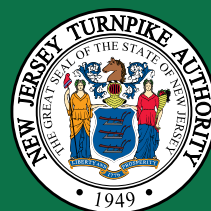


# 2024 - 2028 PROJECT SUMMARY

NEW JERSEY TURNPIKE AUTHORITY



MAY 2024

# New Jersey Turnpike Authority

## 2024-2028 Projects Summary

### Estimated OPS Issuance and Construction Contract Awards



The New Jersey Turnpike Authority (Authority) operates and maintains two of the busiest toll roads in the United States - the New Jersey Turnpike and the Garden State Parkway. These roads provide safe, quick, and convenient routes for thousands of drivers every hour of every day. Stewardship of these roadway systems requires sophisticated planning and constant maintenance to provide its customers with a safe, efficient, innovative, and resilient toll road system that facilitates mobility in New Jersey and the Northeast United States.

The Authority's Turnpike Revenue Bond Resolution, Section 710, requires the Board of Commissioners to adopt an Annual Budget each year. The Annual Budget funds projects over the subsequent 5-year period through two funding sources: revenue funds and bond funds. Revenue funded projects are primarily for routine maintenance of Authority assets as well as small projects and short-term efforts. Maintenance projects include pavement and bridge resurfacing, facility upgrades, miscellaneous repair work, and studies. Bond funded projects include all projects in the Authority's capital improvement program (CIP). The CIP includes moderate to large scale projects that provide replacement, rehabilitation, and/or improvement of existing assets. Examples of CIP projects include bridge rehabilitation and replacement, culvert rehabilitation, conversion of highway lighting to LED, roadside barrier replacement, and capacity improvements.

In order to provide more information to consultants, vendors, and contractors within the transportation and technology industries and to the general public, the Authority has provided the following summary of projects that are anticipated to be awarded during the five-year period 2024 to 2028. The summary shows estimated dollar values for issuance of Orders for Professional Services (OPS) and award of Construction contracts and indicates the approximate year they will be implemented.

The projects that make up the 2024 Annual Budget demonstrate the Authority's continued investment in its Mission.

#### ***MISSION***

---

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

Correspondingly, the projects support many of the Authority's Core Values including: Safety, Mobility, State of Good Repair, Customer Satisfaction, Resiliency, and Sustainability. The capital investment in these projects is expected to boost mobility and improve safety for future generations of New Jersey patrons.

*Note: Projects, schedules, and dollar values shown herein are estimates and may change as projects are updated and more detailed information becomes available.*

# 2024-2028 Projects Summary

## OPS Issuances and Construction Contract Awards



Click on the Project Type below for additional details.

OPS Issuances and Construction Contract Awards (\$ thousands)

Project Type	2024	2025	2026	2027	2028	Five-Year Total
Bridge Construction, Preservation, and Security	\$478,000	\$381,000	\$305,000	\$101,000	\$82,000	\$1,347,000
Capacity Enhancements - Parkway	\$18,000	\$10,000	\$426,000	\$0	\$0	\$454,000
Capacity Enhancements - Turnpike	\$272,000	\$473,000	\$583,000	\$2,314,000	\$452,000	\$4,094,000
Drainage Structures	\$69,000	\$69,000	\$60,000	\$82,000	\$92,000	\$372,000
Facilities	\$51,000	\$112,000	\$57,000	\$33,000	\$35,000	\$288,000
Interchanges	\$0	\$20,000	\$26,000	\$9,000	\$0	\$55,000
Other Roadway Improvements	\$41,000	\$121,000	\$10,000	\$35,000	\$26,000	\$233,000
Pavement Resurfacing	\$90,000	\$111,000	\$105,000	\$76,000	\$78,000	\$460,000
Roadside Barrier	\$54,000	\$84,000	\$37,000	\$40,000	\$130,000	\$345,000
Roadway Lighting	\$37,000	\$58,000	\$86,000	\$50,000	\$0	\$231,000
Total	\$1,110,000	\$1,439,000	\$1,695,000	\$2,740,000	\$895,000	\$7,879,000

# Bridge Construction, Preservation, and Security



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
GSP Specialized Structural Repairs Str. No. 127.2N	\$0	\$3,000	\$18,000	\$0	\$0	\$21,000
GSP Underdeck Bridge Lighting Str. No. 144.7	\$2,000	\$6,000	\$0	\$0	\$0	\$8,000
TPK Bridge Replacement of Str. Nos. E112.95A and E112.95B	\$189,000	\$0	\$0	\$0	\$0	\$189,000
TPK Deck Rehabilitation of Westerly Alignment Bridges	\$110,000	\$0	\$0	\$0	\$0	\$110,000
TPK Miscellaneous Repairs Str. No. P0.00	\$0	\$2,000	\$12,000	\$0	\$0	\$14,000
TPK NB-HCE Bridges, Zones 2 and 3	\$98,000	\$0	\$0	\$0	\$0	\$98,000
TPK Specialized Structural Repairs to Str. No. E109.83	\$0	\$5,000	\$36,000	\$0	\$0	\$41,000
TPK Superstructure Replacement Str. Nos. P2.05E, P2.05W, P2.27E and P2.27W	\$0	\$6,000	\$39,000	\$0	\$0	\$45,000
TPK Superstructure Replacement Str. E111.15	\$0	\$114,000	\$0	\$0	\$0	\$114,000
TPK Grade Separated U-Turns, MP 6.4 - 46.1	\$0	\$126,000	\$0	\$0	\$0	\$126,000
TPK Replacement of Str. Nos. 11.50 and 11.38	\$0	\$3,000	\$0	\$0	\$0	\$3,000
TPK Replacement of Str. Nos. 20.47 and 23.12	\$0	\$3,000	\$0	\$0	\$0	\$3,000
GSP Bridge Repairs (Various Locations)	\$32,000	\$40,000	\$46,000	\$46,000	\$30,000	\$194,000
TPK Bridge Bearing Replacement (Various Locations)	\$0	\$2,000	\$26,000	\$0	\$0	\$28,000

Note: Projects, costs, and schedules are estimates and subject to change

# Bridge Construction, Preservation, and Security



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
TPK Bridge Repairs (Various Locations)	\$41,000	\$41,000	\$45,000	\$50,000	\$47,000	\$224,000
TPK and GSP Bridge Inspection Program (Various Locations)	\$6,000	\$17,000	\$5,000	\$5,000	\$5,000	\$38,000
TPK and GSP Bridge Hydraulic and Scour Countermeasures (Various Locations)	\$0	\$4,000	\$18,000	\$0	\$0	\$22,000
TPK and GSP Bridge Parapet Upgrades (Various Locations)	\$0	\$9,000	\$60,000	\$0	\$0	\$69,000
Total	\$478,000	\$381,000	\$305,000	\$101,000	\$82,000	\$1,347,000

Note: Projects, costs, and schedules are estimates and subject to change

# Capacity Enhancements - Parkway



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
GSP Capacity and Interchange Improvements, MP 80 - 83	\$18,000	\$0	\$380,000	\$0	\$0	\$398,000
GSP Capacity Improvements, MP 129 - 131	\$0	\$10,000	\$46,000	\$0	\$0	\$56,000
Total	\$18,000	\$10,000	\$426,000	\$0	\$0	\$454,000

Note: Projects, costs, and schedules are estimates and subject to change

# Capacity Enhancements - Turnpike



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
TPK Interchange 1 - 4 Capacity Enhancements	\$50,000	\$58,000	\$583,000	\$60,000	\$452,000	\$1,203,000
TPK Newark Bay - Hudson County Extension Capacity Enhancements	\$222,000	\$415,000	\$0	\$1,974,000	\$0	\$2,611,000
TPK Tremley Point Connector Road Improvements	\$0	\$0	\$0	\$280,000	\$0	\$280,000
Total	\$272,000	\$473,000	\$583,000	\$2,314,000	\$452,000	\$4,094,000

# Drainage Structures



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
GSP Culvert Rehabilitation, MP 105 - 111	\$0	\$0	\$1,000	\$12,000	\$0	\$13,000
GSP Culvert Rehabilitation, MP 111 - 117	\$0	\$0	\$1,000	\$12,000	\$0	\$13,000
GSP Culvert Rehabilitation, MP 116 - 120	\$0	\$0	\$2,000	\$19,000	\$0	\$21,000
GSP Culvert Rehabilitation, MP 117 - 122	\$0	\$0	\$1,000	\$12,000	\$0	\$13,000
GSP Culvert Rehabilitation, MP 12 - 20	\$0	\$0	\$0	\$0	\$5,000	\$5,000
GSP Culvert Rehabilitation, MP 156 - 163 and 119.85	\$49,000	\$0	\$0	\$0	\$0	\$49,000
GSP Culvert Rehabilitation, MP 164 - 172	\$0	\$45,000	\$0	\$0	\$0	\$45,000
GSP Culvert Rehabilitation, MP 33.6, 62.85S, and 116.74	\$0	\$2,000	\$16,000	\$0	\$0	\$18,000
GSP Culvert Rehabilitation, MP 85 - 90	\$0	\$0	\$6,000	\$0	\$36,000	\$42,000
GSP Culvert Rehabilitation, MP 90 - 122	\$0	\$0	\$0	\$6,000	\$0	\$6,000
Heards Brook Improvements, Woodbridge	\$19,000	\$0	\$0	\$0	\$0	\$19,000
TPK Culvert Repairs, MP 77 - 97	\$0	\$0	\$0	\$0	\$6,000	\$6,000
TPK Culvert Repairs, MP W112 - W114	\$0	\$2,000	\$9,000	\$0	\$0	\$11,000
General Drainage Repairs (Various Locations)	\$0	\$3,000	\$0	\$0	\$0	\$3,000

Note: Projects, costs, and schedules are estimates and subject to change



# Drainage Structures



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
TPK and GSP Corrugated Metal Pipe Rehabilitation (Various Locations)	\$0	\$3,000	\$23,000	\$7,000	\$45,000	\$78,000
TPK and GSP Drainage Video Inspection and Cleaning (Various Locations)	\$1,000	\$14,000	\$1,000	\$14,000	\$0	\$30,000
Total	\$69,000	\$69,000	\$60,000	\$82,000	\$92,000	\$372,000

Note: Projects, costs, and schedules are estimates and subject to change

# Facilities



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
GSP Chevalier Maintenance Sub Yard	\$0	\$0	\$0	\$0	\$2,000	\$2,000
GSP Colonia Service Area Safety Improvements	\$0	\$2,000	\$0	\$0	\$0	\$2,000
TPK CDL Training Course and Site Improvements, Interchange 9	\$5,000	\$0	\$0	\$0	\$0	\$5,000
TPK Pump Station Repairs, MP 92	\$5,000	\$0	\$0	\$0	\$0	\$5,000
TPK Milltown Equipment Storage Building	\$0	\$3,000	\$0	\$0	\$0	\$3,000
TPK NJ State Police Troop D Cranbury Station	\$2,000	\$17,000	\$0	\$0	\$0	\$19,000
TPK Replacement of Sewage Pretreatment System at Richard Stockton Service Area	\$4,000	\$0	\$0	\$0	\$0	\$4,000
TPK Service Area 3S Force Main Upgrades	\$1,000	\$0	\$0	\$0	\$0	\$1,000
TPK Storage Building Improvements at TMD 3	\$0	\$3,000	\$0	\$0	\$0	\$3,000
TPK Storage Building & Improvements at TMD 9	\$0	\$6,000	\$0	\$0	\$0	\$6,000
Construction of Traffic Management Center Building Annex and Related Site Improvements	\$0	\$21,000	\$0	\$0	\$0	\$21,000
GSP Environmental Compliance Service Areas (Various Locations)	\$2,000	\$0	\$0	\$0	\$0	\$2,000
GSP Pre-Engineered Metal Building (Various Locations)	\$4,000	\$9,000	\$7,000	\$0	\$0	\$20,000
GSP Replacement of State Police Sub-Barracks (Various Locations)	\$10,000	\$0	\$0	\$0	\$0	\$10,000

Note: Projects, costs, and schedules are estimates and subject to change

# Facilities



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
TPK UST Replacements (Various Locations)	\$3,000	\$3,000	\$1,000	\$1,000	\$0	\$8,000
TPK Assessment and Programming Improvements at Various Toll Utility Buildings (Various Locations)	\$1,000	\$0	\$0	\$0	\$0	\$1,000
Assessment & Programming for Water & Sewer Upgrades (Various Locations)	\$2,000	\$0	\$0	\$0	\$0	\$2,000
Generator Replacements (Various Locations)	\$0	\$6,000	\$3,000	\$3,000	\$3,000	\$15,000
HVAC and Boiler Replace Program (Various Locations)	\$4,000	\$3,000	\$4,000	\$4,000	\$4,000	\$19,000
Immediate and Scheduled Repairs of Facilities (Various Locations)	\$4,000	\$0	\$0	\$0	\$0	\$4,000
Magnesium Chloride Tanks and Appurtenances (Various Locations)	\$1,000	\$3,000	\$0	\$0	\$0	\$4,000
Major Building Improvements (Various Locations)	\$0	\$8,000	\$8,000	\$8,000	\$9,000	\$33,000
Major Roofing Replacements (Various Locations)	\$2,000	\$5,000	\$5,000	\$5,000	\$5,000	\$22,000
Replacement of Standby Generators (Various Locations)	\$1,000	\$0	\$0	\$0	\$0	\$1,000
Solar Power Implementation Phase II (Various Locations)	\$0	\$13,000	\$19,000	\$0	\$0	\$32,000
Toll Facility Repairs (Various Locations)	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$20,000
Utility Replacement & Improvements (Various Locations)	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$20,000
Wastewater Asset Management (Various Locations)	\$0	\$0	\$0	\$2,000	\$2,000	\$4,000
<b>Total</b>	<b>\$51,000</b>	<b>\$112,000</b>	<b>\$57,000</b>	<b>\$33,000</b>	<b>\$35,000</b>	<b>\$288,000</b>

Note: Projects, costs, and schedules are estimates and subject to change

# Interchanges



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
TPK Interchange 69 Improvements	\$0	\$20,000	\$26,000	\$9,000	\$0	\$55,000
Total	\$0	\$20,000	\$26,000	\$9,000	\$0	\$55,000

# Other Roadway Improvements



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
GSP Shoulder Erosion Improvements, MP 154 - 155	\$2,000	\$12,000	\$0	\$0	\$0	\$14,000
TPK Interchanges 7 and 7A Ramp Gate Improvements	\$0	\$1,000	\$0	\$0	\$0	\$1,000
TPK Rehabilitation of the GSP Driscoll Bridge MSE Walls	\$6,000	\$0	\$0	\$0	\$0	\$6,000
TPK Bridge Line Striping Installation and Maintenance	\$2,000	\$0	\$0	\$0	\$0	\$2,000
TPK Maintenance and Repair of Roadside Safety Features and Sign Structures (Various Locations)	\$11,000	\$0	\$0	\$0	\$0	\$11,000
TPK Inspection of Noise Barriers and Retaining Walls (Various Locations)	\$0	\$0	\$0	\$0	\$2,000	\$2,000
TPK Inspection of Sign Structures (Various Locations)	\$0	\$2,000	\$2,000	\$2,000	\$0	\$6,000
Emergency Services Upgrades (Various Locations)	\$0	\$1,000	\$2,000	\$8,000	\$18,000	\$29,000
Major Sign and Safety Replacements (Various Locations)	\$2,000	\$19,000	\$0	\$13,000	\$0	\$34,000
Roadway Improvements and Repairs (Various Locations)	\$0	\$11,000	\$6,000	\$6,000	\$6,000	\$29,000
Signalized Intersection Upgrades (Various Locations)	\$0	\$0	\$0	\$6,000	\$0	\$6,000
On-Call Services (Various Locations)	\$18,000	\$0	\$0	\$0	\$0	\$18,000
General Consultant Engineer Services (Various Locations)	\$0	\$75,000	\$0	\$0	\$0	\$75,000
<b>Total</b>	<b>\$41,000</b>	<b>\$121,000</b>	<b>\$10,000</b>	<b>\$35,000</b>	<b>\$26,000</b>	<b>\$233,000</b>

Note: Projects, costs, and schedules are estimates and subject to change

# Pavement Resurfacing



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
GSP Resurfacing (Various Locations)	\$50,000	\$35,000	\$41,000	\$23,000	\$23,000	\$172,000
TPK Resurfacing (Various Locations)	\$40,000	\$76,000	\$64,000	\$53,000	\$55,000	\$288,000
Total	\$90,000	\$111,000	\$105,000	\$76,000	\$78,000	\$460,000

Note: Projects, costs, and schedules are estimates and subject to change

# Roadside Barrier



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
GSP Median Barrier MP 129 - 134	\$0	\$0	\$0	\$1,000	\$5,000	\$6,000
GSP Median Barrier MP 155 - 163	\$0	\$0	\$2,000	\$3,000	\$65,000	\$70,000
GSP Guide Rail Improvements (Various Locations)	\$4,000	\$0	\$25,000	\$0	\$0	\$29,000
TPK Guide Rail Improvements (Various Locations)	\$50,000	\$73,000	\$4,000	\$30,000	\$54,000	\$211,000
Roadside Barrier Improvements (Various Locations)	\$0	\$11,000	\$6,000	\$6,000	\$6,000	\$29,000
<b>Total</b>	<b>\$54,000</b>	<b>\$84,000</b>	<b>\$37,000</b>	<b>\$40,000</b>	<b>\$130,000</b>	<b>\$345,000</b>

# Roadway Lighting



## OPS Issuances and Construction Contract Awards (\$ thousands)

Project Name	2024	2025	2026	2027	2028	Five-Year Total
GSP Lighting Upgrades (Various Locations)	\$4,000	\$27,000	\$5,000	\$10,000	\$0	\$46,000
TPK Lighting Upgrades (Various Locations)	\$33,000	\$31,000	\$81,000	\$40,000	\$0	\$185,000
Total	\$37,000	\$58,000	\$86,000	\$50,000	\$0	\$231,000



