimated Construction Completion Date:	2023

Remarks: -

Fund 500 provides budget for design services for Contract No. T200.570. Michael Baker International was issued OPS No. T3791 in the amount of \$3,575,000.00 to perform design services for this contract and Contract No. T200.569, Lighting Repairs at TPK Interchanges 7A and 8A.

#### **5000042001 GSP Interchange 120 Lighting Improvements**

This project provides design and construction of roadway improvements to the Garden State Parkway at Interchange 120.

##### **Contract No. P200.610, Interchange 120 Lighting Improvements**

This contract consists of removing Utility owned lighting and installing new Authority owned lighting at Interchange 120, Garden State Parkway in Old Bridge, New Jersey.

Percent Complete	48
Original Contract Value:	\$2,035,940
Present Contract Value:	\$2,035,940
Construction Start Date:	March 23, 2021
Original Completion Date:	May 31, 2022
Remarks:	Contract is on schedule.

Fund 500 provides budget for construction and construction supervision services for Contract No. P200.610. HBC Company, Inc. is the contractor and Churchill Consulting Engineers, PC is providing construction supervision services under OPS No A3803.

### **5000042002     Lighting Improvements at GSP Interchange Nos. 117 and 118**

This project provides design and construction of roadway lighting improvements to the Garden State Parkway at Interchanges 117 and 118.

#### **Contract No. P200.537, Lighting Improvements at Interchanges 117 and 118, Milepost 118**

This contract will provide for the removal and replacement of utility owned lighting, and installation of new Authority owned lighting at Interchanges 117 and 118.

Percent Complete	4
Original Contract Value:	\$4,053,063
Present Contract Value:	\$4,053,063
Construction Start Date:	May 25, 2021
Original Completion Date:	August 28, 2022
Remarks:	Contract is on schedule.

Fund 500 provides budget for construction and construction supervision services for Contract No. P200.537. PKF-Mark III, Inc. is the contractor and Churchill Consulting Engineers, PC is providing construction supervision services under OPS No. A3803.

### **5000042003     GSP Interchange 102 & Interchange 105**

This project provides design and construction of roadway improvements to the Garden State Parkway at Interchanges 102 and 105.

#### **Contract No. P200.566, Lighting Improvements at Interchange 102 & Interchange 105**

This contract will provide for the removal of Utility owned lighting and installing new Authority owned lighting at Interchanges 102 and 105, Garden State Parkway in Tinton Falls, New Jersey.

Percent Complete:	56
Original Contract Value:	\$2,268,000
Present Contract Value:	\$2,268,000
Construction Start Date:	March 23, 2021
Original Completion Date:	May 13, 2022

Remarks: Contract is on schedule.

Fund 500 provides budget for construction and construction supervision services for Contract No. P200.566. Daidone Electric, Inc. is the contractor and Churchill Consulting Engineers, PC is providing construction supervision services under OPS No. A3803.

### **5000052000 Horizontal Curve Warning Signs**

This project provides for the design and construction of Horizontal Curve Warning Signs at site-specific ramp bridges and associated approaches on the New Jersey Turnpike and the Garden State Parkway.

**OPS No. A3872, Design Services for Contract No. A100.614, Curve Advisory Sign Installation, New Jersey Turnpike Milepost 90.9 to 119.1, and Milepost N7.7 to N7.9, and Garden State Parkway Milepost 130.0 to 160.2**

This OPS will provide final design services for the installation of site-specific curve advisory signs on 44 ramp bridges and associated approaches of the New Jersey Turnpike Milepost 90.9 to 119.1 and Milepost N7.7 to N7.9, and the Garden State Parkway Milepost 130.0 to 160.2.

Design Start Date: June 22, 2021

Estimated Design Completion Date: March 2022

Estimated Construction Start Date: June 2022

Estimated Construction Completion Date: TBD

Remarks: -

Fund 500 provides budget for design services for Contract No. A100.614. Van Cleef Engineering Associates, LLC was issued OPS No. A3872 in the amount of \$1,600,000.00 to perform final design services

### **5000052001 TPK Installation of Hybrid Changeable Message Signs at Various Locations**

This project provides design and construction for the rehabilitation and/or replacement of Turnpike Changeable Message Signs and Sign Structures.

**Contract No. T600.481B, Installation of Hybrid Changeable Message Signs at Various Locations on the New Jersey Turnpike**

This contract includes the replacement of existing Changeable Message Sign (CMS) with new Hybrid Changeable Message Signs (HCMS) and structures at various locations on the New Jersey Turnpike. The project provides for design and construction of the HCMS supports, provision and installation of HCMS, and connectivity utilizing fiber optic communications networks back to the Statewide Traffic Management Center (STMC). All signs will be monitored and controlled from the STMC. Work also includes the removal of existing sign structures and the construction of new overhead sign structures along with associated roadside safety features.

Percent Complete: 20

Original Contract Value: \$31,791,714  
Present Contract Value: \$31,791,714  
Construction Start Date: February 23, 2021  
Original Completion Date: August 31, 2023  
Remarks: Contract is on schedule.

Fund 390 provides budget for design services for Contract Nos. T600.481A and T600.481B under Project No. 39006019. TY Lin International was awarded OPS No. T3675 in the amount of \$10,700,000.00 to perform design services. Fund 500 provides budget for construction and construction supervision services. PFK-Mark III, Inc. is the contractor and M&J Engineering, P.C. was awarded OPS No. T3749 in the amount of \$5,520,000.00 to perform construction supervision services.

Fund 500 provides for accelerated design services for the removal and construction of 21 additional overhead aluminum sign structures on the Turnpike that have experienced severe structural deterioration. T.Y. Lin International was issued OPS No. T3675 Supplement A in the amount of \$2,500,000.00 to perform additional design services.

#### **5000052002 Guide Sign Improvements on the New Jersey Turnpike**

##### **Contract No. T600.595, Guide Sign Improvements on the New Jersey Turnpike**

This contract will provide for the removal of existing overhead guide sign structures and sign panels and replacement with new guide sign structures and sign panels. The proposed work also includes foundation construction, furnishment and installation of overhead sign support structures, installation of roadway safety features and associated roadway and sign lighting. The work is being done at 19 locations along the New Jersey Turnpike from Milepost 34.33N to Milepost 121.70.

Percent Complete: 2  
Original Contract Value: \$13,374,467  
Present Contract Value: \$13,374,467  
Construction Start Date: August 31, 2021  
Original Completion Date: February 28, 2023  
Remarks: Contract is on schedule.

Fund 500 provides budget for construction and construction supervision services for Contract No. T600.595. Creamer Ruberton, A Joint Venture is the contractor and Dewberry Engineers, Inc. was issued OPS No. T3855 in the amount of \$2,890,000.00 to perform construction supervision services.

#### **5000056001 TPK Newark Bay-Hudson County Extension Capacity Enhancements**

This project provides design and construction for widening and rehabilitation of the entire 8.1 Newark Bay-Hudson County Extension.

**OPS No. T3820, Preliminary Design and Environmental Services for Newark Bay-Hudson County Extension**

This OPS will provide for preliminary design and comprehensive environmental services for the widening/rehabilitation of the entire 8.1 mile Newark Bay-Hudson County Extension from Interchange 14 in Newark, exclusive of the interchange itself, to the eastern terminus of the Authority's jurisdiction at Jersey Avenue in Jersey City.

Design Start Date: January 26, 2021

Estimated Design Completion Date: February 2023

Remarks: -

Fund 500 provides budget for design services for this project. Gannett Fleming, Inc. was issued OPS No. T3820 in the amount of \$30,250,000.00 to perform design services. This corridor has been determined to need operational and capacity improvements as well as structural improvements.

In December of 2021 the authority authorized the Executive Director to prepare all steps necessary for acquiring a parcel deemed necessary in order to address stormwater management requirements for the Program. Also authorized an agreement with Conrail regarding preliminary engineering and final design in which the Authority will reimburse Conrail in an amount not to exceed \$400,000.00.

**5000056003 TPK Mainline Capacity Enhancements between Interchanges Nos. 1 to 4**

This project provides program management, design, and construction for widening of the New Jersey Turnpike between Interchanges 1 to 4.

**OPS No. T3839, Program Manager and Environmental Services for New Jersey Turnpike Interchange 1 to 4 Widening Program**

This OPS will provide for program management, preparation of preliminary design documents and comprehensive environmental services for the one lane widening in each direction of the existing four-lane New Jersey Turnpike from the southern terminus of Interchange 1 (Route 49) to just north of Interchange 4, connecting to the existing six-lane roadway. The proposed Turnpike mainline widening is approximately 36.5 miles through 16 municipalities, in four counties within southern New Jersey. Environmental studies and environmental permit applications will be prepared and submitted to obtain required agency approvals.

Design Start Date: March 23, 2021

Estimated Design Completion Date: 2029

Remarks: -

Fund 500 provides budget for design services for this project. AECOM was issued OPS No. T3839 in the amount of \$47,875,000.00 at the March 23, 2021 Commission Meeting.

## B. SUMMARY OF ACTIVE CONSTRUCTION CONTRACTS BY PROJECT

Active construction contracts during the reporting period are summarized in the table below. The percent complete, contract values, and completion dates reflect information obtained through reviews of contract documentation, information reviewed with Authority staff, and information provided in the latest Monthly Board Meeting Agenda (December 2021). All contract values in the table have been rounded to the nearest dollar.

Contract No.	Contractor	Percent Complete (%)	Original Contract Value	Present Contract Value	Original Completion Date	Revised Completion Date	Substantial Completion Date	Estimated Completion Date
<b>5000000003 TPK Rehabilitation of Bridge Nos. W107.87, E107.88 and 84.24N&amp;S</b>								
T100.523	D'Annunzio & Sons, Inc.	0	\$172,657,000	\$172,657,000	7/15/2025	--	--	--
<b>5000000004 Bridge Deck, Superstructure Reconstruction &amp; Median Barrier Reconstruction, Milepost 35.3 to 37.9 and Milepost 74.3 to 74.4</b>								
T100.586	Joseph M. Sanzari, Inc.	1	\$25,985,430	\$25,985,430	10/18/2024	--	--	--
T100.588	IEW Construction Group, Inc.	1	\$20,136,533	\$20,136,533	11/17/2023	--	--	--
<b>5000000007 TPK Interim Repairs to Waterway Pier for Str. No. W115.36</b>								
T100.563	PKF-Mark III, Inc.	2	\$1,337,890	\$1,337,890	2/28/2022	--	--	--
<b>5000000009 Rehabilitation of Structure Nos. E113.00, E113.16, E114.52 and E115.21</b>								
T100.584	Joseph M. Sanzari, Inc.	1	\$42,120,784	\$42,120,784	1/11/2025	--	--	--
<b>5000002001 GSP Bridge Superstructure Replacement, Milepost 106.3 to 106.5</b>								
P100.590	Earle Asphalt Company	3	\$16,999,613	\$16,999,613	11/9/2023	--	--	--
<b>5000002002 GSP Str. Nos. 128.0A&amp;B Superstructure Replacement, TPK Deck Reconstruction, MP 90.0-91.37 and GSP Str. 154.2N &amp; 6.6S Beam Replacement</b>								
P100.589	Sparwick Contracting, Inc.	98	\$1,485,735	\$1,485,735	11/30/2021	--	--	--
T100.587	Ferreira Construction Co. Inc.	0	\$31,472,110	\$31,472,110	7/31/2024	--	--	--
<b>5000004002 TPK Rehabilitation of Concrete Median Barrier, Milepost 89 to 122</b>								
T200.593	Berto Construction, Inc.	99	\$1,140,289	\$1,140,289	8/11/2021	--	10/12/2021	--
T200.596	Ferreira Construction Co. Inc.	2	\$2,895,472	\$2,895,472	12/9/2022	--	--	--
<b>5000010001 GSP Culvert Rehab MP 111.5</b>								
P200.491	Joseph M. Sanzari, Inc.	48	\$5,670,490	\$5,670,490	5/9/2022	--	--	--



Contract No.	Contractor	Percent Complete (%)	Original Contract Value	Present Contract Value	Original Completion Date	Revised Completion Date	Substantial Completion Date	Estimated Completion Date
<b>5000010002 GSP Culvert Repairs Milepost 112 to 113</b>								
P200.545	Carbro Constructors Corp.	0	\$7,828,594	\$7,828,594	9/15/2023	--	--	--
<b>5000010003 GSP Culvert Repairs, Milepost 115</b>								
P200.546	Earle Asphalt Company	15	\$3,302,913	\$3,302,913	4/19/2022	--	--	--
P200.609	Roman E&G Corp.	1	\$9,440,645	\$9,440,645	4/16/2023	--	--	--
<b>5000040001 TPK Lighting Improvements at Interchanges Nos. 12 and 13</b>								
T200.575	Daidone Electric, Inc.	1	\$8,988,000	\$8,988,000	7/21/2023	--	--	--
<b>5000040002 TPK Lighting Repairs at Interchange 14 and NBHCE</b>								
T200.508	H.B.C. Company, Inc.	22	\$11,683,220	\$11,683,220	8/16/2022	--	--	3/15/2022
<b>5000040004 TPK Lighting Repairs at Interchange Nos. 7A, 8A, 10 and 11</b>								
T200.569	Daidone Electric, Inc.	0	\$6,948,000	\$6,948,000	6/2/2023	--	--	--
<b>5000042001 GSP Interchange 120 Lighting Improvements</b>								
P200.610	HBC Company, Inc.	48	\$2,035,940	\$2,035,940	5/31/2022	--	--	--
<b>5000042002 GSP Lighting Improvements at Interchange 117 &amp; 118</b>								
P200.537	PKF-Mark III, Inc.	4	\$4,053,063	\$4,053,063	8/28/2022	--	--	--
<b>5000042003 GSP Lighting Improvements at Interchange 102 &amp; 105</b>								
P200.566	Daidone Electric, Inc.	56	\$2,268,000	\$2,268,000	5/13/2022	--	--	--
<b>5000052001 TPK Installation of Hybrid Changeable Message Signs at Various Locations</b>								
T600.481B	PKF-Mark III, Inc.	20	\$31,791,714	\$31,791,714	8/31/2023	--	--	--
<b>5000052002 Guide Sign Improvements on the New Jersey Turnpike</b>								
T600.595	Creamer Ruberton, A Joint Venture	2	\$13,374,467	\$13,374,467	2/28/2023	--	--	--

### **C. STATUS OF CONSTRUCTION FUNDS**

Construction funds are derived from the sale of revenue bonds. The 2021-2025 CIP was adopted and approved by the Board on October 27, 2020. The 2021-2025 CIP includes the design, construction and construction supervision for 69 capital improvement projects on both the Parkway and Turnpike. This program is partially funded as part of the existing funding for the \$7B CIP with future needs funded by the issuance of new Turnpike Revenue Bonds.

As bonds are issued to cover the funding needs for the 2021-2025 CIP, a summary of the bond issuances will be provided.

The tabulations on subsequent pages are current as of the last day in the report quarter and indicate the current budget for each project. The first tabulation indicates the status of funds supplied by bond sales. The “Budget” column indicates funds to be supplied from the construction fund only. Certain projects in the tabulation may receive funds from reserve funds or other sources which are derived from revenues. “Committed” indicates the amount of funds obligated through existing agreements and the unexpended portion of awarded ongoing contracts. The second tabulation presents a comparison between the planned expenditures and actual expenditures for this year. All amounts in the tabulations were obtained from the Authority’s Finance Department.

In terms of costs expended, the 2021-2025 CIP is 24 percent complete as of the close of the quarter. Since final program schedules are not complete and most projects are in the planning stages, the program is considered on schedule. More detailed information regarding schedules will be provided in future quarterly reports. In terms of elapsed time, the program commenced in August 2020 and has been active for 1-year and 5-months.

**2021 - 2025 Capital Improvement Program, Fund 500**  
**Funds Supplied by Bond Sales**  
**As of December 31, 2021**

Project No.	Project Description	Total Project Budget	Expended thru 12/31/20	Committed	Expended YTD thru 12/31/21	Remaining Budget
5000000001	TPK Bridges (W110.42, W111.48, W112.72B)	\$54,700,000	-	\$8,692,000	-	\$46,008,000
5000000002	TPK Interchange 17 Ramp Bridge Replacement	\$105,226,488	-	\$8,083,923	\$1,360,710	\$95,781,856
5000000003	TPK Rehabilitation of Str. Nos. W107.87, E107.88 and 84.24N&S	\$198,322,098	-	\$190,548,333	\$4,004,061	\$3,769,703
5000000004	Bridge Deck, Superstructure Reconstruction & Median Barrier Reconstruction, MP 35.5 to 44.1; MP 74.3 to 76.5	\$75,751,546	\$645,643	\$54,167,917	\$5,868,220	\$15,069,766
5000000005	TPK MP 85.77 TO 87.1 Deck and Superstructure Reconstruction	\$5,433,238	\$391,222	\$1,460,108	\$3,580,267	\$1,640
5000000006	TPK Deck Recon. 98.48 to 98.76	\$32,300,000	-	\$3,005,924	\$2,640,999	\$26,653,078
5000000007	Interim Repairs to Waterway Pier for TPK Str. No. W115.36	\$6,610,006	-	\$1,460,607	\$303,265	\$4,846,134
5000000008	Reconstruction of Waterway Pier for TPK Str. No. W115.36	\$27,000,000	-	\$3,012,500	-	\$23,987,500
5000000009	Rehabilitation of Structure Nos. E113.00, E113.16, E114.52 and E115.21	\$75,047,223	-	\$48,942,145	\$525,056	\$25,580,022
5000000010	TPK Deck Reconstruction, MP P2.0 to P5.0	\$53,828,847	-	-	-	\$53,828,847
5000000012	Deck Rehabilitation of NBHCE Bridges, Zones 2 and 3	\$54,705,089	-	-	-	\$54,705,089
5000000013	TPK Deck Reconstruction, MP 105.1 to W106.68	\$19,825,475	-	-	-	\$19,825,475
5000000014	TPK Deck Reconstruction, MP 81.5 to 84.5	\$20,075,884	-	-	-	\$20,075,884
5000000015	Deck Rehabilitation of Turnpike Westerly Alignment Bridges	\$53,657,565	-	-	-	\$53,657,565
5000000016	TPK Deck Reconstruction, MP 44.7 to MP 50.3	\$30,086,055	-	-	-	\$30,086,055
5000000017	TPK Superstructure Replacement, Str. No. E111.15	\$7,992,804	-	-	-	\$7,992,804
5000000018	TPK Non-Redundant Pier Reconstruction and Bearing Imp., MP 99.0 to 100.0	\$27,000,000	-	-	-	\$27,000,000
5000000019	TPK Deck Reconstruction, MP 40.34	\$13,304,137	-	\$283,277	\$56,983	\$12,963,877
5000000020	TPK Deck Reconstruction, MP 97.5 to 98.7	\$23,625,686	-	-	-	\$23,625,686
5000000021	TPK Deck Reconstruction, MP 88.0 to MP 88.9	\$8,205,557	-	-	-	\$8,205,557
5000002001	GSP Bridge Superstructure Replacement, MP 106.3 to 106.5 (three bridges)	\$41,293,268	\$180,369	\$19,291,409	\$1,551,966	\$20,269,523
5000002002	GSP Str. Nos. 128.0A and 128.0B Superstructure Replacement, TPK Deck Reconstruction, MP 90.0 to 91.37, and GSP Str Nos. 154.2N and 6.6S Beam Replacement	\$79,704,698	\$200	\$38,901,828	\$6,226,230	\$34,576,440
5000002003	GSP Deck Reconstruction, MP 169.2 to 171.7	\$92,336,946	-	\$5,081,017	\$586,052	\$86,669,877
5000002004	GSP Superstructure Replacement, MP 150.3 to 150.4	\$46,208,595	-	-	-	\$46,208,595

Project No.	Project Description	Total Project Budget	Expended thru 12/31/20	Committed	Expended YTD thru 12/31/21	Remaining Budget
5000004002	TPK Rehabilitation of Concrete Median Barrier MP 89 to 122	\$7,023,227	\$19,428	\$3,781,156	\$1,445,838	\$1,776,805
5000004003	Median Barrier Repairs GSP MP 134 to MP 140 and TPK MP 72 to MP 89	\$28,866,096	-	\$270,046	\$237,898	\$28,358,152
5000010000	GSP CMP Rehabilitation MP 110.6 to 116.4	\$6,167,308	-	-	-	\$6,167,308
5000010001	GSP Culvert Rehab MP 111.5	\$6,660,500	\$29,182	\$2,353,775	\$4,435,916	(\$158,374)
5000010002	GSP Culvert Repairs MP 112.7	\$12,758,894	\$125,116	\$9,569,464	\$390,003	\$2,674,311
5000010003	Culvert Repairs MP 115 to 116	\$15,955,999	-	\$14,305,041	\$1,450,526	\$200,432
5000010004	Heards Brook Improvements	\$8,783,515	-	\$2,224,073	\$1,154,554	\$5,404,887
5000010005	Culvert Repairs Interchange 100	\$22,750,000	-	\$2,276,033	\$900,186	\$19,573,781
5000010006	Culvert Repairs MP 109 to 111, and MP 123 to 128	\$40,000,000	-	\$4,228,843	\$717,041	\$35,054,115
5000020001	GSP Mainline Capacity Enhancements between Interchange 129-142	\$10,000,000	-	-	-	\$10,000,000
5000020002	GSP Mainline Capacity Enhancements between Interchange 154-163	\$39,455,000	-	-	-	\$39,455,000
5000026001	GSP Interchange 80 Completion & Capacity Enhancements between 80-83	\$13,690,084	-	\$4,371,891	\$1,779,952	\$7,538,241
5000026002	Interchange 13 Completion	\$1,271,250	-	\$1,150,792	\$57,923	\$62,535
5000026003	Interchange 29 Completion	\$1,778,750	-	\$1,534,389	\$77,573	\$166,788
5000028000	Roadway Improvements Milepost 97.1 to 98 and 102 to 104.5	\$60,000,000	-	\$6,490,000	\$32	\$53,509,968
5000028001	Rehabilitation of the Turnpike Secaucus Interchange MSE Walls	\$40,000,000	-	-	-	\$40,000,000
5000028002	Repair or Replacement of Various MSE Walls	\$24,918,652	-	-	-	\$24,918,652
5000030000	Rehabilitation of the Parkway Driscoll Bridge MSE Walls, MP 127.2	\$40,000,000	-	-	-	\$40,000,000
5000030001	GSP Service Area Ramp Widening	\$20,000,000	-	\$1,358,873	\$2,251,711	\$16,389,416
5000040000	TPK Lighting Mixing Bowls North and South	\$17,200,000	-	-	-	\$17,200,000
5000040001	Lighting Improvements at Interchange Nos. 12 and 13	\$18,221,143	-	\$13,104,017	\$2,037,299	\$3,079,827
5000040002	TPK Lighting Repairs at Interchange 14 & NBHCE	\$13,740,000	\$58,845	\$9,101,392	\$4,266,999	\$312,764
5000040003	TPK Lighting 10S & 13A	\$8,000,000	-	\$4,521,225	\$63,775	\$3,415,000
5000040004	TPK Interchange Nos. 7A, 8A, 10 & 11	\$6,575,289	-	\$1,460,000	\$36,184	\$5,079,105
5000042001	GSP Interchange 120 Lighting Improvements	\$3,000,000	-	\$1,284,255	\$1,133,010	\$582,734
5000042002	Lighting Improvements at GSP Interchange Nos. 117 and 118	\$7,000,000	-	\$3,643,634	\$1,193,340	\$2,163,025
5000042003	Lighting Improvements at GSP Interchange Nos. 102 and 105	\$3,000,000	-	\$598,129	\$1,945,120	\$456,751
5000052000	Horizontal Curve Warning Signs	\$16,000,000	-	\$952,769	\$658,799	\$14,388,433
5000052001	Installation of Hybrid Changeable Message signs at Various Locations on the New Jersey Turnpike	\$45,300,003	\$58	\$29,240,084	\$11,176,079	\$4,883,782

Project No.	Project Description	Total Project Budget	Expended thru 12/31/20	Committed	Expended YTD thru 12/31/21	Remaining Budget
5000052002	Guide Sign Improvements on the New Jersey Turnpike	\$21,200,000	-	\$16,264,467	\$69,924	\$4,865,609
5000052003	CIP Support Services	\$650,000	-	\$118,547	\$489,453	\$42,000
5000056001	TPK Newark Bay Hudson County Extension Capacity Enhancements	\$285,206,745	-	\$26,597,032	\$8,841,838	\$249,767,875
5000056002	Westerly Alignment Mainline Capacity Enhancements	\$50,000,000	-	-	-	\$50,000,000
5000056003	TPK Mainline Capacity Enhancements between Interchange Nos. 1-4	\$162,645,206	-	\$40,558,737	\$7,517,267	\$114,569,202
500GSPCMR	GSP Corrugated & Culvert Rehab	\$240,902,422	-	-	-	\$240,902,422
500ITSUPGD	GSP & TPK Infra & Software Upgrade	\$134,350,000	-	-	-	\$134,350,000
500LIGHTNG	GSP & TPK Lighting Upgrades	\$63,258,712	-	-	-	\$63,258,712
500RESLNCY	Resiliency	\$139,500,000	-	-	-	\$139,500,000
500USTUPDG	GSP & TPK UST Upgrades	\$3,900,000	-	-	-	\$3,900,000
Total		\$2,791,970,000	\$1,450,065	\$584,289,652	\$81,032,050	\$2,125,198,234

Note: Costs provided by the New Jersey Turnpike Authority's Finance Department

**2021 - 2025 Capital Improvement Program, Fund 500**  
**Spend Down - Planned vs. Actual for Fund 500**  
**as of December 31, 2021**

Project No.	Project Name	Year-To-Date Planned	Year-To-Date Actual	Year-To-Date Variance	Life-To-Date Actual
5000000001	TPK Bridges (W110.42, W111.48, W112.72B)	\$234,873	-	\$234,873	-
5000000002	TPK Interchange 17 Ramp Bridge Replacement	\$1,675,106	\$1,360,710	\$314,396	\$1,360,710
5000000003	TPK Rehabilitation of Str. Nos. W107.87, E107.88 and 84.24N&S	\$2,692,920	\$4,004,061	(\$1,311,141)	\$4,004,061
5000000004	Bridge Deck, Superstructure Reconstruction & Median Barrier Reconstruction, MP 35.5 to 44.1; MP 74.3 to 76.5	\$4,766,477	\$5,868,220	(\$1,101,743)	\$6,513,863
5000000005	TPK MP 85.77 TO 87.1 Deck and Superstructure Reconstruction	\$3,108,341	\$3,580,267	(\$471,926)	\$3,971,490
5000000006	TPK Deck Recon. 98.48 to 98.76	\$2,113,443	\$2,640,999	(\$527,556)	\$2,640,999
5000000007	Interim Repairs to Waterway Pier for TPK Str. No. W115.36	\$1,376,507	\$303,265	\$1,073,242	\$303,265
5000000009	Rehabilitation of Structure Nos. E113.00, E113.16, E114.52 and E115.21	\$3,280,171	\$525,056	\$2,755,115	\$525,056
5000000019	TPK Deck Reconstruction, MP 40.34	-	\$56,983	(\$56,983)	\$56,983
5000002001	GSP Bridge Superstructure Replacement, MP 106.3 to 106.5 (three bridges)	\$1,496,616	\$1,551,966	(\$55,350)	\$1,732,336
5000002002	GSP Str. Nos. 128.0A and 128.0B Superstructure Replacement, TPK Deck Reconstruction, MP 90.0 to 91.37, and GSP Str Nos. 154.2N and 6.6S Beam Replacement	\$8,487,368	\$6,226,230	\$2,261,138	\$6,226,431
5000002003	GSP Deck Reconstruction, MP 169.2 to 171.7	\$2,571,485	\$586,052	\$1,985,433	\$586,052
5000004002	TPK Rehabilitation of Concrete Median Barrier MP 89 to 122	\$1,645,395	\$1,445,838	\$199,557	\$1,465,266
5000004003	Median Barrier Repairs GSP MP 134 to MP 140 and TPK MP 72 to MP 89	\$76,886	\$237,898	(\$161,012)	\$237,898
5000010000	GSP CMP Rehabilitation MP 110.6 to 116.4	\$2,143,655	-	\$2,143,655	-
5000010001	GSP Culvert Rehab MP 111.5	\$4,846,239	\$4,435,916	\$410,323	\$4,465,098
5000010002	GSP Culvert Repairs MP 112.7	\$319,078	\$390,003	(\$70,925)	\$515,119
5000010003	Culvert Repairs MP 115 to 116	\$2,372,086	\$1,450,526	\$921,560	\$1,450,526
5000010004	Heards Brook Improvements	\$1,574,710	\$1,154,554	\$420,156	\$1,154,554
5000010005	Culvert Repairs Interchange 100	\$876,543	\$900,186	(\$23,643)	\$900,186
5000010006	Culvert Repairs MP 109 to 111, and MP 123 to 128	\$903,257	\$717,041	\$186,216	\$717,041
5000026001	GSP Interchange 80 Completion & Capacity Enhancements between 80-83	\$863,798	\$1,779,952	(\$916,154)	\$1,779,952
5000026002	Interchange 13 Completion	\$105,939	\$57,923	\$48,016	\$57,923
5000026003	Interchange 29 Completion	\$141,252	\$77,573	\$63,679	\$77,573

Project No.	Project Name	Year-To-Date Planned	Year-To-Date Actual	Year-To-Date Variance	Life-To-Date Actual
5000028000	Roadway Improvements Milepost 97.1 to 98 and 102 to 104.5	\$268,650	\$32	\$268,619	\$32
5000030001	Garden State Parkway Service Area Ramp Widening	\$1,960,461	\$2,251,711	(\$291,250)	\$2,251,711
5000040001	Lighting Improvements at Interchange Nos. 12 and 13	\$3,874,198	\$2,037,299	\$1,836,899	\$2,037,299
5000040002	TPK Interchange 14 & NBHCE	\$12,692,336	\$4,266,999	\$8,425,337	\$4,325,844
5000040003	TPK Lighting 10S & 13A	\$174,930	\$63,775	\$111,155	\$63,775
5000040004	TPK Interchange 7A, 8A, 10 & 11	\$2,518,134	\$36,184	\$2,481,950	\$36,184
5000042001	GSP Interchange 120 Lighting Improvements	\$1,651,456	\$1,133,010	\$518,446	\$1,133,010
5000042002	Lighting Improvements at GSP Interchange Nos. 117 and 118	\$3,788,296	\$1,193,340	\$2,594,956	\$1,193,340
5000042003	Lighting Improvements at GSP Interchange Nos. 102 and 105	\$1,948,877	\$1,945,120	\$3,757	\$1,945,120
5000052000	Horizontal Curve Warning Signs	\$336,376	\$658,799	(\$322,423)	\$658,799
5000052001	Installation of Hybrid Changeable Message signs at Various Locations on the New Jersey Turnpike	\$6,195,482	\$11,176,079	(\$4,980,597)	\$11,176,137
5000052002	Guide Sign Improvements on the New Jersey Turnpike	\$1,959,778	\$69,924	\$1,889,854	\$69,924
5000052003	CIP Support Services	\$258,723	\$489,453	(\$230,730)	\$489,453
5000056001	TPK Newark Bay Hudson County Extension Capacity Enhancements	\$7,272,239	\$8,841,838	(\$1,569,599)	\$8,841,838
5000056003	TPK Mainline Capacity Enhancements between Interchange Nos. 1-4	\$2,703,121	\$7,517,267	(\$4,814,146)	\$7,517,267
500BDGREHB	GSP & TPK Bridge Rehab & Replace GSP Corrugated & Culvert Rehab GSP & TPK Bridge Rehab & Replace	\$3,084,750	-	\$3,084,750	-
500GSPCMR	GSP Corrugated & Culvert Rehab	\$2,615,520	-	\$2,615,520	-
500ITSUPGD	GSP & TPK Infra & Software Upgrade	\$20,641,077	-	\$20,641,077	-
500LIGHTNG	GSP & TPK Lighting Upgrades	\$51,728,620	-	\$51,728,620	-
500MDNBARR	Median Barriers	\$996,052	-	\$996,052	-
500PVMTPRS	Pavement Preservation Program	\$2,426,941	-	\$2,426,941	-
500TPKHCMS	TPK HYBR Changeable MSG Signs	\$2,175,009	-	\$2,175,009	-
Total		\$227,356,333	\$81,032,050	\$146,324,284	\$82,482,114

Note: Costs provided by the New Jersey Turnpike Authority's Finance Department



#### D. FOURTH QUARTER 2021 SUMMARIES

The following summaries describe the Board authorization actions for procurements, final closeouts, change orders, and utility orders that involved capital improvement funding for the 2021-2025 CIP. The summary tables in this section provide more detail on the Board authorizations for the reporting quarter.

Summary of Procurements	
Law Subtotal	\$0.00
Competitive Procurement Subtotal	\$257,366,204.00
Non-Competitive Procurement Subtotal	\$300,000.00
Total Procurements	\$257,666,204.00
Total Final Closeouts	\$0.00
Total Change Orders	\$0.00
Total Utility Orders	\$12,000.00
Total Litigation Settlements	\$0.00

## Fourth Quarter 2021 - Procurement Summary

NJTA Project No.	Contract No.	OPS No. for Design	OPS No. for Construction Services	Vendor	Project Description	Amount
<b>LAW</b>						
--	--	--	--	--	--	--
<b>COMPETITIVE PROCUREMENT</b>						
5000000003	T100.523	--	--	D'Annunzio & Sons, Inc	Bridge Deck Reconstruction, Milepost 83 to 88	\$172,657,000.00
5000000003	--	--	T3765	WSP USA Inc	Supervision of Construction Services for Contract No. T100.523, Bridge Deck Reconstruction, Milepost 83 to 88	\$16,215,000.00
5000000008	--	T3823	--	Greenman-Pedersen, Inc.	Design Services for Contract No. T100.581, Replacement of Two Waterway Piers, Turnpike Str. No. W115.36	\$3,012,500.00
5000002002	T100.587	--	--	Ferreira Construction Co. Inc	Turnpike Deck Reconstruction, Milepost 90.0 to 91.37	\$31,472,110.00
5000002002	--	--	T3832	Greenman-Pedersen, Inc.	Supervision of Construction Services for Contract No. T100.587, Turnpike Deck Reconstruction, Milepost 90.0 to 91.37	\$5,040,000.00
5000002002	--	P3730 Supplement B	--	Van Cleef Engineering Associates, LLC	Unanticipated design and post-design services for Contact No. P100.579 and Contract No. T100.587	\$940,000.00
5000010002	P200.545	--	--	Carbro Constructors Corp.	Culvert Repairs Milepost 112 to 113	\$7,828,594.00
5000010002	--	--	P3804	Tectonic Engineering Consultants, Geologists & Land Surveyors, DPC, Inc.	Supervision of Construction Services for Contract No. P200.545, Culvert Repairs, MP 112 to 113	\$1,430,000.00
5000040001	T200.575	--	--	Daidone Electric, Inc.	Roadway Lighting Repairs, Interchanges 12 and 13, Mileposts 95.3 to 96.5 and 97.8 to	\$8,988,000.00
5000040001	--	--	T3856	Jacobs Engineering Group Inc.	Supervision of Construction Services for Contract No. T200.575, Roadway Lighting Repairs, Interchanges 12 & 13, Mileposts 95.3 to 96.5 and 97.8 to 100.2	\$2,315,000.00
5000040004	T200.569	--	--	Daidone Electric, Inc	Roadway Lighting Repairs, Interchanges 7A & 8A	\$6,948,000.00
5000040004	--	--	T3859	Aptim Environmental & Infrastructure, LLC	Supervision of Construction Services for Contract No. T200.569, Roadway Lighting Repairs, Interchanges 7A & 8A	\$1,460,000.00
<b>NON-COMPETITIVE PROCUREMENTS</b>						
5000010000	--	--	Agreement No. 179-21	Evergreen Environmental, LLC	Purchase Riparian Mitigation Credits for Contract No. P200.568, Drainage Rehabilitation and Slip Lining, Milepost 110.6 to 116.4	\$300,000.00
<b>Total</b>						<b>\$257,666,204.00</b>

## Fourth Quarter 2021 - Final Closeout Summary

NJTA Project No.	Contract No.	Contractor	Award Total Amount	No. of Change Orders	Additions / Reductions	Final Total Contract Amount	Final Payment Amount
--	--	--	--	--	--	--	--
						Total	\$0.00

## Fourth Quarter 2021 - Change Order Summary

NJTA Project No.	Change Order Type	Change Order No.	Contract No.	Contractor	Original Contract Amount	Present Contract Amount	Latest (Additions / Reductions)	Extension of Time	Revised Contract Amount
--	--	--	--	--	--	--	--	--	--
Total							\$0.00		

#### Fourth Quarter 2021 - Utility Order Summary

NJTA Project No.	Utility Order No.	Supplement No. (if applicable)	Utility Company	Associated Contract No.	Project Description	Cost	Status
5000010003	1689-P	1	New Jersey American Water	P200.609	Reimburse NJNG for the Cost of Inspection and Monitoring Services of Existing NJNG Facilities for Proposed Work at Culvert Milepost 115.80, Contract No. P200.609, Culvert Rehabilitation Milepost 115.80, 115.80A and 115.81	\$12,000.00	Executed
Total						\$12,000.00	

#### Fourth Quarter 2021 - Litigation Settlement Summary

NJTA Project No.	Contract No.	Contract Description	Amount
--	--	--	--
Total			\$0.00

## 4. 2019 CAPITAL IMPROVEMENT PROGRAM

**New Jersey Turnpike Authority  
2019 Capital Improvement Program  
Construction Fund 392 as of December 31, 2021**

Project No.	Funded Projects	Total Project Budget	Percent Spent & Committed through 12/31/21
39200001	GSP Rehabilitation of Concrete Median Barrier	\$30,000,000	89%
39200002	TPK Installation of New Hybrid Changeable Message Signs	\$74,700,000	87%
39200003	GSP Weathering Guide Rail Replacement	\$15,500,000	98%
39200004	GSP Shoulder Widening and Reconstruction, MP 30 to 35	\$105,784,242	100%
39200005	TPK Redecking Str. Nos. E106.68 and E106.92	\$26,000,000	97%
39200006	TPK Redecking Str. No. 87.27S (NSI)	\$5,000,000	88%
39200007	TPK Foundation Improvements to Str. No. N2.01 Piers E6 to E9	\$12,275,000	92%
39200008	TPK Bridge Lengthening of Str. Nos. 30.75 and 33.94	\$26,300,000	99%
39200009	GSP Str. No. 160.6 to 161.9 (6 Bridges both NB & SB)	\$71,650,000	102%
39200010	GSP PNC Arts Center Traffic Signals and Parking Lot Expansion	\$13,800,000	80%
39200011	TPK Interchange 6 Express E-ZPass Improvements	\$8,300,000	100%
39200012	TPK Bridge Fender Reconstruction	\$12,050,000	74%
39200013	TPK Interchange 18E Express E-ZPass / Interchange 16E Improvements	\$25,225,000	102%
39200014	GSP and TPK Horizontal Curve Warning Signs Installation	\$12,858	100%
39200015	TPK Rehabilitation of Bridge Nos. W107.87, E107.88 and 84.24N&S	\$3,253,000	101%
39200016	GSP Bridge Deck Reconstruction, MP 140 to 143	\$57,350,000	99%
39200017	TPK 6 to 9 Berm Surfacing Revisions	\$7,799,900	114%
39200018	Service Areas - HMS Host & Sunoco	\$58,500,000	56%
39200019	Passaic River Bridge Rehabilitation	\$95,571,802	16%
39200020	Laderman Bridge Repair Project	\$11,545,000	59%
39200021	Washington Bridge Repair Project	\$7,240,081	76%
39299999	Contingency	\$5,000,000	0%
Total		\$672,856,883	80%

Note: Costs provided by the New Jersey Turnpike Authority's Finance Department



**New Jersey Turnpike Authority**  
**2019 Capital Improvement Program**  
**Total Construction Fund (390 and 392) as of December 31, 2021**

Project No.	Funded Projects	Total Project Budget Fund 390	Total Project Budget Fund 392	Total Project Budget
39200001	GSP Rehabilitation of Concrete Median Barrier	\$3,000,000	\$27,000,000	\$30,000,000
39200002	TPK Installation of New Hybrid Changeable Message Signs	\$11,000,000	\$63,700,000	\$74,700,000
39200003	GSP Weathering Steel Guide Rail Replacement	-	\$15,500,000	\$15,500,000
39200004	GSP Shoulder Widening and Reconstruction, MP 30 to 35	-	\$105,784,242	\$105,784,242
39200005	TPK Redecking Str. Nos. E106.68 and E106.92	-	\$26,000,000	\$26,000,000
39200006	TPK Redecking Str. No. 87.27S (NSI)	-	\$5,000,000	\$5,000,000
39200007	TPK Foundation Improvements to Str. No. N2.01 Piers E6 to E9	-	\$12,275,000	\$12,275,000
39200008	TPK Bridge Lengthening of Str. Nos. 30.75 and 33.94	-	\$26,300,000	\$26,300,000
39200009	GSP Str. Nos. 160.6 to 161.9 (6 Bridges both NB & SB)	-	\$71,650,000	\$71,650,000
39200010	GSP PNC Arts Center Traffic Signals and Parking Lot Expansion	-	\$13,800,000	\$13,800,000
39200011	TPK Interchange 6 Express E-ZPass Improvements	-	\$8,300,000	\$8,300,000
39200012	TPK Bridge Fender Reconstruction	-	\$12,050,000	\$12,050,000
39200013	TPK Interchange 18E Express E-ZPass/Interchange 16E Improvements	-	\$25,225,000	\$25,225,000
39200014	GSP and TPK Horizontal Curve Warning Signs Installation	-	\$12,858	\$12,858
39200015	TPK Rehabilitation of Bridge Nos. W107.87, E107.88 and 84.24N&S	-	\$3,253,000	\$3,253,000
39200016	GSP Bridge Deck Reconstruction, MP 140 to 143	\$1,725,000	\$55,625,000	\$57,350,000
39200017	TPK 6 to 9 Berm Surfacing Revisions	\$275,000	\$7,524,900	\$7,799,900
39200018	Service Areas - HMS Host & Sunoco	-	\$58,500,000	\$58,500,000
39200019	Passaic River Bridge Rehabilitation	-	\$95,571,802	\$95,571,802
39200020	Laderman Bridge Repair Project	-	\$11,545,000	\$11,545,000
39200021	Washington Bridge Repair Project	-	\$7,240,081	\$7,240,081
39299999	Contingency	-	\$5,000,000	\$5,000,000
<b>Total</b>		<b>\$16,000,000</b>	<b>\$656,856,883</b>	<b>\$672,856,883</b>

Note: Costs provided by the New Jersey Turnpike Authority's Finance Department

## **A. PROJECT ACTIVITIES AND STATUS**

The project activities and status presented in this section were compiled from information reported by Authority staff, review of contract documents and from information reported as part of the Authority's Monthly Board Meetings for this quarter.

### **39200001 Parkway Rehabilitation of Concrete Median Barrier**

#### **Contract No. P200.522, Rehabilitation of Concrete Median Barrier, Milepost 129 to 134**

This contract provides for the removal and replacement of damaged, misaligned, deteriorated, and substandard height concrete median barrier along with drainage repairs, paving and other incidental work on the Garden State Parkway between Milepost 129 and 134.

Percent Complete:	80
Original Contract Value:	\$24,488,888
Present Contract Value:	\$24,488,888
Construction Start Date:	June 23, 2020
Original Completion Date:	October 8, 2021
Estimated Completion Date:	February 28, 2022

Remarks: An extension of time is being evaluated due to extra work being added to the contract.

Fund 390 provides budget for design services for Contract No. P200.522 under Project No. 39002017. Boswell Engineering was awarded OPS No. P3734 in the amount of \$2,965,000.00 to perform design services. Fund 392 provides budget for construction and construction supervision services. Kyle Conti Construction, LLC is the contractor and Jacobs Engineering Group, Inc. was awarded OPS No. P3743 in the amount of \$1,755,000.00 to provide construction supervision services.

### **39200002 Turnpike Installation of New Hybrid Changeable Message Signs**

#### **Contract No. ITS-2019, Fabrication of Hybrid Changeable Message Signs**

This contract provides for the design and fabrication of Hybrid Changeable Message Signs (HCMS) and control systems for installation and use along the New Jersey Turnpike. The HCMS will replace the existing changeable message signs. Daktronics, Inc. will deliver 89 HCMS and 51 System Controller Cabinets under the project.

Percent Complete:	20
Original Contract Value:	\$16,050,000
Present Contract Value:	\$16,050,000
Construction Start Date:	October 22, 2019
Original Completion Date:	May 1, 2023

Remarks: Contract was awarded at the October 22, 2019 Board meeting.

Fund 392 provides budget for Contract No. ITS-2019. Daktronics, Inc. is the designer and fabricator of the HCMS and control systems.

**Contract No. T600.481A, Installation of Hybrid Changeable Message Signs at Various Locations on the New Jersey Turnpike**

This contract provides for the installation of Hybrid Changeable Message Signs (HCMS) at various locations on the NJ Turnpike from Milepost 83.3 to 117.60. This is the first of two contracts that will construct the foundations and sign structures and install new HCMS from Interchange 9 to the northern terminus of the Turnpike. The work also includes the removal of existing changeable message signs, sign structures and foundations and the installation of roadway safety features and associated electrical and ITS communication devices required for the operation of the HCMS.

Percent Complete:	50
Original Contract Value:	\$42,982,228
Present Contract Value:	\$43,015,594
Construction Start Date:	May 27, 2020
Original Completion Date:	August 31, 2022
Remarks:	Contract is on schedule.

Fund 390 provides budget for design services for Contract Nos. T600.481A and T600.481B under Project No. 39006019. TY Lin International was awarded OPS No. T3675 in the amount of \$10,700,000.00 to perform design services. Fund 392 provides budget for construction and construction supervision services. J. Fletcher Creamer & Son, Inc. is the contractor and M&J Engineering, P.C. was awarded OPS No. T3706 in the amount of \$4,740,000.00 to perform construction supervision services.

Fund 500 provides for additional accelerated design services for the removal and construction of 21 additional overhead aluminum sign structures on the Turnpike that have experienced severe structural deterioration. T.Y. Lin International was issued OPS No. T3675 Supplement A in the amount of \$2,500,000.00 to perform the additional design services.

**39200003 Parkway Weathering Steel Guide Rail Replacement****Contract No. P200.524, Guide Rail Improvements, Milepost 0 to 172**

This contract provides for repairs and replacements to the highest priority guide rail systems along the Garden State Parkway, excluding any guide rail constructed as part of the Authority's recent \$7B Capital Improvement Program.

Percent Complete:	49
Original Contract Value:	\$12,477,315
Present Contract Value:	\$12,477,315
Construction Start Date:	August 25, 2020
Original Completion Date:	July 28, 2022
Remarks:	Contract is on schedule.

Fund 392 provides budget for design, construction and construction supervision services for Contract No. P200.524. Dewberry Engineers, Inc. was awarded OPS No. P3737 in the amount of \$1,460,000.00 to perform design services. J. Fletcher Creamer & Son, Inc. is the contractor and T.Y. Lin International was awarded

OPS No. P3745 in the amount of \$970,000.00 to perform construction supervision services. T.Y. Lin International was awarded OPS No. P3745 Supplement A in the amount of \$465,000.00 for extended construction supervision services due to extending the duration of Contract No. P200.524 by fourteen months.

### **39200004 Parkway Shoulder Widening and Reconstruction, MP 30 to 35**

#### **Contract No. P200.252, Shoulder Widening of the Garden State Parkway, Milepost 30 to 35**

This contract provides for shoulder widening of the Garden State Parkway in both the northbound and southbound directions from Milepost 30 to 35, in accordance with the permits secured for the widening of the Garden State Parkway Interchange 30 to 80 Program. The work includes widening of the shoulders along with the reconstruction of eight bridges carrying the Parkway over County Roads, stormwater management facilities and utility relocations.

Percent Complete: 46  
Original Contract Value: \$82,831,386  
Present Contract Value: \$83,741,242  
Construction Start Date: April 28, 2020  
Original Completion Date: September 29, 2023  
Remarks: Contract is on schedule.

Fund 392 provides budget for design, construction and construction supervision services for Contract No. P200.252. Gannett Fleming, Inc. was awarded OPS No. P3411 in the amount of \$8,600,000.00 to perform design services. Midlantic Construction, LLC is the contractor and KS Engineers, P.C. was awarded OPS No. P3744 in the amount of \$9,020,000 to perform construction supervision services.

### **39200005 Turnpike Redecking Str. Nos. E106.68 and E106.92B**

#### **Contract No. T100.512, Rehabilitation of Str. Nos. E106.68 and E106.92B, Milepost E106.0 to E107.0**

This contract provides for deck reconstruction of Str. Nos. E106.68 and E106.92B on the easterly extension of the New Jersey Turnpike. The project will address necessary infrastructure deterioration and safety improvements to the two deteriorated bridge decks.

Percent Complete: 60  
Original Contract Value: \$17,940,145  
Present Contract Value: \$17,940,145  
Construction Start Date: March 24, 2020  
Original Completion Date: January 12, 2023  
Remarks: Contract is on schedule.

Fund 392 provides budget for design, construction and construction supervision services for Contract No. T100.512. Greenman-Pedersen, Inc. was awarded OPS No. T3604 Supplement A in the amount of \$3,000,000.00 to perform design services. Joseph M. Sanzari, Inc. is the contractor and Jacobs Engineering Group, Inc. was issued OPS No. T3761 in the amount of \$3,790,000.00 to perform construction supervision services.

**39200007      Turnpike Foundation Improvements to Str. No. N2.01 Piers E6 to E8****Contract No. T100.510, Fender System Repairs and Pier E6, E7 and E8 Improvements, Str. No. N2.01, Newark Bay Bridge**

This contract will repair or replace deteriorated or damaged navigational channel fender system components at the Newark Bay Bridge, Str. No. N2.01. The work also includes pier column strengthening which requires the installation of temporary cofferdams.

Percent Complete: 88  
Original Contract Value: \$7,999,668  
Present Contract Value: \$8,079,584  
Construction Start Date: March 24, 2020  
Original Completion Date: December 1, 2021  
Estimated Completion Date: December 31, 2021  
Remarks: Contract is on a revised schedule due to weather delays.

Fund 392 provides budget for design, construction and construction supervision services for Contract No. T100.510. Parsons Transportation Group, Inc. was issued OPS No. T3721 in the amount of \$1,525,000.00 to perform design services. Mount Construction Co., Inc. is the contractor and Hardesty and Hanover Construction Services, LLC was issued OPS No. T3739 in the amount of \$1,430,000.00 to perform construction supervision services.

**39200008      Turnpike Bridge Lengthening of Str. Nos. 30.75 and 33.94****Contract No. T100.514, Bridge Deck Reconstruction and Lengthening, Str. No. 30.75R**

This contract originally provided for deck reconstruction and lengthening of two bridge decks which carry local roads over the southern portion of the New Jersey Turnpike located at Mileposts 30.75 and 33.94. Subsequent to the preliminary engineering, Str. No. 33.94 will not be progressed under the 2019 CIP. Contract No. T100.514 will reconstruct Str. No. 30.75. The bridge lengthening will provide for adequate space for future widening of the New Jersey Turnpike.

Percent Complete: 58  
Original Contract Value: \$17,363,209  
Present Contract Value: \$18,248,189  
Construction Start Date: March 24, 2020  
Original Completion Date: June 15, 2022  
Estimated Completion Date: August 16, 2022  
Remarks: A two-month time extension is warranted due to utility coordination issues.

Fund 392 provides budget for design, construction and construction supervision services for Contract No. T100.514. Michael Baker International, Inc. was issued OPS No. T3605 Supplement A in the amount of \$2,000,000.00 to perform design services. Driscoll Construction Co., Inc. is the contractor and STV Incorporated was issued OPS No. T3763 in the amount of \$3,630,000.00 to perform construction supervision services.

**39200009      Parkway Str. Nos. 160.6 to 161.9 (6 Bridges both NB and SB)****Contract No. P100.511, Bridge Deck and Median Reconstruction, Milepost 160.6 to 162.5**

This contract provides for the replacement of bridge decks and superstructure re-painting for five bridges, replacement of two bridge superstructures, deck repairs to six bridges, reconstruction of roadway median barrier and other miscellaneous work along the Garden State Parkway mainline between Mileposts 160.6 and 161.9.

Percent Complete: 31  
Original Contract Value: \$57,288,442  
Present Contract Value: \$58,043,313  
Construction Start Date: July 28, 2020  
Original Completion Date: August 11, 2025  
Remarks: Contract is on schedule.

Fund 392 provides budget for design, construction and construction supervision services for Contract No. P100.511. Michael Baker International, Inc. was issued OPS No. P3720 in the amount of \$3,800,000.00 and OPS No. P3720 Supplement A in the amount of \$950,000.00 to perform design services. Conti Enterprises, Inc. is the contractor and Greenman-Pedersen, Inc. was issued OPS No. P3762 in the amount of \$9,265,000.00 to perform construction supervision services.

**39200010      Parkway PNC Arts Center Traffic Signals and Parking Lot Expansion****Contract No. P300.535, Operational Improvements at PNC Bank Arts Center Ramps**

This contract provides intersection improvements at the PNC Arts Center exit ramps from the Garden State Parkway. Additional improvements also include reconfiguring the East/West PNC Service Road; overhead lane control system upgrades, roadway and parking lot lighting, and other ancillary activities.

Percent Complete: 40  
Original Contract Value: \$7,983,013  
Present Contract Value: \$7,983,013  
Construction Start Date: April 27, 2021  
Original Completion Date: May 31, 2022  
Remarks: Contract is on schedule.

Fund 392 provides budget for design, construction and construction supervision services for Contract No. P300.535. Dewberry Engineers, Inc. was issued OPS No. P3753 in the amount of \$1,790,000.00 to perform design services. Earle Asphalt Company is the contractor and Urban Engineers, Inc. was issued OPS No. P3755 in the amount of \$990,000.00 to perform construction supervision services.

### **39200011 Turnpike Interchange 6 Express E-ZPass Improvements**

#### **Contract No. T300.463, Express E-ZPass Improvements at Interchange 6 Toll Plaza**

This contract will implement additional Express E-ZPass toll collection lanes in the eastbound and westbound directions at the New Jersey Turnpike Interchange 6 Toll Plaza on the Pearl Harbor Memorial Turnpike Extension. Anticipated work includes toll collection equipment modifications; toll plaza electrical and communications work, approach roadway modifications, and ground mounted and overhead signing improvements.

Percent Complete: 99  
Original Contract Value: \$7,131,513  
Present Contract Value: \$7,131,513  
Construction Start Date: September 24, 2019  
Original Completion Date: December 22, 2020  
Substantial Completion Date: September 16, 2020

Remarks: Final Inspection was performed on September 16, 2020, closeout is in progress.

Gannett Fleming, Inc. was issued OPS No. T3663 in the amount of \$895,000.00 to perform design services. Fund 392 provides budget for construction and construction supervision services for Contract No. T300.463. Earle Asphalt Company is the contractor and KS Engineers, P.C. was issued OPS No. T3768 in the amount of \$855,000.00 to perform construction supervision services.

### **39200013 Turnpike Interchange 18E Express E-ZPass/Interchange 16E Improvements**

#### **Contract No. T300.489, Interchange 18E Express E-ZPass and 16E Improvements, Milepost E110.4 to E114.5**

This contract provides two Express E-ZPass toll collection lanes in the southbound and northbound directions at New Jersey Turnpike Interchange 16E/18E Toll Plaza on the Eastern Spur at Milepost 112.3. The contract also includes modifications to the express bus lanes (XBL) and exit ramps at Interchange 16E. This will improve the overall traffic flow at the Interchange and reduce the exiting bus queuing that utilize the contraflow Exclusive Bus Lane. This project also includes toll collection equipment modifications; toll plaza electrical and communications work, approach roadway and striping modifications, and ground mounted and overhead signing improvements.

Percent Complete: 94  
Original Contract Value: \$21,186,841  
Present Contract Value: \$21,163,794  
Construction Start Date: January 28, 2020  
Original Completion Date: October 31, 2021  
Estimated Completion Date: April 30, 2022

Remarks: The express E-ZPass was opened November 20, 2021. Extra work issued by the Authority will extend the estimated completion date into the Spring of 2022.

Fund 392 will provide budget for design, construction and construction supervision services for Contract No. T300.489. Stantec Consulting Services, Inc. was issued OPS No. T3694 in the amount of \$1,610,000.00



to perform design services. Joseph M. Sanzari, Inc. is the contractor and Greenman-Pedersen, Inc. was issued OPS No. T3742 in the amount of \$2,190,000.00 to perform construction supervision services. Stantec Consulting Services, Inc. was also issued OPS No. A3679 D01 in the amount of \$165,000.00 to perform cross drain repairs.

As part of Project 39200013, Neology, Inc. is under contract in the amount of \$141,990.00 to support implementation of the Automatic Vehicle Classification ("AVC") system in the Open Road Tolling ("ORT") lanes at Interchange 18E on the New Jersey Turnpike. Neology will supply the AVC loop detectors along with related software and firmware, and provide assistance with training, installation, configuration and commissioning.

### **39200016      Parkway Bridge Deck Reconstruction, MP 140 to 143**

#### **Contract No. P100.338, Bridge Deck and Median Barrier Reconstruction, Milepost 140 to 143**

This contract provides for the replacement of bridge decks and superstructure re-painting of four bridges, bridge deck repairs for three bridges, reconstruction of approach median barrier and other miscellaneous work on the Garden State Parkway between Milepost 140 and 143.

Percent Complete:	26
Original Contract Value:	\$48,380,000
Present Contract Value:	\$49,030,051
Construction Start Date:	June 23, 2020
Original Completion Date:	May 19, 2023
Estimated Completion Date:	August 14, 2023
Remarks:	Contract is approximately two months behind schedule. Contractor is exploring several alternatives to recover lost time.

TranSystems was originally engaged by the Authority in May 2014 to perform design services under OPS No. P3511. The OPS was put on hold and recently re-activated in 2019. TranSystems was issued OPS No. P3511 Supplement A in the amount of \$1,050,000.00 to design Contract No. P100.338 with funding from Fund 390. TranSystems was issued OPS No. P3511 Supplement B in the amount of \$475,000 to provide additional design services for Contract No. P100.338 with funding from Fund 392. The additional design services resolve unanticipated issues associated with the addition of approach roadway median barrier replacement. Fund 392 provides budget for construction and construction supervision services. Joseph M. Sanzari, Inc. is the contractor and Gannett Fleming, Inc. was issued OPS No. P3644 in the amount of \$7,000,000.00 to perform construction supervision services.

### **39200018      Service Areas - HMS Host & Sunoco**

#### **Contract No. T400.552, Gas and Water Service Improvements at Vince Lombardi Service Area 13, Milepost 116**

This contract provides for improvements to the Gas and Water Service at the Vince Lombardi Service Area 13, Milepost 116. Work includes replacing a portion of the existing water main due to maintenance issues and to upgrade essential gas service from propane gas service to a new natural gas service.

Design Start Date: September 2020

Estimated Design Completion Date: December 2021

Estimated Construction Start Date: March 2022

Estimated Construction Completion Date: TBD

Remarks: -

HNTB performed preliminary design tasks under OPS No. A3584. Stantec Consulting Services, Inc, was issued OPS No. A3679 in the amount of \$495,000.00 to perform design services.

On October 26, 2021, the Authority entered an agreement with Applegreen Ltd. and Sunoco. This agreement authorized the Executive Director to enter into a Memorandum of Understanding (MOU) memorializing the foregoing and permitting reimbursement to Applegreen Ltd. and Sunoco for completing the portion of the Phase 3 improvements that are the Authority's responsibility, in an amount not to exceed \$19,000,000.00 and \$7,000,000.00, respectively. The existing Applegreen Ltd. and Sunoco agreements will be subsequently amended to incorporate the MOU.

### **39200019      Passaic River Bridge Rehabilitation**

#### **Contract No. P100.476, Superstructure Replacement and Widening of Bridge No. 158.2, GSP Bridge over Passaic River, US Route 46, and River Drive**

This contract provides for the superstructure replacement and widening to the Parkway Str. No. 158.2 (major bridge). The work includes construction of a temporary bridge to maintain traffic during construction, pier cap reconstruction, retrofit of pier foundations, isolation bearings, roadway widening and other miscellaneous work.

Percent Complete: 2

Original Contract Value: \$99,956,375

Present Contract Value: \$99,956,375

Construction Start Date August 31, 2021

Original Completion Date: October 7, 2025

Remarks: Contract is on schedule.

WSP USA was issued OPS No. P3674 in the amount of \$6,399,960.00 to perform design services. Fund 392 will provide budget for construction and construction supervision services for Contract No. P100.476. IEW Construction Company is the Contractor and HNTB was issued OPS No. P3760 in the amount of \$9,935,000.00 to perform construction supervision services.

### **39200020 Laderman Bridge Repair Project**

#### **Contract No. T100.436, Rehabilitation of TPK Passaic River Bridges, Str. Nos. W107.87 & E107.88**

This contract provides for the design and construction for continued rehabilitation of the New Jersey Turnpike Passaic River Bridges, Str. Nos. W107.87 and E107.88.

Percent Complete: 99  
Original Contract Value: \$27,986,153  
Present Contract Value: \$28,825,061  
Original Completion Date: March 12, 2021  
Substantial Completion Date: December 1, 2021

Remarks: Final Inspection was performed December 1, 2021, closeout in progress.

Greenman-Pedersen, Inc. was issued OPS No. T3642 in the amount of \$2,975,000.00 to perform design services. Greenman-Pedersen, Inc. was awarded OPS No. T3642 Supplement A in the amount of \$400,000.00 for unanticipated design and post-design services which are beyond the current scope. Fund 392 will provide budget for construction and construction supervision services for Contract No. T100.436. Cornell & Company, Inc. is the Contractor and Jacobs Engineering Group was issued OPS No. T3647 in the amount of \$3,170,000.00 to perform construction supervision services.

### **39200021 Washington Bridge Repair Project**

#### **Contract No. T100.436, Rehabilitation of TPK Passaic River Bridges, Str. Nos. W107.87 & E107.88**

This contract provides for the design and construction for continued rehabilitation of the New Jersey Turnpike Passaic River Bridges, Str. Nos. W107.87 and E107.88.

Percent Complete: 99  
Original Contract Value: \$27,986,153  
Present Contract Value: \$28,825,061  
Original Completion Date: March 12, 2021  
Substantial Completion Date: December 1, 2021

Remarks: Final Inspection was performed December 1, 2021, closeout in progress.

Greenman-Pedersen, Inc. was issued OPS No. T3642 in the amount of \$2,975,000.00 to perform design services. Greenman-Pedersen, Inc. was awarded OPS No. T3642 Supplement A in the amount of \$400,000.00 for unanticipated design and post-design services which are beyond the current scope. Fund 392 will provide budget for construction and construction supervision services for Contract No. T100.436. Cornell & Company, Inc. is the Contractor and Jacobs Engineering Group was issued OPS No. T3647 in the amount of \$3,170,000.00 to perform construction supervision services.

## B. SUMMARY OF ACTIVE CONSTRUCTION CONTRACTS BY PROJECT

Active construction contracts during the reporting period are summarized in the table below. The percent complete, contract values, and completion dates reflect information obtained through reviews of contract documentation, information reviewed with Authority staff, and information provided in the latest Monthly Board Meeting Agenda (December 2021). All contract values in the table have been rounded to the nearest dollar.

Contract No.	Contractor	Percent Complete (%)	Original Contract Value	Present Contract Value	Original Completion Date	Revised Completion Date	Substantial Completion Date	Estimated Completion Date
<b>39200001</b>	<b>GSP Rehabilitation of Concrete Median Barrier</b>							
P200.522	Kyle Conti Construction, LLC	80	\$24,488,888	\$24,488,888	10/8/2021	--	--	2/28/2022
<b>39200002</b>	<b>TPK Installation of Hybrid Changeable Message Signs</b>							
ITS-2019	Daktronics, Inc	20	\$16,050,000	\$16,050,000	5/1/2023	--	--	--
T600.481A	J. Fletcher Creamer & Son, Inc.	50	\$42,982,228	\$43,015,594	8/31/2022	--	--	--
<b>39200003</b>	<b>GSP Weathering Steel Guide Rail Replacement</b>							
P200.524	J. Fletcher Creamer & Son, Inc.	49	\$12,477,315	\$12,477,315	7/28/2022	--	--	--
<b>39200004</b>	<b>GSP Shoulder Widening and Reconstruction, MP 30 - 35</b>							
P200.252	Midlantic Construction, LLC	46	\$82,831,386	\$83,741,242	9/29/2023	--	--	--
<b>39200005</b>	<b>TPK Redecking Str. Nos. E106.68 and E106.92</b>							
T100.512	Joseph M. Sanzari, Inc.	60	\$17,940,145	\$17,940,145	1/12/2023	--	--	--
<b>39200007</b>	<b>TPK Foundation Improvements to Str. No. N2.01 Piers E6 to E9</b>							
T100.510	Mount Construction Co., Inc.	88	\$7,999,668	\$8,079,584	12/1/2021	--	--	12/31/2021
<b>39200008</b>	<b>TPK Bridge Lengthening of Str. Nos. 30.75 and 33.94</b>							
T100.514	Driscoll Construction Co., Inc.	58	\$17,363,209	\$18,248,189	6/15/2022	--	--	8/16/2022
<b>39200009</b>	<b>GSP Str. Nos. 160.6 to 161.9 (6 Bridges both NB &amp; SB)</b>							
P100.511	Conti Enterprises, Inc.	31	\$57,288,442	\$58,043,313	8/11/2025	--	--	--
<b>39200010</b>	<b>PNC Arts Center Traffic Signals and Parking Lot Expansion</b>							
P300.535	Earle Asphalt Company	40	\$7,983,013	\$7,983,013	5/31/2022	--	--	--
<b>39200011</b>	<b>TPK Interchange 6 Express E-ZPass Improvements</b>							
T300.463	Earle Asphalt Company	99	\$7,131,513	\$7,131,513	12/22/2020	--	9/16/2020	--

Contract No.	Contractor	Percent Complete (%)	Original Contract Value	Present Contract Value	Original Completion Date	Revised Completion Date	Substantial Completion Date	Estimated Completion Date
<b>39200013</b>	<b>TPK Interchange 18E Express E-ZPass / Interchange 16E Improvements</b>							
T300.489	Joseph M. Sanzari, Inc	94	\$21,186,841	\$21,163,794	10/31/2021	--	--	4/30/2022
<b>39200016</b>	<b>GSP Bridge Deck Reconstruction, MP 140 - 143</b>							
P100.338	Joseph M. Sanzari, Inc.	26	\$48,380,000	\$49,030,051	5/19/2023	--	--	8/14/2023
<b>39200019</b>	<b>Passaic River Bridge Rehabilitation</b>							
P100.476	IEW Construction Group, Inc.	2	\$99,956,375	\$99,956,375	10/7/2025	--	--	--
<b>39200020</b>	<b>Laderman Bridge Repair Project</b>							
T100.436	Cornell & Company, Inc.	99	\$27,986,153	\$28,825,061	3/12/2021	--	12/1/2021	--
<b>39200021</b>	<b>Washington Bridge Repair Project</b>							
T100.436	Cornell & Company, Inc.	99	\$27,986,153	\$28,825,061	3/12/2021	--	12/1/2021	--

### **C. STATUS OF CONSTRUCTION FUNDS**

The 2019 CIP was adopted and approved by the Authority Board on April 23, 2019. The 2019 CIP includes the design, construction and construction supervision for 17 capital improvement projects on both the Parkway and Turnpike.

The tabulations on subsequent pages are current as of the last day in the report quarter and indicate the current budget for each project. The first tabulation indicates the status of funds supplied by bond sales. The “Budget” column indicates funds to be supplied from the construction fund only. Certain projects in the tabulation may receive funds from reserve funds or other sources which are derived from revenues. “Committed” indicates the amount of funds obligated through existing agreements and the unexpended portion of awarded ongoing contracts. The second tabulation presents a comparison between the planned expenditures and actual expenditures for this year. All amounts in the tabulations were obtained from the Authority’s Finance Department.

In terms of costs expended, the 2019 CIP is 80 percent complete as of the close of the quarter. Since final program schedules are not complete and several projects are still in design, the program is considered on schedule. More detailed information regarding schedules will be provided in future quarterly reports. In terms of elapsed time, the program commenced in April 2019 and has been active for 2-years and 9-months.

**2019 Capital Improvement Program, Fund 392**  
**Funds Supplied by Bond Sales**  
**As of December 31, 2021**

Project No.	Project Description	Total Project Budget Fund 392	Expended thru 12/31/20	Committed	Expended YTD 2021	Remaining Budget
39200001	GSP Rehabilitation of Concrete Median Barrier	\$27,000,000	\$5,857,831	\$5,243,579	\$15,720,198	\$178,392
39200002	TPK Installation of New Hybrid Changeable Message Signs	\$63,700,000	\$3,451,069	\$38,824,946	\$22,509,934	(\$1,085,948)
39200003	GSP Weathering Steel Guide Rail Replacement	\$15,500,000	\$1,381,893	\$4,470,377	\$9,392,101	\$255,629
39200004	GSP Shoulder Widening and Reconstruction, MP 30 to 35	\$105,784,242	\$27,228,860	\$44,697,981	\$34,250,820	(\$393,419)
39200005	TPK Redecking Str. Nos. E106.68 and E106.92	\$26,000,000	\$3,460,839	\$11,891,736	\$9,810,695	\$836,730
39200006	TPK Redecking Str. No. 87.27S (NSI)	\$5,000,000	\$4,123,933	-	\$267,601	\$608,466
39200007	TPK Foundation Improvements to Str. No. N2.01 Piers E6 to E9	\$12,275,000	\$3,876,493	\$1,610,011	\$5,780,889	\$1,007,607
39200008	TPK Bridge Lengthening of Str. Nos. 30.75 and 33.94	\$26,300,000	\$5,687,874	\$9,790,084	\$10,491,901	\$330,140
39200009	GSP Str. Nos. 160.6 to 161.9 (6 Bridges both NB & SB)	\$71,650,000	\$12,102,028	\$44,621,493	\$16,109,184	(\$1,182,704)
39200010	GSP PNC Arts Center Traffic Signals and Parking Lot Expansion	\$13,800,000	\$1,434,964	\$6,371,146	\$3,211,106	\$2,782,784
39200011	TPK Interchange 6 Express E-ZPass Improvements	\$8,300,000	\$7,730,745	\$374,344	\$158,927	\$35,985
39200012	TPK Bridge Fender Reconstruction	\$12,050,000	\$8,506,885	\$405,958	\$6,426	\$3,130,731
39200013	TPK Interchange 18E Express E-ZPass/Interchange 16E Improvements	\$25,225,000	\$7,262,853	\$2,226,409	\$16,166,765	(\$431,027)
39200014	GSP and TPK Horizontal Curve Warning Signs Installation	\$12,858	\$12,858	-	-	\$0
39200015	TPK Rehabilitation of Bridge Nos. W107.87, E107.88 and 84.24N&S	\$3,253,000	\$2,059,775	\$534,592	\$678,392	(\$19,759)
39200016	GSP Bridge Deck Reconstruction, MP 140 to 143	\$55,625,000	\$1,633,419	\$41,436,589	\$13,945,635	(\$1,390,642)
39200017	TPK 6 to 9 Berm Surfacing Revisions	\$7,524,900	\$6,563,393	\$658,239	\$1,693,188	(\$1,389,920)
39200018	Service Areas - HMS Host & Sunoco	\$58,500,000	-	\$23,131,297	\$9,887,775	\$25,480,928
39200019	Passaic River Bridge Rehabilitation	\$95,571,802	-	\$13,095,305	\$2,410,993	\$80,065,503
39200020	Laderman Bridge Repair Project	\$11,545,000	-	\$1,780,834	\$5,038,009	\$4,726,156
39200021	Washington Bridge Repair Project	\$7,240,081	-	\$726,612	\$4,779,344	\$1,734,125
39299999	Contingency	\$5,000,000	-	-	-	\$5,000,000
<b>Total</b>		<b>\$656,856,883</b>	<b>\$102,375,710</b>	<b>\$251,891,533</b>	<b>\$182,309,885</b>	<b>\$120,279,756</b>

Note: Costs provided by the New Jersey Turnpike Authority's Finance Department



**2019 Capital Improvement Program**  
**Spend Down - Planned vs. Actual for Fund 392**  
**as of December 31, 2021**

Project No.	Project Name	Year-To-Date Planned	Year-To-Date Actual	Year-To-Date Variance	Life-To-Date Actual
39200001	GSP Rehabilitation of Concrete Median Barrier	\$19,636,110	\$15,720,198	\$3,915,911	\$21,578,029
39200002	TPK Installation of New Hybrid Changeable Message Signs	\$42,913,785	\$22,509,934	\$20,403,851	\$25,961,002
39200003	GSP Weathering Steel Guide Rail Replacement	\$6,111,790	\$9,392,101	(\$3,280,311)	\$10,773,994
39200004	GSP Shoulder Widening and Reconstruction, MP 30 to 35	\$39,739,460	\$34,250,820	\$5,488,640	\$61,479,680
39200005	TPK Redecking Str. Nos. E106.68 and E106.92	\$15,835,839	\$9,810,695	\$6,025,144	\$13,271,534
39200006	TPK Redecking Str. 87.27S (NSI)	\$277,771	\$267,601	\$10,170	\$4,391,534
39200007	TPK Foundation Improvements to Str. No. N2.01 Piers E6 to E9	\$7,379,380	\$5,780,889	\$1,598,491	\$9,657,382
39200008	TPK Bridge Lengthening of Str. Nos. 30.75 and 33.94	\$12,402,463	\$10,491,901	\$1,910,562	\$16,179,775
39200009	GSP Str. Nos. 160.6 to 161.9 (6 Bridges both NB & SB)	\$24,277,100	\$16,109,184	\$8,167,916	\$28,211,211
39200010	GSP PNC Arts Center Traffic Signals and Parking Lot Expansion	\$10,248,501	\$3,211,106	\$7,037,394	\$4,646,070
39200011	TPK Interchange 6 Express E-ZPass Improvements	\$979,198	\$158,927	\$820,271	\$7,889,672
39200012	TPK Bridge Fender Reconstruction	\$406,067	\$6,426	\$399,641	\$8,513,311
39200013	TPK Interchange 18E Express E-ZPass / Interchange 16E Improvements	\$18,763,886	\$16,166,765	\$2,597,121	\$23,429,618
39200014	GSP and TPK Horizontal Curve Warning Signs Installation	-	-	-	\$12,858
39200015	TPK Rehabilitation of Bridge Nos. W107.87, E107.88 and 84.24N&S	\$783,773	\$678,392	\$105,381	\$2,738,167
39200016	GSP Bridge Deck Reconstruction, MP 140 to 143	\$21,416,484	\$13,945,635	\$7,470,849	\$15,579,054
39200017	TPK 6 to 9 Berm Surfacing Revisions	\$1,657,840	\$1,693,188	(\$35,348)	\$8,256,581
39200018	SA- HMS Host & Sunoco	\$12,000,000	\$9,887,775	\$2,112,224	\$9,887,775
39200019	Passaic River Bridge Rehabilitation	\$25,753,000	\$2,410,993	\$23,342,007	\$2,410,993
39200020	Laderman Bridge Repair Project	\$4,767,001	\$5,038,009	(\$271,009)	\$5,038,009
39200021	Washington Bridge Repair Project	\$2,785,786	\$4,779,344	(\$1,993,558)	\$4,779,344
39299999	Contingency	-	-	-	-
<b>Total</b>		<b>\$268,135,231</b>	<b>\$182,309,885</b>	<b>\$85,825,346</b>	<b>\$284,685,595</b>

Note: Costs provided by the New Jersey Turnpike Authority's Finance Department

#### D. FOURTH QUARTER 2021 SUMMARIES

The following summaries describe the Board authorization actions for procurements, final closeouts, change orders, and utility orders that involved capital improvement funding for the 2019 CIP. The summary tables in this section provide more detail on the Board authorizations for the reporting quarter.

Summary of Procurements	
Law	\$0.00
Competitive Procurement Subtotal	\$1,115,000.00
Non-Competitive Procurement Subtotal	\$26,000,000.00
Total Procurements	\$27,115,000.00
Total Final Closeouts	\$0.00
Total Change Orders	\$1,354,406.41
Total Utility Orders	\$0.00
Total Litigation Settlements	\$0.00

## Fourth Quarter 2021 - Procurement Summary

NJTA Project No.	Contract No.	OPS No. for Design	OPS No. for Construction Services	Vendor	Project Description	Amount
LAW						
--	--	--	--	--	--	--
COMPETITIVE PROCUREMENT						
39200003	--	--	P3745 Supplement A	T.Y. Lin International	Supervision of Construction Services for Contract No. P200.524, Guide Rail Improvements, Milepost 0 to 172	\$465,000.00
39200018	--	--	A3764 Supplement B	Gannett Fleming, Inc.	Supervision of Construction Services for Site Work at Service Areas on the New Jersey Turnpike and Garden State Parkway, Phases 2 and 3	\$650,000.00
NON-COMPETITIVE PROCUREMENT						
39200018	--	--	--	Applegreen Ltd. & Sunoco	Authorization for Executive Director to Enter into a Memorandum of Understanding for Reimbursement associated with the Service Area Rehabilitation Program-Phase 3	\$26,000,000.00
Total						\$27,115,000.00

## Fourth Quarter 2021 - Final Closeout Summary

NJTA Project No.	Contract No.	Contractor	Award Total Amount	No. of Change Orders	Additions / Reductions	Final Total Contract Amount	Final Payment Amount
--	--	--	--	--	--	--	--
						Total	\$0.00

## Fourth Quarter 2021 - Change Order Summary

NJTA Project No.	Change Order Type	Change Order No.	Contract No.	Contractor	Original Contract Amount	Present Contract Amount	Latest (Additions / Reductions)	Extension of Time	Revised Contract Amount
39200008	2	3	T100.514	Driscoll Construction Co., Inc.	\$17,363,209.35	\$17,852,375.23	\$395,813.72	--	\$18,248,188.95
39200009	2	4	P100.511	Conti Enterprises, Inc.	\$57,288,442.00	\$57,729,093.35	\$314,220.00	--	\$58,043,313.35
39200013	2	3	T300.489	Joseph M. Sanzari, Inc.	\$21,186,840.50	\$21,169,472.08	(\$5,677.81)	--	\$21,163,794.27
39200016	2	1	P100.338	Joseph M. Sanzari, Inc.	\$48,380,000.00	\$48,380,000.00	\$650,050.50	--	49,030,050.50
Total							\$1,354,406.41		

## Fourth Quarter 2021 - Utility Order Summary

NJTA Project No.	Utility Order No.	Supplement No. (if applicable)	Utility Company	Associated Contract No.	Project Description	Cost	Status
--	--	--	--	--	--	--	--
Total						\$0.00	

#### Fourth Quarter 2021 - Litigation Settlement Summary

NJTA Project No.	Contract No.	Contract Description	Amount
--	--	--	--
Total			\$0.00

## 5. \$7B CAPITAL IMPROVEMENT PROGRAM

New Jersey Turnpike Authority  
\$7B Capital Improvement Program  
Construction Fund 390 as of December 31, 2021

Project No.	Project Name	Total Project Budget	% Spent & Committed through 12/31/21
39001008	Bridge Painting Phase I	\$105,268,000	100%
39001010	Deck Reconstruction Phase I	\$200,344,000	100%
39001011	Bridge Preservation and Security	\$93,970,154	99%
39001033	Deck Reconstruction Phase II	\$145,400,000	98%
39001034	Bridge Painting Phase II	\$68,430,009	100%
39002003	Drainage Improvements	\$62,187,000	100%
39002016	Improvements to Roadway Appurtenances	\$41,483,000	100%
39002017	Median Barrier Improvements	\$51,490,000	100%
39003035	Interchange Improvements	\$416,785,000	99%
39003040	Salt Storage Facilities	\$17,561,201	100%
39005013	Facilities Improvements Phase I	\$666,742,200	99%
39006014	Sign Replacements Phase I	\$139,873,905	100%
39006019	Sign Replacements Phase II	\$159,376,000	98%
39009036	TPK and GSP Southern Improvements	\$15,865,505	100%
39011002	TPK Interchange 16E-18E Bridge Improvements	\$15,147,165	100%
39011012	TPK Hackensack East Bridge Rehabilitation	\$132,026,700	100%
39011025	TPK Newark Bay Hudson County Extension (NBHCE) Bridge Re-decking	\$512,912,105	95%
39011028	TPK Special Bridge Structures	\$7,726,200	95%
39013005	TPK Interchange 8A to Route 130 Connector Improvements	\$7,030,000	88%
39013027	TPK Interchange 14A Reconstruction	\$288,267,809	97%
39018001	TPK Interchange 6-9 Widening	\$2,133,453,393	100%
39021004	GSP Bass River Bridge	\$76,442,600	100%
39021015	GSP Mullica River Bridge	\$49,402,045	100%
39021020	GSP Bridge Substructure Repairs	\$33,469,000	99%
39021036	GSP Great Egg Harbor and Drag Channel Bridges	\$263,903,305	99%
39022023	GSP Mainline Shoulder Improvements	\$363,999,146	100%
39023006	GSP Interchange 41 Improvements	\$22,953,958	100%
39023007	GSP Interchange 142 Improvements	\$654,796	100%
39023009	GSP Interchange 44 Improvements	\$28,972,153	100%
39023022	GSP Interchange 9, 10 & 11 Improvements	\$88,611,812	95%
39023024	GSP Interchange 125 Phase I	\$97,994,457	100%
39023029	GSP Interchange 88 Improvements	\$97,432,843	100%
39023030	GSP Interchange 91 Improvements	\$11,575,795	92%
39028018	GSP Widening Interchange 63-80	\$126,935,744	100%
39028031	GSP Widening Interchange 35-63	\$456,313,000	98%
Total		\$7,000,000,000	99%

Note: Costs provided by the New Jersey Turnpike Authority's Finance Department



## **A. PROJECT ACTIVITIES AND STATUS**

The project activities and status presented in this section were compiled from information reported by Authority staff, review of contract documents and from information reported as part of the Authority's Monthly Board Meetings for this quarter.

### **39001011      Bridge Preservation and Security**

This project provides for the design and construction of countermeasures and security improvements for the Authority's 16 major bridges on the Turnpike and Parkway. It also includes the design and construction of seismic retrofitting of the Turnpike's highest priority bridges as recommended from the Phase I Seismic Screening and Prioritization Report. This project further provides for the design and construction of miscellaneous bridge work on the Turnpike not covered under the annual miscellaneous structural repair contracts. The primary work includes bridge bearing replacement and significant substructure repairs.

#### **Contract No. A100.196, Bridge Security Program**

The contract involves construction management and general contracting services to execute and manage work orders as required to perform security improvements at the Authority's highest priority bridges.

Percent Complete:	99
Original Contract Value:	\$79,225,000
Present Contract Value:	\$59,225,000
Original Completion Date:	December 31, 2016
Substantial Completion Date:	February 20, 2019
Remarks:	Closeout in progress.

Tishman Construction Corporation is the contractor and WSP is providing construction supervision services.

### **39003035      Interchange Improvements**

This project includes improvements to interchanges on the Turnpike and Parkway. Interchange locations include Turnpike Interchanges 9, 10, 15W and 16W, and Parkway Interchanges 0, 105, 109, 145 and 163.

#### **Contract No. P300.433, Replacement of the Central Avenue Overpass at Interchange 145 and Bridge Deck Reconstruction, Milepost 144 to 152**

This contract provides for the replacement of the Central Avenue overpass over the Garden State Parkway and improvements to Interchange 145 in Essex County. Improvements include the implementation of one-way tolls, widening of the Garden State Parkway southbound entrance ramp from the Interchange 145 toll plaza to provide a two-lane entrance ramp and the widening of the northbound Garden State Parkway to provide a two-lane exit ramp to the Interchange 145 toll plaza. The contract also includes bridge deck reconstruction at five bridges between Milepost 144.7 to 151.6.

Percent Complete:	88
-------------------	----

Original Contract Value: \$63,186,107  
Present Contract Value: \$76,153,309  
Original Completion Date: August 12, 2022  
Remarks: The Contract is on schedule.

George Harms Construction Co., Inc. is the contractor and AECOM Technical Services, Inc. is providing construction supervision services.

In November 2021, The Authority ratified Action Taken and Authorization for Acquisition of Property Interests and Expenditure of Funds Required for the Interchange 105 Improvements Project, Garden State Parkway, Borough of Tinton Falls, County of Monmouth (the "Project"), in the amount of \$1,475,000.00.

### **39005013 Facilities Improvements Phase I**

This project replaces and rehabilitates facilities at 22 Turnpike and Parkway maintenance districts to bring 50+ year old maintenance buildings into compliance with current building codes and operational standards. The project also includes repairing/rehabilitating several Turnpike toll plazas to incorporate safety and operational improvements. Finally, four new State Police facilities will be constructed under this project.

#### **Contract No. P500.354, Facilities Improvement Program PMD 1-Swainton, Milepost 13.8 SB and PMD 4-Herbertsville, Milepost 94.3 SB**

This contract provides for the construction of a 16,000 SF replacement maintenance building and a new 9,000 SF salt storage shed at Parkway Maintenance District 1 in Middle Township, as well as the construction of a 14,000 SF new maintenance building and 9,000 SF salt shed at Parkway Maintenance District 4 in Wall Township.

Percent Complete: 98  
Original Contract Value: \$31,918,223  
Present Contract Value: \$32,378,290  
Original Completion Date: November 28, 2016  
Substantial Completion Date: December 21, 2017  
Remarks: Final Inspection was performed at PMD 1 on June 15, 2017. PMD 4 MUB Beneficial Inspection was performed on December 21, 2017. Contract is substantially complete.

A.P. Construction, Inc. is the contractor and Hill International, Inc. is providing construction supervision services.

#### **Contract No. P500.360, Facilities Improvement Program PMD 5 (Telegraph Hill) Milepost 116, PMD 6 (Clark) Milepost 136.7 SB, PMD 7 (Clifton) Milepost 156.1 NB, and PMD 8 (Paramus) Milepost 164.2 SB**

This contract provides for the demolition of existing maintenance buildings and the construction of new multi-use maintenance buildings, including site work, at the Parkway Maintenance District 5 in Holmdel,

Parkway Maintenance District 7 in Clifton and Parkway Maintenance District 8 in Paramus. The contract also includes minor renovations and HVAC rehabilitation at Parkway Maintenance District 6 in Clark.

Percent Complete: 99  
Original Contract Value: \$52,000,000  
Present Contract Value: \$57,349,952  
Original Completion Date: February 5, 2018  
Substantial Completion Date: January 18, 2018  
Remarks: Final Inspection was performed on January 18, 2018. Closeout is in progress.

Dobco, Inc. is the contractor and Hill International, Inc. is providing construction supervision services.

**Contract No. P500.361, New Multi-use Building and Salt Storage Shed at PMD 2 (Whitehorse) Milepost 41.0 and PMD 3 (Ocean) Milepost 67.7**

This contract provides for the construction of a multi-use building and a salt storage shed at Parkway Maintenance District 2 in Galloway Township at Milepost 41, and for the construction of a multi-use building and a salt storage shed at Parkway Maintenance District 3 in Barnegat Township at Milepost 67.7. Both locations include site and utility improvements.

Percent Complete: 99  
Original Contract Value: \$40,838,672  
Present Contract Value: \$41,846,561  
Original Completion Date: November 20, 2017  
Substantial Completion Date: May 24, 2018  
Remarks: Final Inspection was performed on May 24, 2018. Closeout is in progress.

A.P. Construction, Inc. is the contractor and Hill International, Inc. is providing construction supervision services.

**Contract No. T500.358, Facilities Improvements to Interchange 1, Milepost 2.4 NB; Maintenance Districts TMD 2, Milepost 37.0 NB; and TMD 3, Milepost 56.0 NB**

This contract provides for the construction of a salt storage shed at Turnpike Interchange 1 in Carneys Point Township at Milepost 2.4 NB; renovation of an existing multi-use building and the construction of a new multi-use building at Turnpike Maintenance District 2 in Mount Laurel Township at Milepost 37.0 NB; and the construction of a new multi-use building and salt storage shed at Turnpike Maintenance District 3 in Chesterfield Township at Milepost 56.0 NB. The work at all three sites includes site work, utility relocations and utility connections.

Percent Complete: 99  
Original Contract Value: \$56,893,382  
Present Contract Value: \$57,806,508  
Original Completion Date: November 30, 2018  
Substantial Completion Date: May 30, 2019  
Remarks: The Authority moved into TMD 3 in August 2020. Closeout is in progress.

Dobco, Inc. is the contractor and Hill International, Inc. is providing construction supervision services.

**Contract No. T500.363, New Multi-Use Building and Salt Storage Shed at TMD 4, Hightstown, Milepost 67.0 SB and New Multi-Use Building and Salt Storage Shed at TMD 9, Jersey City, Milepost NBHCE 5.9**

This contract provides for the construction of a new multi-use maintenance building, a new salt shed, renovation of an existing multi-use maintenance building, and a new brine salt storage structure at Turnpike Maintenance District 4 in East Windsor Township; and the construction of a new multi-use maintenance building and associated utility improvements at Turnpike Maintenance District 9 in Jersey City.

Percent Complete:	100
Original Contract Value:	\$41,087,000
Present Contract Value:	\$47,005,499
Original Completion Date:	September 15, 2018
Substantial Completion Date:	May 14, 2020
Final Completion Date:	November 23, 2021

Remarks: Final Acceptance was authorized at the November 23, 2021 Commission Meeting.

Joseph A. Natoli Construction Corporation is the contractor and Hill International, Inc. is providing construction supervision services.

**Contract No. T500.365, Replacement of Maintenance Building at TMD 1, Swedesboro, Milepost 13.0 NB**

This contract provides for the construction of a replacement maintenance building at Turnpike Maintenance District 1 in Woolwich Township at Milepost 13.0 NB. The work consists of the construction of a 16,000 SF building, utility relocations, and the establishment of temporary parking facilities for trucks assigned to the district.

Percent Complete:	98
Original Contract Value:	\$12,369,947
Present Contract Value:	\$12,612,551
Original Completion Date:	December 30, 2016
Substantial Completion Date:	April 6, 2017

Remarks: Final Inspections were performed for the multi-use building on April 6, 2017 and the final site work on May 30, 2019. Contract is substantially complete.

A.P. Construction, Inc. is the contractor and Hill International, Inc. is providing construction supervision services.

**Contract No. T700.419, Molly Pitcher Service Area (7S) Sanitary Pump Station**

This contract provides for construction of a replacement of the existing sanitary sewer pump station at Service Area 7S at Milepost 71.7 in Cranbury, New Jersey. Work includes construction of a submersible pump station, sanitary sewer mains, valve vault and site work.

Percent Complete:	100
-------------------	-----

Original Contract Value: \$1,031,545  
Present Contract Value: \$1,039,511  
Original Completion Date: October 11, 2019  
Substantial Completion Date: June 17, 2020  
Final Completion Date: October 26, 2021  
Remarks: Final Acceptance was authorized at the October 26, 2021 Commission Meeting.

Mount Construction Co., Inc. is the contractor and Stantec Consulting Services, Inc. is providing construction supervision services.

### **39006019 Sign Replacements Phase II**

This project includes the design, fabrication and construction of over 220 Variable Message Signs (VMSs) and sign structures at various locations along the Turnpike and the Parkway. The project provides for design and construction of VMS sign supports, provision and installation of VMS signs, and connectivity for communications and controls through the Statewide Traffic Management Center (STMC).

#### **Contract No. A600.102G, Installation of Variable Message Signs at New and Existing Locations on the Turnpike and Parkway**

This contract involves the construction of Variable Message Signs (VMS) at 16 new and 13 existing locations which include constructing foundations for new sign structures, furnishing and installing VMS support structures, installing and testing of VMS, installing roadway safety features and associated electrical and ITS work. The work also includes the removal of existing VMS and structures that are no longer needed.

Percent Complete: 98  
Original Contract Value: \$17,865,277  
Present Contract Value: \$17,561,429  
Original Completion Date: February 24, 2021  
Substantial Completion Date: February 23, 2021  
Remarks: Contract is substantially complete. Electrical hookups to be completed by PSE&G.

PKF-Mark III, Inc. is the contractor and M&J Engineering, P.C. is providing construction supervision services.

### **39011025 Turnpike Newark Bay Hudson County Extension (NBHCE) Bridge Re-Decking**

This project provides for the design and construction of the re-decking of various structures on the Newark Bay-Hudson County Extension, including the Newark Bay Bridge, Str. No. N2.01. This project also provides for the repairs to structural steel and substructure units, security improvements and painting.

#### **Contract No. T100.184, Newark Bay Bridge West Approach, Bridge Deck Reconstruction, Miscellaneous Structural Repairs, Roadway Lighting Improvements, Milepost N0.00 to N6.00**

This contract provides for deck reconstruction, replacement of deck joints, roadway lighting and drainage improvements, tie chord redundancy retrofit, structural steel repair and retrofit, repainting of tie chords,

splash zones repainting of structural steel and the removal of the shoulder use temporary lane control system.

Percent Complete: 73  
Original Contract Value: \$138,828,000  
Present Contract Value: \$141,173,028  
Original Completion Date: April 19, 2023  
Remarks: Contract is on schedule.

Schiavone Construction Co., LLC is the contractor and APTIM Environmental & Infrastructure, Inc. is providing construction supervision services.

#### **Contract No. T100.321, Rehabilitation of Structure Nos. N6.49, N6.80E and N6.80W**

This contract provides for the complete rehabilitation of the East Viaduct (Str. No. N6.49) and its companion structures, the Columbus Drive exit ramp (Str. No. N6.80E) and the Merseles Street entrance ramp (Str. No. N6.80W). The primary scope of work involves bridge deck reconstruction in the eastbound direction, structural strengthening and repairs, structural repainting, lighting and drainage improvements and rehabilitation of the Interchange 14C toll plaza approaches at the western limit of the project.

Percent Complete: 99  
Original Contract Value: \$88,875,643  
Present Contract Value: \$90,688,573  
Original Completion Date: July 30, 2020  
Substantial Completion Date: August 12, 2021  
Remarks: A Final Inspection was conducted on August 12, 2021. Closeout is in progress.

J. Fletcher Creamer & Son, Inc. & Joseph M. Sanzari, Inc., A Joint Venture is the contractor and WSP USA Inc. is providing construction supervision services.

#### **39021036 Parkway Great Egg Harbor and Drag Channel Bridges**

This project provides for the design and construction of a new parallel bridge carrying the southbound Parkway over Great Egg Harbor and Drag Channel. The new bridge will be constructed west of the existing southbound structure. The new bridges include a new 3,834-foot-long bridge over Great Egg Harbor and a new 770-foot-long bridge over Drag Channel. Construction will also include approximately 4,900 linear feet of new approach roadways; demolition of the existing southbound bridge; rehabilitation of the northbound Parkway bridge; and demolition of the nearby existing Beesley's Point Bridge. Special construction features include use of high performance concrete for the bridge decks, a 10-foot-wide multi-use pathway on the west side of the new bridges and approach roadways, and a plastic lumber fender system to protect the bridge piers.

**Contract No. P100.251, Replacement of Structure Nos. 28.0S and 28.5S, Milepost 27.0 to 28.8 – Great Egg Harbor Bridge**

This contract replaces Str. Nos. 28.0S and 28.5S with two new parallel structures to the west of the existing bridges. The roadway of these bridges will include a 10-foot wide multi-use pathway. The contract includes interim repairs to the existing northbound Great Egg Harbor and Drag Channel bridges and demolishing the NJDOT's Beesley's Point Bridge.

Percent Complete: 99

Original Contract Value: \$129,885,762

Present Contract Value: \$139,723,594

Original Completion Date: June 20, 2016

Substantial Completion Date: April 19, 2017

Remarks: Final Inspection was performed on April 19, 2017. Closeout is contingent upon resolution of legal issue being handled by NJTA Law Department.

Route 52 Constructors is the contractor and Parsons Brinckerhoff Construction Services Inc. is providing construction supervision services.

**39023024 Parkway Interchange 125 Phase I**

Interchange 125 is presently configured with a southbound entrance and northern exit ramp. This project will provide a new northbound entrance and new southbound exit ramp. The southbound exit ramp will be tolled to be consistent with one-way tolls at the Raritan Toll Plaza.

**Contract No. P300.229, Interchange 125 Improvements, Milepost 125.7 to 128.1**

This contract provides for the realignment and replacement of the two Parkway Mainline bridge structures over Chevalier Avenue and the construction of four new ramps to and from the Garden State Parkway to complete the existing interchange movements at Interchange 125. Work also includes a new toll gantry for electronic collection at the new southbound exit ramp, widening of Main Street Extension, widening and reconstruction of Chevalier Avenue, new traffic signals, utility relocation; construction of sign structures and six retaining walls, reconstruction of storm water drainage systems and guide rail installation from Milepost 125.7 to 128.1 in Sayreville.

Percent Complete: 99

Original Contract Value: \$72,391,524

Present Contract Value: \$83,383,686

Original Completion Date: October 25, 2019

Substantial Completion Date: June 12, 2020

Estimated Completion Date: January 25, 2022

Remarks: Final Inspection was performed on June 12, 2020. Closeout is in progress. Final Completion is anticipated early 2022.

A. Servidone, Inc. & B. Anthony Construction Corp., A Joint Venture is the contractor and HNTB Corporation is providing construction supervision services.



## B. SUMMARY OF ACTIVE CONSTRUCTION CONTRACTS BY PROJECT

Active construction contracts during the reporting period are summarized in the table below. Contracts that have achieved 100 percent completion status prior to the reporting period are not shown. The percent complete, contract values, and completion dates reflect information obtained through review of contract documentation and from information provided in the latest Monthly Board Meeting Agenda (December 2021). All contract values in the table have been rounded to the nearest dollar.

Contract No.	Contractor	Percent Complete (%)	Original Contract Value	Present Contract Value	Original Completion Date	Revised Completion Date	Substantial Completion Date	Estimated Completion Date
<b>39001011 Bridge Preservation and Security</b>								
A100.196	Tishman Construction Corporation of NJ	99	\$79,225,000	\$59,225,000	12/31/2016	--	2/20/2019	--
<b>39003035 Interchange Improvements</b>								
P300.433	George Harms Construction Co., Inc.	88	\$63,186,107	\$76,153,309	8/12/2022	--	--	--
<b>39005013 Facilities Improvement Phase I</b>								
P500.354	A.P. Construction, Inc.	98	\$31,918,223	\$32,378,290	11/28/2016	--	12/21/2017	--
P500.360	Dobco, Inc.	99	\$52,000,000	\$57,349,952	2/5/2018	--	1/18/2018	--
P500.361	A.P. Construction, Inc.	99	\$40,838,672	\$41,846,561	11/20/2017	--	5/24/2018	--
T500.358	Dobco, Inc.	99	\$56,893,382	\$57,806,508	11/30/2018	--	5/30/2019	--
T500.363	Joseph A. Natoli Construction Corporation	100	\$41,087,000	\$47,005,499	9/15/2018	11/23/21	5/14/2020	--
T500.365	A.P. Construction, Inc.	98	\$12,369,947	\$12,612,551	12/30/2016	--	4/6/2017	--
T700.419	Mount Construction Co., Inc.	100	\$1,031,545	\$1,039,511	10/11/2019	10/26/21	6/17/2020	--
<b>39006019 Sign Replacements Phase II</b>								
A600.102G	PKF-Mark III, Inc.	98	\$17,865,277	\$17,561,429	2/24/2021	--	2/23/2021	--
<b>39011025 TPK Newark Bay Hudson County Extension (NBHCE) Bridge Re-Decking</b>								
T100.184	Schiavone Construction Co., LLC	73	\$138,828,000	\$141,173,028	4/19/2023	--	--	--
T100.321	J. Fletcher Creamer & Son, Inc. & Joseph M. Sanzari, Inc., A Joint Venture	99	\$88,875,643	\$90,688,573	7/30/2020	--	8/12/2021	--
<b>39021036 GSP Great Egg Harbor and Drag Channel Bridges</b>								
P100.251	Route 52 Constructors	99	\$129,885,762	\$139,723,594	6/20/2016	--	4/19/2017	--



Contract No.	Contractor	Percent Complete (%)	Original Contract Value	Present Contract Value	Original Completion Date	Revised Completion Date	Substantial Completion Date	Estimated Completion Date
<b>39023024</b>	<b>GSP Interchange 125 Phase I</b>							
P300.229	A. Servidone, Inc. & B. Anthony Construction Corp., A Joint Venture	99	\$72,391,524	\$83,383,686	10/25/2019	--	6/12/2020	1/25/2022

### **C. STATUS OF CONSTRUCTION FUNDS**

At the October 10, 2008 Commission meeting, the Board authorized the \$7B CIP to fund major improvements on the New Jersey Turnpike and Garden State Parkway. The \$7B CIP includes the design, construction and construction supervision for 35 capital improvement projects on both the Parkway and Turnpike.

The tabulations on subsequent pages are current as of the last day in the report quarter and indicate the current budget for each project. The first tabulation indicates the status of funds supplied by bond sales. The “Budget” column indicates funds to be supplied from the construction fund only. Certain projects in the tabulation may receive funds from reserve funds or other sources which are derived from revenues. “Committed” indicates the amount of funds obligated through existing agreements and the unexpended portion of awarded ongoing contracts. The second tabulation presents a comparison between the planned expenditures and actual expenditures for this year. All amounts in the tabulations were obtained from the Authority’s Finance Department.

In terms of costs expended, the \$7B CIP is 99 percent complete as of the close of the quarter. In terms of elapsed time, the program commenced in January 2009 and has been active for 13-years and 0-months.

**\$7B Capital Improvement Program, Fund 390**  
**Funds Supplied by Bond Sales**  
**as of December 31, 2021**

Project No.	Project Name	Total Project Budget	Expended Thru 12/31/2020	Committed	Expended YTD 2021	Remaining Balance
39001008	Bridge Painting Phase I	\$105,268,000	\$105,029,715	-	\$11,067	\$227,218
39001010	Deck Reconstruction Phase I	\$200,344,000	\$200,153,730	\$40,247	(\$6)	\$150,030
39001011	Bridge Preservation and Security	\$93,970,154	\$92,835,143	\$(366,995)	\$296,606	\$1,205,400
39001033	Deck Reconstruction Phase II	\$145,400,000	\$130,384,377	\$11,152,708	\$579,354	\$3,283,562
39001034	Bridge Painting Phase II	\$67,430,009	\$63,898,634	\$2,651,066	\$1,889,709	(\$9,401)
39002003	Drainage Improvements	\$62,187,000	\$61,912,364	-	(\$24)	\$274,660
39002016	Improvements to Roadway Appurtenances	\$41,483,000	\$41,478,928	-	(\$12)	\$4,084
39002017	Median Barrier Improvements	\$51,490,000	\$50,876,785	\$271,012	\$333,593	\$8,609
39003035	Interchange Improvements	\$416,785,000	\$378,312,769	\$13,271,376	\$19,734,267	\$5,466,588
39003040	Salt Storage Facilities	\$17,561,201	\$17,561,201	-	-	\$0
39005013	Facilities Improvements Phase I	\$666,742,200	\$649,058,048	\$9,411,920	\$2,592,801	\$5,679,431
39006014	Sign Replacements Phase I	\$139,873,905	\$139,390,591	\$384,751	(\$36)	\$98,599
39006019	Sign Replacements Phase II	\$159,376,000	\$151,259,729	\$2,336,198	\$3,184,203	\$2,595,870
39009036	TPK and GSP Southern Improvements	\$15,865,505	\$15,865,192	-	-	\$313
39011002	TPK Interchange 16E-18E Bridge Improvements	\$15,147,165	\$15,147,165	-	-	\$0
39011012	TPK Hackensack East Bridge Rehabilitation	\$132,026,700	\$131,977,543	-	(\$72)	\$49,229
39011025	TPK NBHC Extension Bridge Re-decking	\$512,912,105	\$390,812,068	\$49,021,560	\$49,260,518	\$23,817,959
39011028	TPK Special Bridge Structures	\$7,726,200	\$7,368,249	-	(\$12)	\$357,963
39013005	TPK Int 8A to Route 130 Connector Improvements	\$7,030,000	\$6,157,447	-	-	\$872,553
39013027	TPK Interchange 14A Reconstruction	\$288,267,809	\$278,256,302	\$112,546	(\$8,777)	\$9,907,738
39018001	TPK Interchange 6-9 Widening	\$2,133,453,393	\$2,129,757,190	\$2,409,681	\$204,943	\$1,081,580

Project No.	Project Name	Total Project Budget	Expended Thru 12/31/2020	Committed	Expended YTD 2021	Remaining Balance
39021004	GSP Bass River Bridge	\$76,442,600	\$76,439,628	-	(\$6)	\$2,978
39021015	GSP Mullica River Bridge	\$49,402,045	\$49,392,352	-	-	\$9,693
39021020	GSP Bridge Substructure Repairs	\$33,469,000	\$33,249,295	-	-	\$219,705
39021036	GSP Great Egg Harbor and Drag Channel Bridges	\$264,903,305	\$257,187,497	\$4,030,431	\$48,610	\$2,636,767
39022023	GSP Mainline Shoulder Improvements	\$363,999,146	\$359,497,682	\$4,058,424	\$3,558	\$439,482
39023006	GSP Interchange 41 Improvements	\$22,953,958	\$22,861,787	\$19,613	\$45,976	\$26,582
39023007	GSP Interchange 142 Improvements	\$654,796	\$654,796	-	-	-
39023009	GSP Interchange 44 Improvements	\$28,972,153	\$28,833,371	-	-	\$138,782
39023022	GSP Interchange 9, 10 & 11 Improvements	\$88,611,812	\$82,372,979	\$1,909,435	\$81,417	\$4,247,980
39023024	GSP Interchange 125 Phase I	\$97,994,457	\$92,907,572	\$1,045,540	\$3,553,443	\$487,924
39023029	GSP Interchange 88 Improvements	\$97,432,843	\$97,432,843	-	-	-
39023030	GSP Interchange 91 Improvements	\$11,575,795	\$2,581,620	\$8,078,471	-	\$915,703
39028018	GSP Widening Interchange 63-80	\$126,935,744	\$126,909,070	\$2,845	\$22,980	\$849
39028031	GSP Widening Interchange 35-63	\$456,313,000	\$446,591,141	\$1,149,669	\$138,256	\$8,433,934
Total		\$7,000,000,000	\$6,734,404,801	\$110,990,499	81,972,356	\$72,632,366

Note: Costs provided by the New Jersey Turnpike Authority's Finance Department

**\$7B Capital Improvement Program**  
**Spend Down - Planned vs. Actual for Fund 390**  
**as of December 31, 2021**

Project No.	Project Name	Year-To-Date Planned	Year-To-Date Actual	Year-To-Date Variance	Life-To-Date Actual
39001008	Bridge Painting Phase I	-	\$11,067	(\$11,067)	\$105,040,782
39001010	Deck Reconstruction Phase I	-	(\$6)	\$6	\$200,153,724
39001011	Bridge Preservation and Security	\$406,188	\$296,606	\$109,582	\$93,131,748
39001033	Deck Reconstruction Phase II	\$10,692,425	\$579,354	\$10,113,071	\$130,963,731
39001034	Bridge Painting Phase II	\$8,163	\$1,889,709	(\$1,881,546)	\$65,788,343
39002003	Drainage Improvements	-	(\$24)	\$24	\$61,912,340
39002016	Improvements to Roadway Appurtenances	-	(\$12)	\$12	\$41,478,916
39002017	Median Barrier Improvements	\$325,231	\$333,593	(\$8,363)	\$51,210,379
39003035	Interchange Improvements	\$18,885,999	\$19,734,267	(\$848,269)	\$398,047,036
39003040	Salt Storage Facilities	-	-	-	\$17,561,201
39005013	Facilities Improvements Phase I	\$21,000,499	\$2,592,801	\$18,407,698	\$651,650,849
39006014	Sign Replacements Phase I	\$12,036	(\$36)	\$12,072	\$139,390,555
39006019	Sign Replacements Phase II	\$7,197,711	\$3,184,203	\$4,013,508	\$154,443,932
39009036	TPK and GSP Southern Improvements	-	-	-	\$15,865,192
39011002	TPK Interchange 16E-18E Bridge Improvements	-	-	-	\$15,147,165
39011012	TPK Hackensack East Bridge Rehabilitation	\$27,314	(\$72)	\$27,386	\$131,977,471
39011025	TPK NBHC Extension Bridge Re-decking	\$58,978,755	\$49,260,518	\$9,718,237	\$440,072,585
39011028	TPK Special Bridge Structures	\$4,082	(\$12)	\$4,094	\$7,368,237
39013005	TPK Int 8A to Route 130 Connector Improvements	-	-	-	\$6,157,447
39013027	TPK Interchange 14A Reconstruction	\$81,422	(\$8,777)	\$90,199	\$278,247,525
39018001	TPK Interchange 6-9 Widening	\$1,465,634	\$204,943	\$1,260,691	\$2,129,962,132

Project No.	Project Name	Year-To-Date Planned	Year-To-Date Actual	Year-To-Date Variance	Life-To-Date Actual
39021004	GSP Bass River Bridge	\$2,041	(\$6)	\$2,047	\$76,439,622
39021015	GSP Mullica River Bridge	-	-	-	\$49,392,352
39021020	GSP Bridge Substructure Repairs	-	-	-	\$33,249,295
39021036	GSP Great Egg Harbor and Drag Channel Bridges	\$2,182,770	\$48,610	\$2,134,160	\$257,236,107
39022023	GSP Mainline Shoulder Improvements	\$3,140,424	\$3,558	\$3,136,866	\$359,501,240
39023006	GSP Interchange 41 Improvements	\$72,216	\$45,976	\$26,240	\$22,907,762
39023007	GSP Interchange 142 Improvements	-	-	-	\$654,796
39023009	GSP Interchange 44 Improvements	-	-	-	\$28,833,371
39023022	GSP Interchange 9, 10 & 11 Improvements	\$4,251,931	\$81,417	\$4,170,513	\$82,454,397
39023024	GSP Interchange 125 Phase I	\$5,300,046	\$3,553,443	\$1,746,603	\$96,460,993
39023029	GSP Interchange 88 Improvements	-	-	-	\$97,432,843
39023030	GSP Interchange 91 Improvements	\$8,942,141	-	\$8,942,141	\$2,581,620
39028018	GSP Widening Interchange 63-80	\$57,598	\$22,980	\$34,618	\$126,932,050
39028031	GSP Widening Interchange 35-63	\$2,999,056	\$138,256	\$2,860,800	\$446,729,398
Total		\$146,033,681	\$81,972,356	\$64,061,324	\$6,816,377,135

Note: Costs provided by the New Jersey Turnpike Authority's Finance Department

#### D. FOURTH QUARTER 2021 SUMMARIES

The following summary describes Board authorization actions for procurements, final closeouts, change orders, and utility orders that involved Fund 390 for the reporting quarter. The summary tables in this section provide more detail on the Board authorizations for the reporting quarter.

Summary of Procurements	
Law Subtotal	\$0.00
Competitive Procurement Subtotal	\$0.00
Non-Competitive Procurement Subtotal	\$0.00
Total Procurements	\$0.00

Total Final Closeouts	\$577,950.01
-----------------------	--------------

Total Change Orders	\$3,476,151.58
---------------------	----------------

Total Utility Orders	\$0.00
----------------------	--------

Total Litigation Settlements	\$1,475,000.00
------------------------------	----------------

## Fourth Quarter 2021 - Procurement Summary

NJTA Project No.	Contract No.	OPS No. for Design	OPS No. for Construction Services	Vendor	Project Description	Amount
LAW						
--	--	--	--	--	--	--
COMPETITIVE PROCUREMENT						
--	--	--	--	--	--	--
NON-COMPETITIVE PROCUREMENT						
--	--	--	--	--	--	--
Total						\$0.00



## Fourth Quarter 2021 - Final Closeout Summary

NJTA Project No.	Contract No.	Contractor	Award Total Amount	No. of Change Orders	Additions/Reductions	Final Total Contract Amount	Final Payment Amount
39005013	T500.563	Joseph A. Natoli Construction Co.	\$41,087,000.00	12	\$5,918,498.50	\$47,005,498.50	\$551,907.25
39005013	T700.419	Mount Construction Co., Inc.	\$1,031,545.00	4	\$7,966.34	\$1,039,511.34	\$26,042.76
Total							\$577,950.01

## Fourth Quarter 2021 - Change Order Summary

NJTA Project No.	Change Order Type	Change Order No.	Contract No.	Contractor	Original Contract Amount	Present Contract Amount	Latest (Additions / Reductions)	Extension of Time	Revised Contract Amount
39003035	2	9	P300.433	George Harms Construction Co., Inc.	\$63,186,106.75	\$73,364,870.15	\$30,542.01	--	\$73,395,412.16
39003035	1	10	P300.433	George Harms Construction Co., Inc.	\$63,186,106.75	\$73,395,412.16	\$2,757,897.10	--	\$76,153,309.26
39005013	2	2	P500.361	A.P. Construction, Inc.	\$40,838,67.38	\$41,846,637.70	(\$76.59)	--	\$41,846,561.11
39005013	1	12F	T500.363	Joseph A. Natoli Construction Co.	\$41,087,000.00	\$47,377,192.11	(\$371,693.61)	--	\$47,005,498.50
39005013	1	2	T500.365	A.P. Construction, Inc.	\$12,369,947.00	\$12,612,573.82	(\$23.22)	--	\$12,612,550.60
39006019	2	4F	A600.102G	PKF-Mark III, Inc.	\$17,865,277.28	\$17,862,711.02	(\$301,281.69)	--	\$17,561,429.33
39011025	2	3	T100.184	Schiavone Construction Co., LLC	\$138,828,000.00	\$140,459,381.31	\$713,646.64	--	\$141,173,027.95
39011025	2	7	T100.321	J. Fletcher Creamer & Son, Inc. & Joseph M. Sanzari, Inc. A Joint Venture	\$88,875,642.80	\$90,693,830.97	(\$5,258.37)	--	\$90,688,572.60
39023024	2	14F	P300.229	A Servidone, Inc. / B. Anthony Construction Corp., A Joint Venture	\$72,391,523.50	\$82,731,286.33	\$652,399.31	--	\$83,383,685.64
Total							\$3,476,151.58		

## Fourth Quarter 2021 - Utility Order Summary

NJTA Project No.	Utility Order No.	Supplement No. (if applicable)	Utility Company	Associated Contract No.	Project Description	Cost	Status
--	--	--	--	--	--	--	--
Total						\$0.00	

## Fourth Quarter 2021 - Litigation Settlement Summary

NJTA Project No.	Contract No.	Contract Description	Amount
39003035	P300.264 / P300.271	Garden State Parkway Interchange 105 Improvements Project	\$1,475,000.00
Total			\$1,475,000.00

